

PRODUCT GUIDE

SPRING/SUMMER 2018



تتیکه ابررسانا
www.abarresana.ir



ACHIEVE EXTRAORDINARY™

HIKVISION®

ABOUT HIKVISION

The foundation of our business is cutting-edge technology: high-definition IP and Analog cameras, hybrid, Plug and Play and standalone DVRs, NVRs, PTZ domes, network switches, encoders, and decoders, phone apps, VMS software, Central Management Systems, Monitors, and Latest technology innovations like AI Deep Learning algorithms.

Fortified by one of the largest R&D teams in the video surveillance industry, the innovation behind these products combined with our outstanding team members and partners has made Hikvision the No. 1 video surveillance equipment provider in the world, according to global research firm IHS Markit. A total solution provider, Hikvision manufactures a full suite of video surveillance products and solutions for a broad range of vertical markets including retail, education, healthcare, critical infrastructure, enterprise and many others. Whatever the scope or requirements of the application, Hikvision has a user-friendly, highly scalable solution, and a support team to help our integrators meet their customers' needs.



2001
ESTABLISHED



25,000+
EMPLOYEES



68
BRANCHES



1,800
PATENTS GRANTED

155+

COUNTRIES SELLING HIKVISION
PRODUCTS AND SOLUTIONS

10,000+

R&D ENGINEERS

7

R&D CENTERS
GLOBALLY

ISO/IEC
27001

CERTIFIED INFORMATION
SECURITY MANAGEMENT

No. 1 PHYSICAL
**SECURITY SOLUTION
PROVIDER**

IN 2016 AND 2017 -A&S

**NO. 1 VIDEO
SURVEILLANCE
EQUIPMENT AND SOLUTION
PROVIDER GLOBALLY**

FROM 2011-2017 -IHS MARKIT



HEAD OFFICE
HANGZHOU
CHINA

ARCHITECTURE & ENGINEERING PARTNERS

Hikvision has a dedicated team of security industry professionals who focus solely on supporting and educating the A&E and consultant community about Hikvision products and solutions. Covering the entirety of North America both in the US and Canada, this seasoned group works alongside our sales organization to offer the resources required by the A&E community, including BIM modules, A&E specifications, design tools, and design support. Additionally, the A&E team manages Hikvision's online A&E portal to provide quick access to the resources needed by our partners in the A&E community.



DEALER PARTNERS

It's an exciting time to partner with Hikvision. As the world's leading video surveillance manufacturer, we take a team approach to winning business, working alongside our partners through the entire business cycle. You can rely on our extensive field support team, which is staffed by knowledgeable professionals. Their goal is to help our integrators fortify and grow their businesses.

Our efforts support our mutual success through product selection, sales, technical training, engineering, installation and post-sales support.

We invest heavily in R&D, hundreds of millions of dollars per year, to supply the market with reliable, secure and innovative technology with unmatched value. We believe that's the best game plan to provide Hikvision dealers with a competitive advantage out in the field.

Hikvision goes the extra mile to provide customers with all of the resources they need for a first-class security system. Hikvision's Dealer Partner (HDP) program and A&E program provide additional resources for dealers, architects and engineers to promote business success through knowledge and valuable tools. Hikvision is committed to creating and protecting business value for its customers and partners.

To learn more about our partner programs, please contact us at partners.usa@hikvision.com.



ENTERPRISE SOLUTIONS

Hikvision is a global organization that supports the enterprise market with sophisticated products, consistent quality, a supportive dealer program and worldwide distribution. Hikvision has invested in dedicated teams offering true subject matter expertise within strategic vertical markets such as retail, healthcare, critical infrastructure, gaming and education. We also offer dedicated architects, engineers and consultants focused teams, and are equipped to support national and super-regional integration firms throughout long-term sales process. This is how Hikvision offers real value and ROI to our most loyal partners. We facilitate our partners' growth and help them meet the demand for excellent service from the global enterprise customer.



REAL SUPPORT ADDS VALUE FOR INTEGRATOR PARTNERS

Hikvision has a highly experienced team of vertical market subject matter experts, supported by engineering and technical support professionals who understand the unique challenges faced by security and IT professionals on a daily basis. They are on the ground, in local markets, and available to back up our local sales teams, integrators and technology partners when they need them.



K-12

To protect schools, students and faculty with the value that budget-minded school districts need, Hikvision offers high-resolution cameras with excellent image quality. Wide dynamic range and HD video capture remarkable detail, indoors and outside. Our DarkFighter Low Light cameras provide clear video footage, even when it's dark.



HIGHER EDUCATION

For universities, solutions include value series cameras for standard applications to PanoVu solutions for monitoring large crowds. Hikvision's DeepinView artificial intelligence provides added efficiencies, operational intelligence and actionable information. For university security operation centers we offer: economical, large display video walls for situational awareness, enterprise storage solutions for image capture and forensics, and deep integrations to enterprise VMS providers.



HEALTHCARE

Healthcare customers want scalable, cost-effective and efficient solutions that can solve security and technology challenges in a sometimes chaotic and stressful environment. Hikvision has an extensive range of cameras, recording platforms and solutions that fit any type of application, scenario or environment. Patient monitoring, emergency rooms, pharmacies, specialty departments, and restricted areas are all critical zones that require reliable security equipment. Just as we depend on healthcare providers to keep us well, integrators can depend on Hikvision's solutions to ensure the security of healthcare facilities.



RETAIL

Shop and restaurant owners, as well as nationwide retail chains, gain peace of mind using Hikvision products to manage loss prevention. Hikvision solutions also provide business intelligence data to give retailers important insight into business operations and new revenue-generating opportunities. Each camera category has compact bullet, turret, dome and covert varieties. POS integration, heat mapping, and special counting cameras provide significant business intelligence. Data can be managed at individual store locations and centrally managed via the HikCentral CMS software platform, which gives corporate security and franchise owners an enterprise-wide view of their organization.



GAMING

With unique needs and limited budgets, casino applications represent some of the largest camera deployments in North America. Hikvision has invested heavily in understanding this market and developing solutions that take advantage of existing wire and cable infrastructure, and offer legacy housing enclosures with affordable high resolution solutions. This enables casino operators to maximize security improvements on a budget with cutting-edge performance.



CRITICAL INFRASTRUCTURE

Critical infrastructure locations represent some of the most challenging security environments in the world. Among Hikvision's critical infrastructure protection (CIP) solutions are Hikvision Thermal Standard and Bi-Spectrum camera systems with advanced solutions for perimeter, temperature monitoring and fire detection. Hikvision also provides CIP security and operations centers with large display video wall technologies and artificial intelligence solutions for real-time situational awareness. Enterprise-class data recording and storage products keep records safe, ready for forensic research and offer deep integrations to industry-leading enterprise VMS and physical security information management solutions. This allows our technology to be leveraged in the most complex environments.



TECHNICAL SUPPORT

Hikvision strives to provide industry-leading technical support to our North American customer base via phone and online resources, including how-to videos. From product installation questions, technical troubleshooting and firmware upgrades, dedicated telephone support personnel will guide you through the resolution of any issue.

Hikvision USA

Phone: +1-909-895-0400

Toll-free: +1-866-200-6690

Email: techsupport.usa@hikvision.com

Online: tech.hikvisionusa.com

Hikvision Canada

Toll-free: +1-866-200-6690

Email: techsupport.ca@hikvision.com

Online: tech.hikvisionusa.com



CYBERSECURITY

Hikvision offers an in-depth cybersecurity defense solution. From application layer security that's built into our products, to network encryption and training on how to follow cybersecurity best practices, Hikvision provides the tools and information you need to best secure your video surveillance network while still maintaining the convenience of remote access. Hikvision's cybersecurity team is working every day monitoring the threat landscape on the Internet and building in the protection you need from the latest threats. Be sure to take advantage of all the cybersecurity resources on the Hikvision Security Center, and keep up to date by subscribing to our mailing list and following Hikvision USA on Facebook, Twitter, YouTube, and LinkedIn.

LEARNING & DEVELOPMENT

Our Learning and Development Team provides designers, integrators, installers, and end-users with effective learning tools and certifications that enable them to meet today's rapidly changing technical challenges. From essential understanding of terminology to comprehensive knowledge of surveillance solutions, the Hikvision Online Learning Center offers industry-tested online and instructor-led training in a supportive environment.

For more information visit
hikvisionlearning.com

9	37	45	52	57	59	61	79	93	95	106	110
PROFESSIONAL SOLUTIONS	PERFORMANCE & VALUE PLUS SOLUTIONS	VALUE SOLUTIONS	VALUE EXPRESS SOLUTIONS	WI-FI SOLUTIONS	KITS	TURBOHD™ ANALOG SOLUTIONS	ACCESS CONTROL + VIDEO IP INTERCOM	INTELLIGENT STORAGE	ACCESSORIES	BRACKETS + BRACKET CHART	CLIENT SOFTWARE

| CONTENTS



5 Series Cameras

5 Series Cameras include 2/4/6/8 MP models, sleek new housing designs, 5 streams of video output, H.265+ compression technology, an impressive 140dB WDR and DarkFighter technology on 2 MP and 4 MP models. Additionally this series features up to 256GB on board MicroSD slot, EIS (Electronic Image Stabilization) and much more.



PROFESSIONAL SOLUTIONS

The Smart Pro IP solutions are an analytics-rich option for professional applications. Enriched with Hikvision Smart technologies, Hikvision's Smart IP cameras, Smart PTZ Dome cameras, and Smart NVRs are designed to deliver intelligent security for the modern marketplace. The Smart series delivers technology for high performance and enterprise applications. Whether you're securing a large campus or small business, you will find the most advanced products in the Smart Pro IP product range.



HIKVISION

DarkFighterX Cameras

DS-2CD5028G0/E-II5

This series camera has an innovative dual sensor design: one sensor for IR imaging that guarantees image brightness, the other sensor for visible light to guarantee vivid color. The camera then combines the two images formed by different spectra into full color in extreme low lighting to 0.001 lux.

DS-2DF8225IH-AELW

The PTZ features a 25x lens with rapid focus and 200m IR capabilities for 0 lux environments. The camera features advanced and improved smart tracking, and the full PTZ suite of Hikvision analytics. The camera also supports H.265+ and region of interest encoding, making it the ultimate solution for the most demanding applications.

DeepinView 7 Series Cameras and DeepinMind NVR

IDS-9632NXI-I8/16S are capable of detecting and recording subjects identified as human objects. It filters out and significantly reduces alarm triggering by irrelevant movement in the surroundings, such as animals or other non-human objects.

5 Series Cameras

Our latest Pro Series cameras are the 5 series which include 2/4/6/8 MP models, sleek new housing design, 5 streams of video output, H.265+ compression technology, an impressive 140dB WDR, and DarkFighter technology on 2 MP models. Additionally this series features up to 256 GB on board MicroSD slot, EIS (electronic image stabilization) and much more.

Deep Learning

Deep Learning algorithms are being introduced to NVR and camera products to enhance video analytics to more than 90 percent accuracy rates, enhancing any security application. Hikvision's new DeepinView 7 series cameras and DeepinMind NVR includes video analysis to identify human subjects and reduce false alarms.

HD Resolution

Image quality requirements are met with industry-leading camera products from the 16 MP PanoVu, and 12 MP and 4K HD-resolution imaging sensors.

DarkFighterX

Challenging lighting conditions are met with our trademark DarkFighter (new DarkFighterX) and LightFighter technology, EXIR 2.0 infrared night viewing and thermal camera products.

Different Form Factors

Applications vary and we are ready with all the standard form factors: dome, bullet, turret and also

unique multi-sensor, counting, fisheye, covert and stainless steel cameras.

Super NVR

Meeting all bandwidth and storage utilization requirements, the Smart Pro NVRs support recording of up to 12 MP camera resolution, Ultra High Definition (UHD) output up to 4K, up to 192 TB of storage capacity and H.265+ compression to increase storage space by 50-70 percent.

Smart PTZ Dome Camera

The Smart PTZ Dome camera series features HD imaging, smooth Pan/Tilt/Zoom, long range lenses and IR along with smart tracking functions to ensure the elimination of all blind spots within the camera's area of coverage.

Smart Analytics

Smart Analytics add to the high performance capabilities and include: human detection, line crossing detection, intrusion detection, region entrance/exit detection, unattended baggage, object removal, scene change, sudden audio increase/decrease, audio loss, defocus, object counting, defog and new LPR (license plate recognition) technology.

Central Management System

Central management products include the Blazer Pro and HikCentral, which are Windows-based devices designed for central management of distributed sites or a large pool of cameras recording on Hikvision NVRs, DVRs, and CVRs.



BOX CAMERA

INDOOR DOME








	DS-2CD5026G0	DS-2CD5046G0	DS-2CD5065G0	DS-2CD5085G0	DS-2CD5126G0-IZS	DS-2CD5146G0-IZS	DS-2CD5165G0-IZS	DS-2CD5185G0-IZS
Model	 DarkFighter <small>*Lens NOT included</small> 2 MP	 DarkFighter <small>*Lens NOT included</small> 4 MP	 <small>*Lens NOT included</small> 6 MP	 <small>*Lens NOT included</small> 8 MP	 DarkFighter EXIR 2.0 2 MP	 DarkFighter EXIR 2.0 4 MP	 EXIR 2.0 6 MP	 EXIR 2.0 8 MP
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Min. Illumination (lux)	Color: 0.002 @ f/1.2, B/W: 0.000 @ f/1.2	Color: 0.002 @ f/1.2, B/W: 0.000 @ f/1.2	Color: 0.009 @ f/1.2, B/W: 0.000 @ f/1.2	Color: 0.009 @ f/1.2, B/W: 0.000 @ f/1.2	Color: 0.002 @ f/1.2, B/W: 0.000 @ f/1.2	Color: 0.002 @ f/1.2, B/W: 0.000 @ f/1.2	Color: 0.009 @ f/1.2, B/W: 0.000 @ f/1.2	Color: 0.009 @ f/1.2, B/W: 0.000 @ f/1.2
Lens/ Horizontal Angle of View	Auto back focus, C/CS mount	Auto back focus, C/CS mount	Auto back focus, C/CS mount	Auto back focus, C/CS mount	2.8 to 12 mm @ f/1.2, motorized, autofocus/ 103.3° to 38.6°	2.8 to 12 mm @ f/1.2, motorized, autofocus/ 102° to 38°	2.8 to 12 mm @ f/1.2, motorized, autofocus/ 112.4° to 41.0°	2.8 to 12 mm @ f/1.2, motorized, autofocus/ 112.4° to 41.0°
Pan/Tilt/Rotation	---	---	---	---	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°
Day/Night/BLC/WDR	TRUE/Yes/140 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/140 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB
IR Range Max. (meters)	---	---	---	---	30	30	30	30
Video Compression	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG
Maximum Image Resolution (pixels)	1920x1080	2560x1440	3072x2048	3840x2160	1920x1080	2560x1440	3072x2048	3840 x 2160
Frame Rate (fps)	60 @ 1920x1080, 1280x960, 1280x720	30 @ 2560x1440, 1920x1080, 1280x720	30 @ 3200x1800, 3072x2048, 2560x1440, 1920x1080, 1280x720	30 @ 3840x2160, 3200x1800, 2560x1440, 1920x1080, 1280x720	60 @ 1920x1080, 1280x960, 1280x720	30 @ 2560x1440, 1920x1080, 1280x720	30 @ 3200x1800, 3072x2048, 2560x1440, 1920x1080, 1280x720	30 @ 3840x2160, 3200x1800, 2560x1440, 1920x1080, 1080x720
Multi-Streaming	5 plus up to 5 custom	5 plus up to 5 custom	5 plus up to 5 custom	5 plus up to 5 custom	5 plus up to 5 custom	5 plus up to 5 custom	5 plus up to 5 custom	5 plus up to 5 custom
Smart Features	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹
Audio Input/Output	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	1/1
Alarm Input/Output	2/2	2/2	2/2	2/2	1/1	1/1	1/1	1/1
Local Storage	MicroSD 256 GB max.	MicroSD 256 GB max.	MicroSD 256 GB max.	MicroSD 256 GB max.	MicroSD 256 GB max.	MicroSD 256 GB max.	MicroSD 256 GB max.	MicroSD 256 GB max.
Ratings	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	IK10, UL/cUL Listed	IK10, UL/cUL Listed	IK10, UL/cUL Listed	IK10, UL/cUL Listed
Operating Temperature Range	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)
Power Requirements (max.)	24 VAC, 12V DC, PoE (802.3af), 7 W	24 VAC, 12V DC, PoE (802.3af), 7 W	24 VAC, 12V DC, PoE (802.3af), 7 W	24 VAC, 12V DC, PoE (802.3af), 7 W	12V DC, PoE (802.3af), 8 W	12V DC, PoE (802.3af), 8 W	12V DC, PoE (802.3af), 8 W	12V DC, PoE (802.3af), 9 W

Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.

¹Full Smart Suite: Motion Detection, Line Crossing, Intrusion, Region Entrance, Region Exiting, Unattended Baggage, Object Removal, Scene Change, Sudden Audio Increase/Decrease, Audio Loss, Defocus, Object Counting, Defog

OUTDOOR BULLET

OUTDOOR DOME

	DS-2CD5A26G0-IZHS	DS-2CD5A26G0-IZHS8	DS-2CD5A46G0-IZHS	DS-2CD5A65G0-IZHS	DS-2CD5A85G0-IZHS	DS-2CD5526G0-IZHS	DS-2CD5526G0-IZHS8
Model	 DarkFighter EXIR 2.0 2 MP NEW	 DarkFighter EXIR 2.0 2 MP NEW	 DarkFighter EXIR 2.0 4 MP NEW	 EXIR 2.0 6 MP NEW	 EXIR 2.0 8 MP NEW	 DarkFighter EXIR 2.0 2 MP NEW	 DarkFighter EXIR 2.0 2 MP NEW
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Min. Illumination (lux)	Color: 0.002 @ f/1.2 B/W: 0.000 @ f/1.2	Color: 0.002 @ f/1.2 B/W: 0.000 @ f/1.2	Color: 0.002 @ f/1.2 B/W: 0.000 @ f/1.2	Color: 0.009 @ f/1.2 B/W: 0.000 @ f/1.2	Color: 0.009 @ f/1.2 B/W: 0.000 @ f/1.2	Color: 0.002 @ f/1.2 B/W: 0.000 @ f/1.2	Color: 0.002 @ f/1.2 B/W: 0.000 @ f/1.2
Lens/ Horizontal Angle of View	2.8 to 12 mm @ f/1.2, motorized, autofocus/ 103.3° to 38.6°	8 to 32 mm @ f/1.4, motorized, autofocus/ 31.2° to 10.2°	2.8 to 12 mm @ f/1.2, motorized, autofocus/ 102° to 38°	2.8 to 12 mm @ f/1.2, motorized, autofocus/ 112.4° to 41.0°	2.8 to 12 mm @ f/1.2, motorized, autofocus/ 112.4° to 41.0°	2.8 to 12 mm @ f/1.2, motorized, autofocus/ 103.3° to 38.6°	8 to 32 mm @ f/1.4, motorized, autofocus/ 31.2° to 10.2°
Pan/Tilt/Rotation	0° to 355°/ 0° to 90°/0° to 360°	0° to 355°/ 0° to 90°/0° to 360°	0° to 355°/ 0° to 90°/0° to 360°	0° to 355°/ 0° to 90°/0° to 360°	0° to 355°/ /0° to 90°/0° to 360°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°
Day/Night/BLC/WDR	TRUE/Yes/140 dB	TRUE/Yes/140 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/140 dB	TRUE/Yes/140 dB
IR Range Max. (meters)	50	100	50	50	50	30	50
Video Compression	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265/H.264+/H.264/MJPEG	H.265/H.264+/ H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG
Maximum Image Resolution (pixels)	1920 x 1080	1920x1080	2560x1440	3027 x 2048	3840 x 2160	1920 x 1080	1920 x 1080
Frame Rate (fps)	60 @ 1920x1080, 1280x960, 1280x720	60 @ 1920x1080, 1280x960, 1280x720	30 @ 2560x1440, 1920x1080, 1280x720	30 @ 3200x1800, 3027x2048, 2560x1440, 1920x1080, 1280x720	30 @ 3840x2160, 3200x1800, 2560x1440, 1920x1080, 1280x720	60 @ 1920x1080, 1280x960, 1280x720	60 @ 1920x1080, 1280x960, 1280x720
Multi-Streaming	5 plus up to 5 custom	5 plus up to 5 custom	5 plus up to 5 custom	5 plus up to 5 custom	5 plus up to 5 custom	5 plus up to 5 custom	5 plus up to 5 custom
Smart Features	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹
Audio Input/Output	---	---	---	---	---	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line
Alarm Input/Output	2/2	2/2	2/2	2/2	2/2	1/1	1/1
Local Storage	MicroSD 256 GB max.	MicroSD 256 GB max.	MicroSD 256 GB max.	MicroSD 256 GB max.	MicroSD 256 GB max.	MicroSD 256 GB max.	MicroSD 256 GB max.
Ratings	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed
Operating Temperature Range	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)
Power Requirements (max.)	12V DC, PoE (802.at), 15 W	12V DC, PoE (802.at), 15 W	12V DC, PoE (802.at), 15 W	12V DC, PoE (802.at), 15 W	12V DC, PoE (802.at), 15 W	12V DC, PoE (802.at), 14 W	12V DC, PoE (802.at), 14 W









Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.

¹Full Smart Suite: Motion Detection, Line Crossing, Intrusion, Region Entrance, Region Exiting, Unattended Baggage, Object Removal, Scene Change, Sudden Audio Increase/Decrease, Audio Loss, Defocus, Object Counting, Defog



OUTDOOR DOME

BOX CAMERA










	DS-2CD5546G0-IZHS	DS-2CD5565G0-IZHS	DS-2CD5585G0-IZHS	DS-2CD6026FHWD-A	DS-2CD6026FHWD-A3/A7/A11	DS-2CD4025FWD-A	DS-2CD4065F-A	DS-2CD4085F-AP
Model	 DarkFighter EXIR 2.0 4 MP	 EXIR 2.0 6 MP	 EXIR 2.0 8 MP	 DarkFighter 2 MP <small>*Lens NOT included</small>	 DarkFighter 2 MP	 LightFighter 2 MP <small>*Lens NOT included</small>	 <small>*Lens NOT included</small> 6 MP	 <small>*Lens NOT included</small> 4K
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.7" progressive scan CMOS
Min. Illumination (lux)	Color: 0.002 @ f/1.2, B/W: 0.000 @ f/1.2	Color: 0.009 @ f/1.2, B/W: 0.000 @ f/1.2	Color: 0.009 @ f/1.2 B/W: 0.000 @ f/1.2	Color: 0.001 @ f/1.2 B/W: 0.0001 @ f/1.2	Color: 0.0016 @ f/1.5 B/W: 0.00016 @ f/1.5	Color: 0.005 @ f/1.2 B/W: 0.0005 @ f/1.2	Color: 0.002 @ f/1.2 B/W: 0.002 @ f/1.2	Color: 0.009 @ f/1.2 B/W: 0.012 @ f/1.2
Lens/ Horizontal Angle of View	2.8 to 12 mm @ f/1.2, motorized, autofocus/ 102° to 38°	2.8 to 12 mm @ f/1.2, motorized, autofocus/ 112.4° to 41.0°	2.8 to 12 mm @ f/1.2, motorized, autofocus/ 112.4° to 41.0°	Auto back focus, C/CS mount	A3: 3.8 to 16 mm f/1.5 A7: 7 to 33 mm f/0.95 A11: 11 to 40 mm f/1.5 Auto back focus, C/CS mount	Auto back focus, C/CS mount	Auto back focus, C/CS mount	Auto back focus, C/CS mount
Pan/Tilt/Rotation	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	---	---	---	---	---
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/140 dB	TRUE/Yes/Digital	TRUE/Yes/Digital
IR Range Max. (meters)	30	30	30	---	---	---	---	---
Video Compression	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.265 /H.264+/H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG	H.264/MPEG4/MJPEG	H.264/MPEG4/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG
Maximum Image Resolution (pixels)	2560x1440	3072x2048	3072x2048	1920x1080	1920x1080	1920x1080	3072x2048	4096x2160
Frame Rate (fps)	30 @ 2560x1440, 1920x1080, 1280x720	30 @ 3200x1800, 3027x2048, 2560x1440, 1920x1080, 1280x720	30 @ 3200x1800, 3027x2048, 2560x1440, 1920x1080, 1280x720	60 @ 1920x1080	60 @ 1920x1080	60 @ 1920x1080	20 @ 3072x2048, 30 @ 3072x1728	22 @ 4096x2160, 24 @ 3840x2160, 30 @ 1920x1080
Multi-Streaming	5 plus up to 5 custom	5 plus up to 5 custom	5 plus up to 5 custom	Triple	Triple	Triple	Triple	Triple
Smart Features	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹ except Counting	Full Smart Suite ¹ except Counting	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹
Audio Input/Output	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line/mic OUT: 1 line MIC: Built in	IN: 1 line/mic OUT: 1 line MIC: Built in	IN: 1 line/mic OUT: 1 line MIC: Built in	IN: 1 line/mic OUT: 1 line MIC: Built in	IN: 1 line/mic OUT: 1 line MIC: Built in
Alarm Input/Output	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Local Storage	MicroSD 256 GB max.	MicroSD 256 GB max.	MicroSD 256 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.
Ratings	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
Operating Temperature Range	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)
Power Requirements (max.)	12V DC, PoE (802.at), 14 W	12V DC, PoE (802.at), 14 W	12V DC, PoE (802.at), 14 W	24 VAC, 12V DC, PoE (802.3af), 12 W	24 VAC, 12V DC, PoE (802.3af), 12 W	24 VAC, 12V DC, PoE (802.3af), 9 W	24 VAC, 12V DC, PoE (802.3af), 9 W	24 VAC, 12V DC, PoE (802.3af), 9 W

Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.

¹Full Smart Suite: Motion Detection, Line Crossing, Intrusion, Region Entrance, Region Exiting, Unattended Baggage, Object Removal, Scene Change, Sudden Audio Increase/Decrease, Audio Loss, Defocus, Object Counting, Defog

INDOOR DOME

OUTDOOR BULLET

	DS-2CD4125FWD-IZ	DS-2CD4165F-IZ	DS-2CD4185F-IZ	DS-2CD41C5F-IZ	DS-2CD4A24FWD-IZH	DS-2CD4A25FWD-IZH	DS-2CD4A25FWD-IZH8	DS-2CD4A26FWD-IZH	DS-2CD4A26FWD-IZH8
Model	 6 MP	 6 MP	 4K	 12 MP	 EXIR 2 MP	 LightFighter EXIR 2 MP	 LightFighter EXIR 2 MP	 DarkFighter EXIR 2 MP	 DarkFighter EXIR 2 MP
Image Sensor	1/2.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.7" progressive scan CMOS	1/1.7" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS
Min. Illumination (lux)	Color: 0.007 @ f/1.4 B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.012 @ f/1.4, B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.007 @ f/1.4	Color: 0.007 @ f/1.4, B/W: 0 with IR	Color: 0.014 lux @ f/1.4 B/W: 0 lux with IR	Color: 0.0027 @ f/1.4 B/W: 0 with IR	Color: 0.0027 @ f/1.4 B/W: 0 with IR
Lens/ Horizontal Angle of View	2.8 to 12 mm @ f/1.4, motorized, autofocus/ 113° to 33.8°	2.8 to 12 mm @ f/1.4, motorized, autofocus/ 94.5° to 30.5°	2.8 to 12 mm @ f/1.4, motorized, autofocus/ 96.0° to 32.6°	2.8 to 12 mm @ f/1.4, motorized, autofocus/ 93.6° to 31.8°	4.7-9.4 mm @ f/1.4 motorized, autofocus/ 53.8° to 3.1°	2.8 to 12 mm @ f/1.4, motorized, autofocus/ 98.4° to 30.2°	8 to 32 mm @ f/1.4, motorized, autofocus/ 27.8° to 9.1°	2.8 to 12 mm @ f/1.4, motorized, autofocus/ 92° to 32°	8 to 32 mm @ f/1.4, motorized, autofocus/ 28° to 12°
Pan/Tilt/Rotation	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning
Day/Night/BLC/WDR	TRUE/Yes/140 dB	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/120 dB	TRUE/Yes/140 dB	TRUE/Yes/140 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB
IR Range Max. (meters)	30	30	30	30	120	50	100	50	100
Video Compression	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/ MPEG4/MJPEG	H.264+/H.264/ MPEG4/MJPEG
Maximum Image Resolution (pixels)	1920x1080	3072x2048	4096x2160	4000x3000	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
Frame Rate (fps)	60 @ 1920x1080	20 @ 3072x2048, 30 @ 3072x1728	22 @ 4096x2160, 24 @ 3840x2160, 30 @ 1920x1080	15 @ 4000 x 3000, 22 @ 4096 x 2160, 24 @ 3840 x 2160, 30 @ 3072 x 1728	30 @ 1920x1080, 1280x960, 1280x720 (60 @ 1920x1080 with WDR off)	60 @ 1920x1080	30 @ 1920x1080, 1280x960, 1280x720 (60 @ 1920x1080 with WDR off)	60 @ 1920x1080	60 @ 1920x1080
Multi-Streaming	Triple	Triple	Triple	Triple	Triple	Triple	Triple	Triple	Triple
Smart Features	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹ except Audio feature	Full Smart Suite ¹ except Audio feature	Full Smart Suite ¹ except Audio feature	Full Smart Suite ¹ except Audio feature	Full Smart Suite ¹ except Audio feature
Audio Input/Output	IN: 1 line/mic OUT: 1 line	IN: 1 line/mic OUT: 1 line	IN: 1 line/mic OUT: 1 line	IN: 1 line/mic OUT: 1 line	---	---	---	---	---
Alarm Input/Output	1/1	1/1	1/1	1/1	---	---	---	---	---
Local Storage	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.
Ratings	IK10, UL/cUL Listed	IK10, UL/cUL Listed	IK10, UL/cUL Listed	IK10, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed
Operating Temperature Range	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)
Power Requirements (max.)	12V DC, PoE (802.3af), 10 W	12V DC, PoE (802.3af), 12.5 W	12V DC, PoE (802.3af), 13 W	12V DC, PoE (802.3af), 13 W	12V DC, PoE+ (802.3at), 15.5 W	12V DC, PoE+ (802.3at), 15.5 W	12V DC, PoE+ (802.3at), 15.5 W	12V DC, PoE+ (802.3at), 21 W	12V DC, PoE+ (802.3at), 21 W


Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.

¹Full Smart Suite: Motion Detection, Line Crossing, Intrusion, Region Entrance, Region Exiting, Unattended Baggage, Object Removal, Scene Change, Sudden Audio Increase/Decrease, Audio Loss, Defocus, Object Counting, Defog



OUTDOOR BULLET

OUTDOOR DOME

	DS-2CD4A35FWD-IZH	DS-2CD4A35FWD-IZH8	DS-2CD4A65F-IZH	DS-2CD4A85F-IZH	DS-2CD4AC5F-IZH	DS-2CD4324FWD-IZHS	DS-2CD4324FWD-IZHS8	DS-2CD4526FWD-IZH	DS-2CD4535FWD-IZH
Model	 EXIR 3 MP	 EXIR 3 MP	 EXIR 6 MP	 EXIR 4K	 EXIR 12 MP	 2 MP	 2 MP	 DarkFighter 2 MP	 3 MP
Image Sensor	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.7" progressive scan CMOS	1/1.7" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Min. Illumination (lux)	Color: 0.007 @ f/1.4, B/W: 0 with IR	Color: 0.007 @ f/1.4, B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.012 @ f/1.4, B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.0027 @ f/1.4 B/W: 0 with IR	Color: 0.007 @ f/1.4, B/W: 0 with IR
Lens/ Horizontal Angle of View	2.8 to 12 mm @ f/1.4, motorized, autofocus/ 105° to 32°	8 to 32 mm @ f/1.4, motorized, autofocus/ 29.7° to 9.7°	2.8 to 12 mm @ f/1.4, motorized, autofocus/ 94.5° to 30.5°	2.8 to 12 mm @ f/1.4, motorized, autofocus/ 96.0° to 32.6°	2.8 to 12 mm @ f/1.4, motorized, autofocus/ 93.6° to 31.8°	2.8 to 12 mm @ f/1.4, motorized, autofocus/ 113° to 33.8°	8 to 32 mm @ f/1.4, motorized, autofocus/ 31.2° to 10.2°	2.8 to 12 mm @ f/1.4, motorized, autofocus/ 92° to 32°	2.8 to 12 mm @ f/1.4, motorized, autofocus/ 105° to 32°
Pan/Tilt/Rotation	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning	0° to 355°/ 0° to 75°/0° to 355°	0° to 355° /0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB
IR Range Max. (meters)	50	100	50	50	50	30	50	40	40
Video Compression	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MPEG4/MJPEG	H.264+/H.264/MPEG4/MJPEG	H.264+/H.264/MPEG4/MJPEG	H.264+/H.264/MJPEG
Maximum Image Resolution (pixels)	2048x1536	2048x1536	3072x2048	4096x2160	4000x3000	1920x1080	1920x1080	1920x1080	2048x1536
Frame Rate (fps)	30 @ 2048x1536 (45 @ 2048x1536, 60 @ 1920x1280 with WDR off)	30 @ 2048x1536 (45 @ 2048x1536, 60 @ 1920x1280 with WDR off)	20 @ 3072x2048, 30 @ 3072x1728	22 @ 4096x2160, 24 @ 3840x2160, 30 @ 1920x1080	15 @ 4000x3000 22 @ 4096x2160 24 @ 3840x2160 30 @ 3072x1728	30 @ 1920x1080	30 @ 1920x1080	60 @ 1920x1080	45 @ 2048x1536, 60 @ 1920x1080
Multi-Streaming	Triple	Triple	Triple	Triple	Triple	Triple	Triple	Triple	Triple
Smart Features	Full Smart Suite ¹ except Audio feature	Full Smart Suite ¹ except Audio feature	Full Smart Suite ¹ except Audio feature	Full Smart Suite ¹ except Audio feature	Full Smart Suite ¹ except Audio feature	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹
Audio Input/Output	---	---	---	---	---	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line
Alarm Input/Output	---	---	---	---	---	2/2	2/2	1/1	1/1
Local Storage	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.
Ratings	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed
Operating Temperature Range	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)
Power Requirements (max.)	12V DC, PoE+ (802.3at), 16.75 W	12V DC, PoE+ (802.3at), 16.75 W	12V DC, PoE+ (802.3at), 15.5 W	12V DC, PoE+ (802.3at), 15.5 W	12V DC, PoE+ (802.3at), 15.5 W	24 VAC, PoE+ (802.3at), 14 W	24 VAC, PoE+ (802.3at), 14 W	24 VAC, 12V DC, PoE+ (802.3at), 17.5 W	12V DC, 24 VAC, PoE+ (802.3at), 17.5 W

Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.








¹Full Smart Suite: Motion Detection, Line Crossing, Intrusion, Region Entrance, Region Exiting, Unattended Baggage, Object Removal, Scene Change, Sudden Audio Increase/Decrease, Audio Loss, Defocus, Object Counting, Defog

OUTDOOR DOME

DARKFIGHTERX

COUNTING CAMERA

DUAL LENS COUNTING CAMERA



























































































	DS-2CD4535FWD-IZH8	DS-2CD4565F-IZH	DS-2CD4585F-IZH	DS-2CD45C5F-IZH	DS-2CD502860/E-HI NEW	iDS-2CD6412FWD/C	iDS-2CD6810F/C
Model	 3 MP	 6 MP	 4K	 12 MP	 DarkFighterX 2 MP	 1.3 MP	 0.6 MP
Image Sensor	1/2.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.7" progressive scan CMOS	1/1.7" progressive scan CMOS	Dual sensor: 2 x 1/2.8" progressive scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Min. Illumination (lux)	Color: 0.007 @ f/1.4, B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.012 @ f/1.4, B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.001 @ f/1.5, AGC ON B/W: 0.0001 @ f/1.5, AGC ON, 0 with IR	Color: 0.028 Lux @ f/2.0, AGC ON B/W: 0.0028 Lux @ f/2.0, AGC ON	B/W: 1.2 Lux @ f/2.0
Lens/ Horizontal Angle of View	8 to 32 mm @ f/1.4, motorized, autofocus/ 29.7° to 9.7°	2.8 to 12 mm @ f/1.4, motorized, autofocus/ 94.5° to 30.5°	2.8 to 12 mm @ f/1.4, motorized, autofocus/ 96.0° to 32.6°	2.8 to 12 mm @ f/1.4, motorized, autofocus/ 93.6° to 31.8°	5 to 50 mm @ f/1.5 to f/2.9, motorized, autofocus/ 60.5° to 6.3°	2.1 mm @ f/2.2 (HV 115°) 2.8 mm @ f/2.0 (HV 92.5°)	2 mm @ f/2.2 (HV 89°) 2.8 mm @ f/2.0 (HV 68°) 4 mm @ f/2.2 (HV 55°)
Pan/Tilt/Rotation	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	Fixed Housing	---	---
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/120 dB	Electronic/Yes/120 dB	Electronic/Yes/120 dB
IR Range Max. (meters)	50	40	40	40	100	---	---
Video Compression	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.265+/H.264+/H.264/MJPEG	H.264/MJPEG/MPEG4	H.264
Maximum Image Resolution (pixels)	2048x1536	3072x2048	4096x2160	4000x3000	1920 x 1080	1280x960	640 × 960
Frame Rate (fps)	45 @ 2048x1536, 60 @ 1920x1080	24 @ 3072x2048, 30 @ 3072x1728	22 @ 4096x2160, 24 @ 3840x2160, 30 @ 1920x1080, 1280x720	15 @ 4000x3000, 22 @ 4096x2160, 24 @ 3840x2160, 30 @ 3072x1728	30 @ 1920 x 1080	30 @ 1280 x 960, 1280 x 720	24 @ 640 × 480
Multi-Streaming	Triple	Triple	Triple	Triple	Triple	Triple	Dual
Smart Features	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Basic Smart Suite ² , Counting, ROI, EIS, Defog	---
Audio Input/Output	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line/mic OUT: 1 line	---
Alarm Input/Output	1/1	1/1	1/1	1/1	2/2	1/1	1/1
Local Storage	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	---
Ratings	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP66, UL/cUL Listed	UL/cUL Listed	---
Operating Temperature Range	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-10 °C to +40 °C (+14 °F to +104 °F)
Power Requirements (max.)	12V DC, 24 VAC, PoE+ (802.3at), 17.5 W	12V DC, 24 VAC, PoE+ (802.3at), 17.5 W	12V DC, 24 VAC, PoE+ (802.3at), 17.5 W	12V DC, 24 VAC, PoE+ (802.3at), 17 W	24 VAC, PoE+ (802.3at), 43 W with heater	12V DC, 7.5 W	12V DC, PoE (802.3at), 7 W

Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.

¹Full Smart Suite: Motion Detection, Line Crossing, Intrusion, Region Entrance, Region Exiting, Unattended Baggage, Object Removal, Scene Change, Sudden Audio Increase/Decrease, Audio Loss, Defocus, Object Counting, Defog

²Basic Smart Suite: Counting, ROI, EIS, Defog




	LICENSE PLATE RECOGNITION	ULTRA-WIDE PANORAMIC	CORNER FISHEYE	INDOOR FISHEYE	OUTDOOR FISHEYE	INDOOR FISHEYE	OUTDOOR FISHEYE	INDOOR FISHEYE	OUTDOOR FISHEYE	
Model	        	        	        	        	        	        	        	        	        	        
Image Sensor	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.7" progressive scan CMOS	
Min. Illumination (lux)	Color: 0.0027 @ f/1.4 B/W: 0 with IR	Color: 0.0027 @ f/1.4 B/W: 0 with IR	Color: 0.4 @ f/2.4, AGC On B/W: 0 with IR	Color: 0.4 @ f/2.4, AGC On B/W: 0 with IR	Color: 0.28 @ f/2.0 B/W: 0 with IR	Color: 0.28 @ f/2.0 B/W: 0 with IR	Color: 0.3 @ f/2.8 B/W: 0 with IR	Color: 0.3 @ f/2.8 B/W: 0 with IR	Color: 0.04 @ f/2.4 B/W: 0 with IR	
Lens/ Horizontal Angle of View	2.8 to 12 mm @ f/1.4, motorized, autofocus/ 92° to 32°	8 to 32 mm @ f/1.4, motorized, autofocus/ 28° to 12°	2 mm @ f/2.4/ 135°, 98° vertical (wall)	2 mm @ f/2.4/ 135°, 98° vertical (wall)	1.19 mm @ f/2.0, Fisheye/ 180°/360° (wall)	1.19 mm @ f/2.0, Fisheye/ 180°/360° (wall)	1.27 mm @ f/2.8, Fisheye/ 180°/360° (wall)	1.27 mm @ f/2.8, Fisheye/ 180°/360° (wall)	1.98 mm @ f/2.4/ 180°/360° (wall)	
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/No/120 dB	TRUE/No/120 dB	TRUE/No/Digital	TRUE/No/Digital	TRUE/No/Digital	
IR Range Max. (meters)	50	100	15	15	15	15	15	15	15	
Video Compression	H.264+/H.264/MPEG4/ MJPEG	H.264+/H.264/MPEG4/ MJPEG	H.264	H.264	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264+/H.264/MJPEG	
Maximum Image Resolution (pixels)	1920x1080	1920x1080	2048x1536	2048x1536	2048x1536	2048x1536	3072x2048	3072x2048	4000x3072	
Frame Rate (fps)	30 @ 1920x1080 (60 @ 1920x1080 with WDR off)	30 @ 1920x1080 (60 @ 1920x1080 with WDR off)	30 @ 2048x1536	30 @ 2048x1536	Varies by Mode and View Setting	Varies by Mode and View Setting	Varies by Mode and View Setting	Varies by Mode and View Setting	Varies by Mode and View Setting	
Multi-Streaming	Triple	Triple	Dual	Dual	Multi-Channel Mode; High Frame Rate Mode; Mode 3; Mode 4	Multi-Channel Mode; High Frame Rate Mode; Mode 3; Mode 4	Multi-Channel Mode; High Frame Rate Mode; Mode 3; Mode 4	Multi-Channel Mode; High Frame Rate Mode; Mode 3; Mode 4	Multi-Channel Mode; High Frame Rate Mode; Mode 3; Mode 4	
Smart Features	License Plate Recognition (LPR), Full Smart Suite ¹ except Audio feature	License Plate Recognition (LPR), Full Smart Suite ¹ except Audio feature	Basic Smart Suite ² , ROI	Basic Smart Suite ² , ROI	Intrusion Detection, Line Crossing	Intrusion Detection, Line Crossing	Intrusion Detection, Line Crossing	Intrusion Detection, Line Crossing	Intrusion Detection, Line Crossing	
Audio Input/Output	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	Built-in speaker and mic	Built-in speaker and mic	Built-in speaker and mic	Built-in speaker and mic	Built-in speaker and mic	Built-in speaker and mic	Built-in speaker and mic	
Alarm Input/Output	1/1	1/1	1/1	1/1	---	---	---	---	---	
Local Storage	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD 64 GB max.	MicroSD 64 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	
Ratings	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed	UL/cUL Listed	IP67, IK10, UL/cUL Listed	UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	
Operating Temperature Range	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-10° C to 50° C (14° F to 122° F)	-30° C to 60° C (-22° F to 140° F)	-10° C to 50° C (14° F to 122° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	
Power Requirements (max.)	12V DC, PoE+ (802.3at), 21 W	12V DC, PoE+ (802.3at), 21 W	12V DC, PoE (802.3af), 12 W	12V DC, PoE (802.3af), 12 W	12V DC, PoE (802.3af), 12.5 W	12V DC, PoE (802.3af), 12.5 W	12V DC, PoE (802.3af), 12 W	12V DC, PoE (802.3af), 12 W	12V DC/PoE (802.3af), 14.7 W	

Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.

COVERT

HEIGHT STRIP

	DS-2CD6412FWD-C2 (Base Unit)	DS-2CD6412FWD-L10 (Lens/Sensor)	DS-2CD6412FWD-L20 (Lens/Sensor)	DS-2CD6412FWD-L30 (Lens/Sensor)	DS-2CD6424FWD-10	DS-2CD6424FWD-20	DS-2CD6424FWD-30	DS-2CD6424FWD-40/E1	DS-2CD6424FWD-40/E2	DS-2CD6424FWD-20/E
Model	 <i>*Base unit ONLY</i>	 <i>*Base unit NOT included</i> 1.3 MP	 <i>*Base unit NOT included</i> 1.3 MP	 <i>*Base unit NOT included</i> 1.3 MP	 2 MP	 2 MP	 2 MP	 2 MP	 2 MP	 2 MP
Image Sensor	Supports (2) L10, L20, or L30 lenses/sensor units (not included)	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/2.7" progressive scan CMOS	1/2.7" progressive scan CMOS	1/2.7" progressive scan CMOS	1/2.7" progressive scan CMOS	1/2.7" progressive scan CMOS	1/2.7" progressive scan CMOS
Min. Illumination (lux)	---	Color: 0.04 @ f/2.3	Color: 0.04 @ f/2.3	Color: 0.04 @ f/2.0	Color: 0.028 lux @ f/2.0, AGC ON	Color: 0.028 lux @ f/2.0, AGC ON	Color: 0.028 lux @ f/2.0, AGC ON	Color: 0.028 lux @ f/2.0, AGC ON	Color: 0.028 lux @ f/2.0, AGC ON	Color: 0.028 lux @ f/2.0, AGC ON
Lens/ Horizontal Angle of View	---	Fixed, 3.7 mm @ f/2.3/ 57°	Fixed, 3.7 mm @ f/2.3/ 57°	Fixed, 2.8 mm, 4 mm @ f/2.0/ 92.5°, 73.1°	Fixed 3.7 mm @ f2.5, cylindrical pinhole/ 65°	Fixed 3.7 mm @ f2.5, L-shaped, pinhole/ 65°	Fixed 2.8 mm @ f2.0, Tube/ 115°	Fixed 2.8 mm @ f2.0, Ball with Turret mount/ 109.4°	Fixed 2.8 mm @ f2.0, Ball with In-ceiling mount/ 109.4°	Fixed 3.7 mm @ f2.5, L-shaped, pinhole/ 78.5°
Day/Night/BLC/WDR	---	Electronic/No/120 dB	Electronic/No/120 dB	Electronic/No/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB
IR Range Max. (meters)	---	---	---	---	---	---	---	---	---	---
Video Compression	H.264/MPEG4/MJPEG	---	---	---	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	---
Maximum Image Resolution (pixels)	---	1280x960	1280x960	1280x960	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
Frame Rate (fps)	30 @ 1280x960, 1280x720	---	---	---	30 @ 1920x1080	30 @ 1920x1080	30 @ 1920x1080	30 @ 1920x1080	30 @ 1920x1080	30 @ 1920x1080
Multi-Streaming	Triple Stream	---	---	---	---	---	---	---	---	Triple
Smart Features	Basic Smart Suite ²	---	---	---	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ² + ROI, Defog
Audio Input/Output	IN: 1 line/mic OUT: 1 line	---	---	---	IN: 1 line/mic OUT: 1 line	IN: 1 line/mic OUT: 1 line	IN: 1 line/mic OUT: 1 line	IN: 1 line/mic OUT: 1 line	IN: 1 line/mic OUT: 1 line	IN: 1 line/mic OUT: 1 line
Alarm Input/Output	1/1	---	---	---	1/1	1/1	1/1	1/1	1/1	1/1
Local Storage	MicroSD, 128 GB max.	---	---	---	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.
Ratings	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	UL/cUL Listed
Operating Temperature Range	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)
Power Requirements (max.)	12V DC, PoE (802.3af), 8.5 W	Powered by Base Unit	Powered by Base Unit	Powered by Base Unit	12V DC, PoE (802.3af), 6.5 W	12V DC, PoE (802.3af), 6.5 W	12V DC, PoE (802.3af), 6.5 W	12V DC, PoE (802.3af), 6.5 W	12V DC, PoE (802.3af), 6.5 W	12V DC, PoE (802.3af), 6.5 W

Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.

²Basic Smart Suite: Line Crossing, Intrusion Detection, DeFocus, Audio Exception, Scene Change





DeepinView Dual Lens People Counting Camera iDS-2CD6810F/C

Incorporating dual lenses allows this camera to add height parameters to the evaluation of subjects in its field. Using Deep Learning algorithms, a 3D view is evaluated and reports the number of people moving through the scene at up to 97 percent accuracy.



DEEP LEARNING

Deep Learning technology algorithms are the latest innovation in video image analytic systems. Hikvision leads the way in implementing these algorithms in its new DeepinView Camera series and DeepinMind NVR series of products.

For years, video content analysis software has been promoted as a way to curb false alarms and improve detection and prevention in security applications. To date, most applications have lacked accuracy and reliability. Today's high-speed GPUs dramatically improve the processing of video data and Deep Learning is recognized as the future in technology. Hikvision is leading the way with Deep Learning products that provide users with reliable and accurate video content analysis.

Human Detection

Inaccurate alarms from non-human subjects such as animals, vehicles, moving trees, and changing lighting are a significant limitation of current video analytics. Hikvision addresses this problem with algorithms in cameras and NVRs that isolate detection of human subjects, significantly improving video analysis accuracy and reliability.

Face Detection and Recognition

Facial analytics have been in use for years with limited accuracy. Today Deep Learning algorithms can increase accuracy up to 97 percent. New methods of facial analysis, massive data collection and testing have been implemented in Hikvision products to ensure accurate face capture. High speed search and recognition analytics will provide rapid identification of subjects.

Behavioral Analysis

Human and vehicle characteristics are more defined, increasing the intelligence of these systems. Hikvision is identifying subject's movement and positioning to help customers prevent crime before it happens. This analytic technology can help identify gender, clothing such as hats, bags and glasses, as well as car color, shape and model.

Technology Applications

Applications for this technology include many vertical markets that rely on more accurate and effective solutions to queue and count people, implement crowd control, manage loitering, entry/exit, vehicle management, traffic, parking and license plate recognition. Hikvision is making solutions for all of these scenarios and more with enhanced Deep Learning technology.

Taking advantage of this new technology does not mean replacement of existing equipment and systems. Our HikCentral and iVMS-4200 control systems are able to manage these products. A DeepinMind NVR can be added to your system using the existing cameras on site.

Deep Learning products continue to improve as data is collected and processed through Hikvision's Research and Development teams. Improved accuracy and reliability will be introduced with firmware and software upgrades that take advantage of the newly "learned" subjects and characteristics.



DeepinMind NVRs

iDS-9632NXI-I8/16S, iDS-7716NXI-I4/16P/8S and iDS-7732NXI-I4/16P/8S

DeepinMind NVRs include a high speed GPU that processes video data at tremendous speeds to isolate detection of human subjects, significantly improving video analytics accuracy and reliability. Inaccurate alarms from non-human subjects such as animals, vehicles, moving trees, and changing lighting are filtered and significantly reduced to improve accuracy of alarms to a tested rate above 90 percent. The NVR features up to 32 IP camera inputs, H.265+ compression technology, up to 12 MP camera input resolution, 4K HDMI output and up to 64 TB of onboard storage with hot-swap HDD and RAID capabilities.



DeepinView PanoVu Camera iDS-2PT9122IX-D/S

This advanced PTZ camera includes human detection and recognition analytics to capture and evaluate images. With its built-in 4mm lens it surveys and identifies human subjects and uses its 5-50mm zoom lens to capture the image and store it onboard. It can collect and categorize the images for easy search and comparison of stored images.

	BOX CAMERA	INDOOR DOME	INDOOR DOME	OUTDOOR BULLET	OUTDOOR BULLET	INDOOR DOME
Model	DS-2CD7026G0	DS-2CD7126G0-IZS	DS-2CD7126G0-IZS8	DS-2CD7A26G0-IZHS	DS-2CD7A26G0-IZHS8	DS-2CD7126G0/L-IZS
	 Human Detection 2 MP	 Human Detection 2 MP	 Human Detection 2 MP	 Human Detection 2 MP	 Human Detection 2 MP	 Queue management 2 MP
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Min. Illumination (lux)	Color: 0.002 @ f/1.2 B/W: 0.000 @ f/1.2	Color: 0.002 Lux @ f/1.2 B/W: 0 Lux with IR	Color: 0.002 Lux @ f/1.2 B/W: 0 Lux with IR	Color: 0.002 Lux @ f/1.2 B/W: 0 Lux with IR	Color: 0.002 Lux @ f/1.2 B/W: 0 Lux with IR	Color: 0.002 Lux @ f/1.2 B/W: 0 Lux with IR
Lens/ Horizontal Angle of View	Auto back focus, C/CS mount	2.8 to 12 mm @ f/1.2, motorized, autofocus/ 103.3° to 38.6°	8 to 32 mm @ f/1.4, motorized, autofocus	2.8 to 12 mm @ f/1.2, motorized, autofocus/ 103.3° to 38.6°	8 to 32 mm @ f/1.4, motorized, autofocus	2.8 to 12 mm @ f/1.2, motorized, autofocus/ 103.3° to 38.6°
Pan/Tilt/Rotation	---	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 90°/0° to 360°	0° to 355°/ 0° to 90°/0° to 360°	0° to 355°/ 0° to 75°/0° to 355°
Day/Night/BLC/WDR	TRUE/Yes/140 dB	TRUE/Yes/140 dB	TRUE/Yes/140 dB	TRUE/Yes/140 dB	TRUE/Yes/140 dB	TRUE/Yes/140 dB
IR Range Max. (meters)	---	30	50	50	100	30
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265/H.264+/H.264/MJPEG	H.265/H.264+/H.264/MJPEG	H.265/H.264+/H.264/MJPEG	H.265/H.264+/H.264/MJPEG	H.265/H.264+/H.264/MJPEG
Maximum Image Resolution (pixels)	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
Frame Rate (fps)	30 @ 1920x1080, 1280x960, 1280x720, 704x480, 640x480	30 @ 1920x1080, 1280x960, 1280x720, 704x480, 640x480	30 @ 1920x1080, 1280x960, 1280x720, 704x480, 640x480	30 @ 1920x1080, 1280x960, 1280x720, 704x480, 640x480	30 @ 1920x1080, 1280x960, 1280x720, 704x480, 640x480	30 @ 1920x1080, 1280x960, 1280x720, 704x480, 640x480
Multi-Streaming	5 plus up to 5 custom	5 plus up to 5 custom	5 plus up to 5 custom	5 plus up to 5 custom	5 plus up to 5 custom	5 plus up to 5 custom
Smart Features	Perimeter protection/Full Smart Suite ¹	Perimeter protection/Full Smart Suite ¹	Perimeter protection/Full Smart Suite ¹	Perimeter protection/Full Smart Suite ¹	Perimeter protection/Full Smart Suite ¹	Queue management
Audio Input/Output	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	---	---	IN: 1 line OUT: 1 line
Alarm Input/Output	2/2	1/1	1/1	2/2	2/2	1/1
Local Storage	MicroSD 255 GB max.	MicroSD 256 GB max.	MicroSD 256 GB max.	MicroSD 256 GB max.	MicroSD 256 GB max.	MicroSD 256 GB max.
Ratings	UL/cUL Listed	IK10, UL/cUL Listed	IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IK10, UL/cUL Listed
Operating Temperature Range	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	40 °C to 60 °C (-40 °F to 140 °F)	40 °C to 60 °C (-40 °F to 140 °F)	-30° C to 60° C (-22° F to 140° F)
Power Requirements (max.)	24 VAC, 12V DC, PoE (802.3af),7 W	12V DC, PoE (802.3af), 8 W	12V DC, PoE (802.3af), 8 W	12V DC, PoE (802.3af),15 W	12V DC, PoE (802.3af),15 W	12V DC, PoE (802.3af), 8 W

Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.

¹Full Smart Suite: Motion Detection, Line Crossing, Intrusion, Region Entrance, Region Exiting, Unattended Baggage, Object Removal, Scene Change, Sudden Audio Increase/Decrease, Audio Loss, Defocus, Object Counting, Defog

INDOOR

OUTDOOR

	DS-2DF5232X-AE3	DS-2DF5232X-AEL	DS-2DF6225X-AEL	DS-2DF6A236X-AEL	DS-2DF6A436X-AEL	DS-2DF6A836X-AEL	DS-2DF7232IX-AELW	DS-2DF8236IX-AELW	DS-2DF8236I5X-AELW
Model	 2 MP	 2 MP	 DarkFighter 2 MP	 2 MP	 4 MP	 4K	 2 MP	 DarkFighter 2 MP	 DarkFighter 2 MP
Image Sensor	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/1.9" progressive scan CMOS	1/1.9" progressive scan CMOS	1/1.9" progressive scan CMOS	2/3" progressive scan CMOS	1/2.8" progressive scan CMOS	1/1.9" progressive scan CMOS	1/1.9" progressive scan CMOS
Min. Illumination (lux)	Color: 0.05 @ f/1.8 B/W: 0.01 @ f/1.8	Color: 0.05 @ f/1.8 B/W: 0.01 @ f/1.8	Color: 0.002 Lux @ f/1.5 B/W: 0.0002 Lux @ f/1.5	Color: 0.002 Lux @ f/1.5 B/W: 0.0002 Lux @ f/1.5	Color: 0.005 Lux @ f/1.5 B/W: 0.0005 Lux @ f/1.5	Color: 0.005 Lux @ F1.5 B/W: 0.0005 Lux @ F1.5	Color: 0.05 @ f/1.6 B/W: 0.01 @ f/1.6	Color: 0.002 @ f/1.5 B/W: 0.0002 @ f/1.5	Color: 0.002 @ f/1.5 B/W: 0.0002 @ f/1.5, 0 with IR
Lens/ Horizontal Angle of View	4.5 to 144 mm, motorized zoom, autofocus/ 61.4° to 2.1°	4.5 to 144 mm, motorized zoom, autofocus/ 61.4° to 2.1°	5.7 to 142.5 mm, motorized zoom, autofocus/ 59.8° to 2.8°	5.7 to 205.2 mm, motorized zoom, autofocus/ 59.8° to 2.0°	5.7 to 205.2 mm, motorized zoom, autofocus/ 51.1° to 1.7°	7.5 mm to 270 mm, motorized zoom, autofocus/ 56.1° to 2.0°	4.5 to 144 mm, motorized zoom, autofocus/ 61.4° to 2.1°	5.7 to 205.2 mm, motorized zoom, autofocus/ 59.8° to 2.0°	5.7 to 205.2 mm, motorized zoom, autofocus/ 59.8° to 2.0°
Optical Zoom (Digital Zoom)	32x (16x)	32x (16x)	25x (16x)	36x	36x	36x	32x (16x)	36x (16x)	36x
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	-5° to 90° (auto flip)	-5° to 90° (auto flip)	-15° to 90° (auto flip)	-20° to 90° (auto flip)	-20° to 90° (auto flip)	-20° to 90° (auto flip)	-10° to 90° (auto flip)	-20° to 90° (auto flip)	-20° to 90° (auto flip)
Pan & Tilt Speed (Manual)	Pan: 0.1°/s to 300°/sec. Tilt: 0.1°/s to 240°/sec.	Pan: 0.1°/s to 300°/sec. Tilt: 0.1°/s to 240°/sec.	Pan: 0.1°/s to 300°/sec. Tilt: 0.1°/s to 240°/sec.	Pan: 0.1°/s to 300°/sec. Tilt: 0.1°/s to 240°/sec.	Pan: 0.1°/s to 300°/sec. Tilt: 0.1°/s to 240°/sec.	Pan: 0.1°/s to 300°/sec. Tilt: 0.1°/s to 240°/sec.	Pan: 0.1°/s to 210°/sec. Tilt: 0.1°/s to 150°/sec.	Pan: 0.1°/s to 210°/sec. Tilt: 0.1°/s to 150°/sec.	Pan: 0.1° to 210°/sec. Tilt: 0.1° to 150°/sec.
Pan & Tilt Speed (Preset)	Pan: 540°/sec. Tilt: 400°/sec.	Pan: 540°/sec. Tilt: 400°/sec.	Pan: 540°/sec. Tilt: 400°/sec.	Pan: 540°/sec. Tilt: 400°/sec.	Pan: 540°/sec. Tilt: 400°/sec.	Pan: 540°/sec. Tilt: 400°/sec.	Pan: 280°/sec. Tilt: 250°/sec.	Pan: 280°/sec. Tilt: 250°/sec.	Pan: 280°/sec. Tilt: 250°/sec.
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/92 dB	TRUE/Yes/92 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB
Electronic Image Stabilization	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IR Range Max. (Meters)	---	---	---	---	---	---	150	200	500
Smart Features/ Presets/Tours/Patterns	PTZ Suite ¹ / 300/8/4	PTZ Suite ¹ / 300/8/4	PTZ Suite ¹ / 300/8/4	PTZ Suite ¹ / 300/8/4	PTZ Suite ¹ / 300/8/4	PTZ Suite ¹ / 300/8/4	PTZ Suite ¹ / 300/8/4	PTZ Suite ¹ / 300/8/4	PTZ Suite ¹ / 300/8/4
Video Compression	H.265+/H.265/ H.264+/H.264	H.265+/H.265/ H.264+/H.264	H.265+/H.265/ H.264+/H.264	H.265+/H.265/ H.264+/H.264	H.265+/H.265/ H.264+/H.264	H.265+/H.265/ H.264+/H.264	H.265+/H.265/ H.264+/H.264	H.265+/H.265/ H.264+/H.264	H.265+/H.265/ H.264+/H.264
Maximum Image Resolution (pixels)	1920x1080	1920x1080	1920x1080	1920x1080	2560x1440	4096x2160	1920x1080	1920x1080	1920x1080
Frame Rate (fps)	30 @ 1920x1080, 1280x960, 1280x720, 60 @ 1920x1080, 1280x960, 1280x720 with WDR off	30 @ 1920x1080, 1280x960, 1280x720, 60 @ 1920x1080, 1280x960, 1280x720 with WDR off	30 @ 1920x1080, 1280x960, 1280x720, 60 @ 1920x1080, 1280x960, 1280x720 with WDR off	30 @ 1920x1080, 1280x960, 1280x720, 60 @ 1920x1080, 1280x960, 1280x720	30 @ 2560x1440, 2048x1536, 1920x1080, 1280x960, 1280x720	30 @ 4096x2160, 3840x2160, 3072x1728, 2560x1440, 2048x1536, 1920x1080, 1280x960, 1280x720	30 @ 1920x1080, 1280x960, 1280x720, 60 @ 1920x1080, 1280x960, 1280x720 with WDR off	30 @ 1920x1080, 1280x960, 1280x720, 60 @ 1920x1080, 1280x960, 1280x720 with WDR off	30 @ 1920x1080, 1280x960, 1280x720, 60 @ 1920x1080, 1280x960, 1280x720
Local Storage	MicroSD, 256 GB max.	MicroSD, 256 GB max.	MicroSD, 256 GB max.	MicroSD, 256 GB max.	MicroSD, 256 GB max.	MicroSD, 256 GB max.	MicroSD, 256 GB max.	MicroSD, 256 GB max.	MicroSD, 128 GB max.
Ratings	UL/cUL Listed	IP66, UL/cUL Listed	IP67/IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP67, UL/cUL Listed
Operating Temperature Range	-10° C to 50° C (14° F to 122° F)	-40° C to 65° C (-40° F to 149° F)	-40° C to 65° C (-40° F to 149° F)	-40° C to 70° C (-40° F to 158° F)	-40° C to 70° C (-40° F to 158° F)	-40° C to 70° C (-40° F to 158° F)	-40° C to 65° C (-40° F to 149° F)	-40° C to 65° C (-40° F to 149° F)	-40° C to 70° C (-40° F to 158° F)
Power Requirements (max.)	24 VAC, Hi-PoE (802.3at), 60 W, PoE Injector Included	24 VAC, Hi-PoE (802.3at), 60 W, PoE Injector Included	24 VAC, Hi-PoE (802.3at), 60 W, PoE Injector Included	24 VAC (Max. 60 W), Hi-PoE (Max. 50 W), PoE Injector Included	24 VAC (Max. 60 W), Hi-PoE (Max. 50 W), PoE Injector Included	24 VAC (Max. 60 W), Hi-PoE (Max. 50 W), PoE Injector Included	24 VAC, Hi-PoE (802.3at), 60 W, PoE Injector Included	24 VAC, Hi-PoE (802.3at), 60 W, PoE Injector Included	24 VAC (Max. 60 W), Hi-PoE (Max. 50 W), PoE Injector Included





Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.; Command Protocols: Hikvision and Pelco D/P
¹PTZ Suite: Line Crossing, Intrusion, Region Entrance, Region Exiting, Sudden Audio Increase/Decrease, Audio Loss, Defog


NETWORK PTZ CAMERAS - SMART PRO SERIES

OUTDOOR

DARKFIGHTERX

DEEPIVUE PANOVU






	DS-2DF8250I5X-AELW	DS-2DF8436I5X-AELW NEW	DS-2DF8436I5X-AELW NEW	DS-2DF8836I5X-AELW NEW	DS-2DF8836I5X-AELW NEW	DS-2DF8225IH-AELW NEW
Model	 <i>*Optical Image Stabilization</i> 2 MP	 4 MP	 4 MP	 DarkFighter 4K	 4K	 DarkFighterX 2 MP
Image Sensor	1/2.8" progressive scan CMOS	1/1.9" progressive scan CMOS	1/1.9" progressive scan CMOS	2/3" progressive scan CMOS	2/3" progressive scan CMOS	2x 1/2.8" Progressive Scan CMOS
Min. Illumination (lux)	Color: 0.05 @ f/1.8 B/W: 0.01 @ f/1.8	Color: 0.005 Lux @ f/1.5 B/W: 0.0005 Lux @ f/1.5	Color: 0.005 Lux @ f/1.5 B/W: 0.0005 Lux @ f/1.5	Color: 0.005 Lux @ f/1.5 B/W: 0.0005 Lux @ f/1.5	Color: 0.005 Lux @ f/1.5 B/W: 0.0005 Lux @ f/1.5	Color: 0.001 Lux @ f/1.5 B/W: 0.0001 Lux @ f/1.5
Lens/ Horizontal Angle of View	6.6 to 330 mm, motorized zoom, autofocus/ 41.3° to 1.1°	5.7 to 205.2 mm, motorized zoom, autofocus/ 51.1° to 1.7°	5.7 to 205.2 mm, motorized zoom, autofocus/ 51.1° to 1.7°	7.5 to 270 mm, motorized zoom, autofocus/ 56.1° to 1.5°	7.5 to 270 mm, motorized zoom, autofocus/ 56.1° to 1.5°	4.8 to 120 mm, motorized zoom, autofocus/ 58.2° to 3.2°
Optical Zoom (Digital Zoom)	50x (16x)	36x	36x	36x (16x)	36x	25x (16x)
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	-20° to 90° (auto flip)	-20° to 90° (auto flip)	-20° to 90° (auto flip)	-20° to 90° (auto flip)	-20° to 90° (auto flip)	-20° to 90° (auto flip)
Pan & Tilt Speed (Manual)	Pan: 0.1°/s to 160°/sec. Tilt: 0.1°/s to 120°/sec.	Pan: 0.1° to 210°/sec. Tilt: 0.1° to 150°/sec.	Pan: 0.1° to 210°/sec. Tilt: 0.1° to 150°/sec.	Pan: 0.1°/s to 210°/sec. Tilt: 0.1°/s to 150°/sec.	Pan: 0.1°/s to 210°/sec. Tilt: 0.1°/s to 150°/sec.	Pan: 0.1°/s to 210°/sec. Tilt: 0.1°/s to 150°/sec.
Pan & Tilt Speed (Preset)	Pan: 240°/sec. Tilt: 200°/sec.	Pan: 280°/sec. Tilt: 250°/sec.	Pan: 280°/sec. Tilt: 250°/sec.	Pan: 280°/sec. Tilt: 250°/sec.	Pan: 280°/sec. Tilt: 250°/sec.	Pan: 280°/sec. Tilt: 250°/sec.
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/92 dB	TRUE/Yes/92 dB	TRUE/Yes/Digital	TRUE/Yes/92 dB	TRUE/Yes/Digital
Image Stabilization	Optical	Yes	Yes	Electronic	Yes	Electronic
IR Range Max. (Meters)	500	200	500	200	200	200
Smart Features/ Presets/Tours/Patterns	PTZ Suite/ ¹ / 300/8/4	PTZ Suite/ ¹ / 300/8/4	PTZ Suite/ ¹ / 300/8/4	PTZ Suite/ ¹ / 300/8/4	PTZ Suite/ ¹ / 300/8/4	PTZ Suite/ ¹ / 300/8/4
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Maximum Image Resolution (pixels)	1920x1080	2560x1440	2560x1440	3840x2160	4096x2160	1920x1080
Frame Rate (fps)	30 @ 1920x1080, 1280x960, 1280x720, 60 @ 1920x1080, 1280x960, 1280x720 with WDR off	30 @ 2560x1440, 2048x1536, 1920x1080, 1280x960, 1280x720	30 @ 2560x1440, 2048x1536, 1920x1080, 1280x960, 1280x720	30 @ 3840x2160, 3072x1728, 2560x1440, 1920x1080, 1280x960, 1280x720	30 @ 4096x2160, 3840x2160, 3072x1728, 2560x1440, 1920x1080, 2048x1536, 1920x1080, 1280x960, 1280x720	30 @ 1920x1080, 1280x960, 1280x720
Local Storage	MicroSD, 256 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 256 GB max.	MicroSD, 256 GB max.	MicroSD, 256 GB max.
Ratings	IP66, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP66, UL/cUL Listed	IP67, UL/cUL Listed	IP66, UL/cUL Listed
Operating Temperature Range	-40° C to 65° C (-40° F to 149° F)	-40° C to 70° C (-40° F to 158° F)	-40° C to 70° C (-40° F to 158° F)	-40° C to 65° C (-40° F to 149° F)	-40° C to 70° C (-40° F to 158° F)	-40° C to 65° C (-40° F to 149° F)
Power Requirements (max.)	24 VAC, Hi-PoE (802.3at), 60 W, PoE Injector Included	24 VAC (Max. 60 W) , Hi-PoE (Max. 50 W), PoE Injector Included	24 VAC (Max. 60 W) , Hi-PoE (Max. 50 W), PoE Injector Included	24 VAC, Hi-PoE (802.3at), 60 W, PoE Injector Included	24 VAC (Max. 60 W) , Hi-PoE (Max. 50 W), PoE Injector Included	24 VAC, Hi-PoE (802.3at), 60 W, PoE Injector Included

	iDS-2PT91212IX-DE/S NEW
Model	 Human Detection 2 MP
Wide Angle Image Sensor	1/2.7" Progressive Scan CMOS (8)
Min. Illumination (lux)	Color: 0.002 lux @ f/1.0, AGC On B/W: 0.0005 lux @ f/1.0, AGC On
IR Range Max (Meters)	100
Lens/ Horizontal Angle of View	4 mm, f/1.0/ 92°
Main Stream (fps)	30 @ 1920x1080, 1280x960, 1280x720 60 @ 1920x1080, 1280x960, 1280x720
Stitched Image(s) linkage to PTZ	Yes, 3D intelligent positioning
PTZ Image Sensor / Megapixels	1/2.7" Progressive Scan CMOS / 2.0
PTZ Lens	5.0 to 50mm, 10x (16x digital)
Min. Illumination (lux)	Color: 0.0035 @ f/1.6, AGC On B/W: 0 lux with IR
Pan/Tilt Rotation	Pan: 210° Tilt: -22° to 22°
Pan & Tilt Speed Manual / Preset	Pan: 0.1° to 200° per sec. / 300° per sec. Tilt: 0.1° to 120° per sec. / 120° per sec.
Image Enhancement	3D DNR, BLC, DWDR, EIS, Defog
Smart Features/Presets/ Tours/Patterns	PTZ Suite/ ¹ / 300/8/4
Smart Tracking	Yes
Video Compression	H.265+/H.265/H.264+/H.264
Main Stream (fps)	30 @ 1920x1080, 1280x960, 1280x720 60 @ 1920x1080, 1280x960, 1280x720
Alarm Input/Output	1/1
Audio Input/Output	1/1
Local Storage	MicroSD, 256 GB max.
Ratings	IP66 UL/cUL Listed
Operating Temperature Range	-40° C to 70° C (-40° F to 158° F)
Power Requirements (max.)	12V DC, HiPoE, 45W

Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.; Command Protocols: Hikvision and Pelco D/P
¹PTZ Suite: Line Crossing, Intrusion, Region Entrance, Region Exiting, Sudden Audio Increase/Decrease, Audio Loss, Defog

STAINLESS OUTDOOR DOME

STAINLESS OUTDOOR BULLET


	DS-2XC6122FWD-IS	DS-2XC6142FWD-IS	DS-2CD6626DS-IZHS	DS-2CD6626BS-R	DS-2CD6626B/E-HIR5	DS-2CD6626B/E-HIRA
Model		 NEW	 DarkFighter	 DarkFighter	 DarkFighter	 DarkFighter
Image Sensor	1/2.7" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS
Min. Illumination (lux)	Color: 0.01 Lux @ f/1.2 B/W: 0.028 Lux @ f/2.0	Color: 0.01 Lux @ f/1.2 B/W: 0.028 Lux @ f/2.0	Color: 0.002 @ f/1.2 B/W: 0 with IR	Color: 0.002 @ f/1.2, AGC On B/W: 0.0002 @ f/1.2, AGC On	Color: 0.002 @ f/1.2, AGC On B/W: 0.0002 @ f/1.2, AGC On, 0 with IR	Color: 0.002 @ f/1.2, AGC On B/W: 0.0002 @ f/1.2, AGC On, 0 with IR
Lens/ Horizontal Angle of View	2.8 mm/ 100° 4 mm/ 91° 6 mm/ 60°	4 mm/ 83° 6 mm/ 55.4°	2.8 to 12 mm @ f/1.4, motorized, autofocus/ 92° to 32°	16 mm/ 25°	3.8 to 16 mm/ 100.6° to 27.3°	11 to 40 mm/ 35.8° to 11.2°
Pan/Tilt/Rotation	0° to 75°/ -30° to 30°/0° to 360°	0° to 75°/ -30° to 30°/0° to 360°	0° to 355°/ 0° to 75°/0° to 355°	---	---	---
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB
IR Range Max (meters)	10	10	30	---	50	100
Video Compression	H.265/H.264	H.265+/H.265/H.264+/H.264	H.264/MPEG4/MJPEG	H.264/MPEG4/MJPEG	H.264/MPEG4/MJPEG	H.264/MPEG4/MJPEG
Max. Image Resolution (pixels)	1920x1080	2560 x 1440	1920x1080	1920x1080	1920x1080	1920x1080
Frame Rate (fps)	24 @ 1920x1080, 1280x960, 1280x720	24 @ 2560x1440, 1920x1080, 1280x720, 528x384	30 @ 1920x1080, 1280x960, 1280x720 (60 @ 1920x1080, 1280x960 1280x720 with WDR off)	60 @ 1920x1080, 1280x960, 1280x720	60 @ 1920x1080, 1280x960, 1280x720	60 @ 1920x1080, 1280x960, 1280x720
Multi-Streaming	Triple	Triple	---	Triple	Triple	Triple
Smart Features	---	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹
Image Enhancement	3D DNR, BLC, AWB, WDR	3D DNR, AWB, Defog	3D DNR, EIS, Defog	3D DNR, AWB, EIS, Defog	3D DNR, AWB, EIS, Defog	3D DNR, AWB, EIS, Defog
Audio Input/Output	---	Yes	IN: 1 line/mic OUT: 1 line	IN: 1 line/mic OUT: 1 line	IN: 1 line/mic OUT: 1 line	IN: 1 line/mic OUT: 1 line
Alarm Input/Output	1/1	---	1/1	1/1	1/1	1/1
Local Storage	MicroSD 128 GB max.	1/1	MicroSD 128 GB max.	No	MicroSD 128 GB max.	MicroSD 128 GB max.
Ratings	316L Stainless Steel, IP67, UL/cUL Listed, Anti-corrosion, NEMA 4X, WF2, C5-M	MicroSD 128 GB max.	316L Stainless Steel, IP67, IK10, UL/cUL Listed, Anti-corrosion, NEMA 4X, WF2, C5-M	316L Stainless Steel, IP67, IK10, UL/cUL Listed, Anti-corrosion, NEMA 4X, WF2, C5-M	316L Stainless Steel, IP67, IK10, UL/cUL Listed, Anti-corrosion, NEMA 4X, WF2, C5-M	316L Stainless Steel, IP67, IK10, UL/cUL Listed, Anti-corrosion, NEMA 4X, WF2, C5-M
Operating Temperature Range	-30° C to 60° C (-40° F to 140° F)	316L Stainless Steel, IP67, UL/cUL Listed, Anti-corrosion, NEMA 4X, WF2, C5-M	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)
Power Requirements (max.)	12V DC, PoE (802.3af), 5 W	-30° C to 60° C (-40° F to 140° F)	24 VAC, 12V DC, PoE (802.3af), 16 W	24 VAC, 12V DC, PoE (802.3af), 13 W	24 VAC, 60 W	24 VAC, 60 W

Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.; Command Protocols: Hikvision and Pelco D/P


¹Full Smart Suite: Motion Detection, Line Crossing, Intrusion, Region Entrance, Region Exiting, Unattended Baggage, Object Removal, Scene Change, Sudden Audio Increase/Decrease, Audio Loss, Defocus, Object Counting, Defog



DETENTION GRADE CORNER MOUNT

Model	DS-2CD6W32FWD-IVSD
	 NEW 3 MP
Image Sensor	1/3" progressive scan CMOS
Min. Illumination (lux)	Color: 0.1 Lux @ f/1.2, AGC On B/W: 0 Lux with IR
Lens/ Horizontal Angle of View	2 mm/ 135° x 98°
Pan/Tilt/Rotation	---
Day/Night/BLC/WDR	TRUE/Yes/120 dB
IR Range Max (meters)	10 (980nm invisible IR)
Video Compression	H.264/MPEG4/MJPEG
Max. Image Resolution (pixels)	2048 x 1536
Frame Rate (fps)	30 @ 2048x1536
Multi-Streaming	Dual
Smart Features	Basic Smart Suite ¹
Image Enhancement	3D DNR
Audio Input/Output	---
Alarm Input/Output	IN: 1 line/mic OUT: 1 line
Local Storage	1/1
Ratings	MicroSD 64 GB max.
Operating Temperature Range	Aluminum, IP66, IK10, UL/cUL Listed,
Power Requirements (max.)	-30° C to 60° C (-22° F to 140° F)
Power Requirements (max.)	12V DC, PoE (802.3af), 12 W

STAINLESS OUTDOOR PTZ

Model	DS-2DT6223-AELY
	 DarkFighter SS 2 MP
Image Sensor	1/1.9" progressive scan CMOS
Min. Illumination (lux)	Color: 0.002 @ f/1.5, AGC On B/W: 0.0002 @ f/1.5 AGC On
Lens/ Horizontal Angle of View	5.9 to 135.7 mm, motorized zoom, autofocus/ 59.8° to 3.0°
Optical Zoom (Digital Zoom)	23x (16x Digital)
Pan Range	360° endless
Tilt Range	-20° to 90° (auto flip)
Pan & Tilt Speed (Manual)	Pan: 0.1° to 300°/sec. Tilt: 0.1° to 240°/sec.
Pan & Tilt Speed (Preset)	Pan: 540°/sec. Tilt: 400°/sec.
Day/Night/BLC/WDR	TRUE/Yes/120 dB
Image Stabilization	Yes
IR Range Max. (Meters)	---
Smart Features/ Presets/Tours/Patterns	PTZ Suite ¹ / 300/8/4
Video Compression	H.264/MJPEG/MPEG4
Maximum Image Resolution (pixels)	1920x1080
Frame Rate (fps)	30 @ 1920x1080, 1280x960, 1280x720
Local Storage	MicroSD, 128 GB max.
Ratings	316L Stainless Steel, IP67, IK10, UL/ cUL Listed
Operating Temperature Range	-40° C to 65° C (-40° F to 149° F)
Power Requirements (max.)	24 VAC, Hi-PoE (802.3at), 60 W, PoE Injector Included


OUTDOOR UPRIGHT PTZ

Model	DS-2DY5223IW-AE
	 DarkFighter 2 MP
Model	DS-2DY9236X-A
	 NEW 2 MP
Model	DS-2DY9236IX-A
	 NEW 2 MP
Model	DS-2DY9236I8X-A
	 NEW 2 MP
Image Sensor	1/1.9" progressive scan CMOS
Min. Illumination (lux)	Color: 0.002 @ f/1.5, AGC On nB/W: 0.0002 @ f/1.5, AGC On
Lens/ Horizontal Angle of View	5.9 to 135.7 mm, motorized zoom, autofocus/ 59.8° to 3.0°
Optical Zoom (Digital Zoom)	23x (16x)
Pan Range	360° endless
Tilt Range	-90° to 90°
Pan & Tilt Speed (Manual)	Pan: 0.1° to 200°/sec. Tilt: 0.1° to 50°/sec.
Pan & Tilt Speed (Preset)	Pan: 540°/sec. Tilt: 400°/sec.
Day/Night/BLC/WDR	TRUE/Yes/120 dB
Image Stabilization	Electronic
IR Range Max. (Meters)	150
Smart Features/ Presets/Tours/Patterns	PTZ Suite ¹ / 300/8/4
Video Compression	H.264/MJPEG
Maximum Image Resolution (pixels)	1920x1080
Frame Rate (fps)	30 @ 1920x1080, 1280x960, 1280x720 60 @ 1920x1080, 1280x 960, 1280x720
Local Storage	MicroSD, 128 GB max.
Ratings	IP66, UL/cUL Listed
Operating Temperature Range	-40° C to 65° C (-40° F to 158° F)
Power Requirements (max.)	24 VAC, Hi-PoE (802.3at), 45 W, PoE Injector Included
Model	DS-2DY9236X-A
	 NEW 2 MP
Model	DS-2DY9236IX-A
	 NEW 2 MP
Model	DS-2DY9236I8X-A
	 NEW 2 MP
Image Sensor	1/1.9" progressive scan CMOS
Min. Illumination (lux)	Color: 0.002 @ f/1.5, AGC On B/W: 0.0002 @ f/1.5, AGC On
Lens/ Horizontal Angle of View	5.6 mm to 207 mm, motorized zoom, autofocus/ 59.8° to 2.0°
Optical Zoom (Digital Zoom)	36x
Pan Range	360° endless
Tilt Range	-40° to 90°
Pan & Tilt Speed (Manual)	Pan: 0.1° to 100°/sec. Tilt: 0.1° to 40°/sec.
Pan & Tilt Speed (Preset)	Pan: 100°/sec. Tilt: 100°/sec.
Day/Night/BLC/WDR	TRUE/Yes/120 dB
Image Stabilization	Yes
IR Range Max. (Meters)	---
Smart Features/ Presets/Tours/Patterns	PTZ Suite ¹ / 300/8/4
Video Compression	H.265+/H.265/H.264+/H.264
Maximum Image Resolution (pixels)	1920x1080
Frame Rate (fps)	30 @ 1920x1080, 1280x960, 1280x720 60 @ 1920x1080, 1280x 960, 1280x720
Local Storage	MicroSD, 256 GB max.
Ratings	IP66, UL/cUL Listed
Operating Temperature Range	-40° C to 70° C (-40° F to 158° F)
Power Requirements (max.)	24 VAC, 70 W
Model	DS-2DY9236IX-A
	 NEW 2 MP
Model	DS-2DY9236I8X-A
	 NEW 2 MP
Image Sensor	1/1.9" progressive scan CMOS
Min. Illumination (lux)	Color: 0.002 @ f/1.5, AGC On B/W: 0.0002 @ f/1.5, AGC On
Lens/ Horizontal Angle of View	5.6 mm to 207 mm, motorized zoom, autofocus/ 59.8° to 2.0°
Optical Zoom (Digital Zoom)	36x
Pan Range	360° endless
Tilt Range	-40° to 90°
Pan & Tilt Speed (Manual)	Pan: 0.1° to 100°/sec. Tilt: 0.1° to 40°/sec.
Pan & Tilt Speed (Preset)	Pan: 100°/sec. Tilt: 100°/sec.
Day/Night/BLC/WDR	TRUE/Yes/120 dB
Image Stabilization	Yes
IR Range Max. (Meters)	200
Smart Features/ Presets/Tours/Patterns	PTZ Suite ¹ / 300/8/4
Video Compression	H.265+/H.265/H.264+/H.264
Maximum Image Resolution (pixels)	1920x1080
Frame Rate (fps)	30 @ 1920x1080, 1280x960, 1280x720 60 @ 1920x1080, 1280x 960, 1280x720
Local Storage	MicroSD, 256 GB max.
Ratings	IP66, UL/cUL Listed
Operating Temperature Range	-40° C to 70° C (-40° F to 158° F)
Power Requirements (max.)	24 VAC, 110 W


OUTDOOR UPRIGHT PTZ

	DS-2DY9250X-A	DS-2DY9250IX-A	DS-2DY9250IAX-A
Model	 2 MP	 2 MP	 2 MP
Image Sensor	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Min. Illumination (lux)	Color: 0.05 @ f/1.8 B/W: 0.01 @ f/1.8	Color: 0.05 @ f/1.8 B/W: 0.01 @ f/1.8	Color: 0.05 @ f/1.8 B/W: 0.01 @ f/1.8
Lens/ Horizontal Angle of View	6.6 to 330 mm, motorized zoom, autofocus/ 41.3° to 1.1°	6.6 to 330 mm, motorized zoom, autofocus/ 41.3° to 1.1°	6.6 to 330 mm, motorized zoom, autofocus/ 41.3° to 1.1°
Optical Zoom (Digital Zoom)	50x (16x)	50x (16x)	50x (16x)
Pan Range	360° endless	360° endless	360° endless
Tilt Range	-40° to 90°	-40° to 90°	-40° to 90°
Pan & Tilt Speed (Manual)	Pan: 0.1° to 100°/sec. Tilt: 0.1° to 50°/sec.	Pan: 0.1° to 100°/sec. Tilt: 0.1° to 50°/sec.	Pan: 0.1° to 100°/sec. Tilt: 0.1° to 50°/sec.
Pan & Tilt Speed (Preset)	Pan: 100°/sec. Tilt: 100°/sec.	Pan: 100°/sec. Tilt: 100°/sec.	Pan: 100°/sec. Tilt: 100°/sec.
Day/Night/BLC/WDR	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/Digital
Image Stabilization	Optical	Optical	Optical
IR Range Max. (Meters)	---	150	1000 (Laser)
Smart Features/ Presets/Tours/Patterns	PTZ Suite ¹ / 300/8/4	PTZ Suite ¹ / 300/8/4	PTZ Suite ¹ / 300/8/4
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Maximum Image Resolution (pixels)	1920x1080	1920x1080	1920x1080
Frame Rate (fps)	30 @ 1920x1080, 1280x960, 1280x720 60 @ 1920x1080, 1280x960, 1280x720	30 @ 1920x1080, 1280x960, 1280x720 60 @ 1920x1080, 1280x960, 1280x720	30 @ 1920x1080, 1280x960, 1280x720 60 @ 1920x1080, 1280x960, 1280x720
Local Storage	MicroSD, 256 GB max.	MicroSD, 256 GB max.	MicroSD, 256 GB max.
Ratings	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed
Operating Temperature Range	-40° C to 70° C (-40° F to 158° F)	-40° C to 70° C (-40° F to 158° F)	-40° C to 70° C (-40° F to 158° F)
Power Requirements (max.)	24 VAC, 110W	24 VAC, 110W	24 VAC, 110W

OUTDOOR EXPLOSION PROOF PTZ

	DS-2DF6223-CX
Model	 2 MP DarkFighter SS Explosion Proof
Image Sensor	1/1.9" progressive scan CMOS
Min. Illumination (lux)	Color: 0.002 Lux @ f/1.5 B/W: 0.0002 Lux @ f/1.5
Lens/ Horizontal Angle of View	5.9 to 135.7 mm, motorized zoom, autofocus/ 59.8° to 3.0°
Optical Zoom	23x
Pan Range	360° endless
Tilt Range	0° to 90° (Auto Flip)
Pan & Tilt Speed (Manual)	Pan: 0.1°/s to 300°/sec Tilt: 0.1°/s to 240°/sec
Pan & Tilt Speed (Preset)	Pan: 540°/sec. Tilt: 400°/sec.
Day/Night/BLC/WDR	TRUE/Yes/120 dB
Electronic Image Stabilization	Yes
IR Range Max (Meters)	---
Smart Features/ Presets/Tours/Patterns	PTZ Suite ¹ / 300/8/4
Video Compression	H.265+/H.265/H.264+/H.264
Max. Image Resolution (pixels)	1920 x 1080
Frame Rate (fps)	30 @ 1920x1080, 1280x960, 1280x720 60 @ 1920x1080, 1280x960, 1280x720 with WDR off
Local Storage	MicroSD, 128 GB max.
Material/Ratings	316L, IP68
Operating Temperature Range	-40° C to 60° C (-40° F to 140° F)
Power Requirements (max.)	100 VAC to 240 VAC, Max.: 60 W
Certifications	II 2G Ex db IIC T6 Gb II 2D Ex tb IIIC T80oC Db IP68

OUTDOOR EXPLOSION PROOF BULLET

	DS-2XE6222F-IS
Model	 2 MP Explosion Proof SS
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination (lux)	Color: 0.01 Lux @ f/1.2 B/W: 0.001 Lux @ f/1.2
Horizontal Angle of View (Lens)	91° (4 mm) 60° (6 mm) 41.5° (8 mm) 26.6° (12 mm) 20.6° (16 mm)
Pan/Tilt/Rotation	---
Day/Night/BLC/WDR	TRUE/Yes/120 dB
IR Range Max (meters)	30
Video Compression	H.265/H.264
Max. Image Resolution (pixels)	1920 x 1080
Frame Rate (fps)	30 @ 1920x1080, 1280x960, 1280x720
Multi-Streaming	Triple
Smart Features	Full Smart Suite ¹
Image Enhancement	BLC/3D DNR
Motion Detection	Yes
Alarm Input/Output	2/2
Local Storage	MicroSD, 128 GB max.
Material/Ratings	316L, IP68, NEMA 4X, C5-M
Operating Temperature Range	-30°C to +60 °C
Power Requirements (max.)	AC 100 V to 240 V, PoE (802.3af), 6W
Certifications	II 2G Ex db IIC T6 Gb II 2D Ex tb IIIC T80oC Db IP68

Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.; Command Protocols: Hikvision and Pelco D/P










¹Full Smart Suite: Motion Detection, Line Crossing, Intrusion, Region Entrance, Region Exiting, Unattended Baggage, Object Removal, Scene Change, Sudden Audio Increase/Decrease, Audio Loss, Defocus, Object Counting, Defog

¹PTZ Suite: Line Crossing Detection, Intrusion Detection, Region Entrance, Region Exiting, Sudden Audio Increase/Decrease Detection, Audio Loss Detection, Defog

MULTI-SENSOR

DARKFIGHTER

PANOVU

	DS-2CD6D54FWD-IZHS	DS-2CD6D54FWD-Z	DS-2CD6D24FWD-IZHS	DS-2CD6D24FWD-Z	DS-2CD6924F-IS	DS-2PT5326IZ-DE	DS-2PT3326IZ-DE	DS-2DP1636IZ-D	DS-2DP0818IZ-D	
Model	 NEW 20 MP	 NEW 20 MP	 NEW 8 MP	 NEW 8 MP	 NEW 8 MP DarkFighter	 COMING SOON 8 MP	 NEW 8 MP	 COMING SOON 18 MP DarkFighter	 COMING SOON 10 MP DarkFighter	
Image Sensor	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive scan CMOS	Panoramic: Three 1/2.8" progressive scan CMOS PTZ: 1/2.8" progressive scan	Three 1/2.8" progressive scan CMOS PTZ: 1/2.8" progressive scan	Panoramic: Eight 1/1.8" progressive scan CMOS PTZ: 1/1.8" progressive scan CMOS	Panoramic: Four 1/1.8" progressive scan CMOS PTZ: 1/1.8" progressive scan CMOS	
Min. Illumination (lux)	Color: 0.006 Lux @ f/1.2, AGC ON, 0.01 Lux @ f/1.6, AGC ON B/W: 0.002 Lux @ f/1.2, AGC ON, 0.003 Lux @ f/1.6, AGC ON, 0 Lux with IR on	Color: 0.006 Lux @ f/1.2, AGC ON, 0.01 Lux @ f/1.6, AGC ON B/W: 0.002 Lux @ f/1.2, AGC ON, 0.003 Lux @ f/1.6, AGC ON, 0 Lux with IR on	Color: 0.006 Lux @ f/1.2, AGC ON, 0.01 Lux @ f/1.6, AGC ON B/W: 0.002 Lux @ f/1.2, AGC ON, 0.003 Lux @ f/1.6, AGC ON, 0 Lux with IR on	Color: 0.006 Lux @ f/1.2, AGC ON, 0.01 Lux @ f/1.6, AGC ON B/W: 0.002 Lux @ f/1.2, AGC ON, 0.003 Lux @ f/1.6, AGC ON, 0 Lux with IR on	Color: 0.002 Lux @ f/1.2, AGC ON, 0.007 Lux @ f/1.8, AGC ON, B/W: 0.0008 Lux @ f/1.2, AGC ON, 0.002 Lux @ f/1.8, AGC ON, 0 Lux with IR	Panoramic Color: 0.001 Lux @ f/1.6, AGC ON B/W: 0.0005 Lux @ f/1.6, AGC ON, 0 Lux with IR PTZ Color: 0.001 Lux @ f/1.6, AGC ON B/W: 0.0005 Lux @ f/1.6, AGC ON, 0 Lux with IR	Color: 0.05 Lux @ f/2.0, AGC ON, 0.01 Lux @ f/2.0, AGC ON, 0 Lux with IR PTZ Color: 0.05 Lux @ f/2.0, AGC ON B/W: 0.01 Lux @ f/2.0, AGC ON, 0 Lux with IR	Panoramic Color: 0.005 Lux @ f/2.0, AGC ON B/W: 0.0005 Lux @ f/2.0, AGC ON, 0 Lux with IR PTZ Color: 0.002 Lux @ f/1.5, AGC ON B/W: 0.0002 Lux @ f/1.5, AGC ON, 0 Lux with IR	Panoramic Color: 0.005 Lux @ f/2.0, AGC ON B/W: 0.0005 Lux @ f/2.0, AGC ON, 0 Lux with IR PTZ Color: 0.002 Lux @ f/1.5, AGC ON B/W: 0.0002 Lux @ f/1.5, AGC ON, 0 Lux with IR	
Lens/Horizontal Angle of View	2.8 mm to 12 mm/ 30° to 101°	2.8 mm to 12 mm/ 30° to 101°	2.8 mm to 12 mm/ 30° to 96.3°	2.8 mm to 12 mm/ 30° to 96.3°	4 mm /180°	4 mm PTZ 5-50mm/ 80.7° × 3	Panoramic 2 mm PTZ 2.8-12mm / 128.5° × 3	5mm PTZ: 5.6 to 208mm, 36× optical zoom/360°	5mm PTZ: 5.6 to 208mm, 36× optical zoom/180°	
Pan/Tilt/Rotation	-180° to 180°/ 0° to 135°/0° to 355°	-180° to 180°/ 0° to 135°/0° to 355°	-180° to 180°/ 0° to 135°/0° to 355°	-180° to 180°/ 0° to 135°/0° to 355°	0° to 355°/0° to 90°/--	0° to 340°/0° to 90°/--	PTZ: 0° to 350°/0° to 90°/--	PTZ: 360°/-15° to 90°/--	PTZ: 360°/-15° to 90°/--	
Day/Night/BLC/WDR	Yes/Yes/120 dB	Yes/Yes/120 dB	Yes	Yes/Yes/120 dB	Yes/Yes/Digital	Yes/Yes/Digital	Yes/Yes/Digital	Yes/Yes/Digital	Yes/Yes/Optical WDR	
IR Range Max. (meters)	30	---	30	---	20	Panoramic 30, PTZ 50	10	200	200	
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	
Maximum Image Resolution (pixels)	10240x1920 (Total) 2560x1920 (Per sensor)	10240x1920 (Total) 2560x1920 (Per sensor)	7920x1080 (Total) 1980x1080 (Per sensor)	7920x1080 (Total) 1980x1080 (Per sensor)	Panoramic 4096x1800	7920x1080 (Total) PTZ: 1920x1080	7920x1080 (Total) PTZ 1920x1080	Panoramic 4096x1800 PTZ 1920x1080	Panoramic 4096x1800 (Total) PTZ 1920x1080	
Frame Rate (fps)	50Hz: 25fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (4096 × 1800, 4096 × 1440, 4096 × 1080) 60Hz: 30fps (4096 × 1800, 4096 × 1440, 4096 × 1080)	Panoramic camera: Main stream: 50 Hz: 20 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 20 fps (1920 × 1080, 1280 × 960, 1280 × 720) PTZ camera: Main stream: 50 Hz: 20 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 20 fps (1920 × 1080, 1280 × 960, 1280 × 720) Sub-stream: 50 Hz: 20 fps (704 × 576, 640 × 480, 352 × 288) 60 Hz: 20 fps (704 × 576, 640 × 480, 352 × 288)	Panoramic camera: Main stream: 50 Hz: 20 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 20 fps (1920 × 1080, 1280 × 960, 1280 × 720) Sub-stream: 50 Hz: 20 fps (704 × 576, 640 × 480, 352 × 288) 60 Hz: 20 fps (704 × 576, 640 × 480, 352 × 288) PTZ camera: Main stream: 50 Hz: 20 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 20 fps (1920 × 1080, 1280 × 960, 1280 × 720) Sub-stream: 50 Hz: 20 fps (704 × 576, 640 × 480, 352 × 288) 60 Hz: 20 fps (704 × 576, 640 × 480, 352 × 288)	20:9 50Hz: 25fps (4096×1800, 3840×1680, 2720×1192) 60Hz: 30fps (4096×1800, 3840×1680, 2720×1192) 20:6 50Hz: 25fps (4096×1200, 3840×1080, 2720×800) 60Hz: 30fps (4096×1200, 3840×1080, 2720×800)	50Hz: 25fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720)
Multi-Streaming	Triple	Triple	Triple	Triple	Double	Double	Double	Triple	Triple	
Smart Features	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	Full Smart Suite ¹	
Audio Input/Output	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	
Alarm Input/Output	2/2	2/2	2/2	2/2	2/2	1/1		7/2	7/2	
Local Storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB	Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/SDHC/SDXC	Built-in memory card slot, support Micro SD/SDHC/SDXC (up to 128 GB)	
Ratings	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, TVS 2000V	TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	
Operating Temperature Range	-40 °C to 60 °C (-40 °F to 140 °F) Humidity 95% or less (non-condensing)	-30 °C to 60 °C (-22 °F to 140 °F) Humidity 95% or less (non-condensing)	-40 °C to 60 °C (-40 °F to 140 °F) Humidity 95% or less (non-condensing)	-30 °C to 60 °C (-22 °F to 140 °F) Humidity 95% or less (non-condensing)	-40 °C to +60 °C (-40 °F to +140 °F) Humidity 95% or less (non-condensing)	-30°C to 65°C (-22°F to 149°F)	-10°C to 50°C (14°F to 122°F)	Outdoor: -40°C to 70°C (-40°F to 158°F)	Outdoor: -40°C to 70°C (-40°F to 158°F)	
Power Requirements (max.)	Hi-PoE: 42.5 VDC to 57 VDC, 38 W, PoE Injector Included	12V DC, 24V AC (optional) PoE (802.3af) 13 W	Hi-PoE: 42.5 VDC to 57 VDC, 38 W, PoE Injector Included	12V DC, 24V AC (optional) PoE (802.3af) 13W	12 VDC, 1.5A, max. 18W PoE (802.3at, 42.5V to 57V), 0.6A to 0.4A, max. 25 W, PoE Injector Included	12 VDC & PoE+ (802.3 at, class 4) Max.27 W (Max. 9 W for IR), PoE Injector Included	12 VDC & PoE+ (802.3 at, class 4) Max.24 W (Max. 6 W for IR), PoE Injector Included	36 VDC Max.130 W	36 VDC Max.130 W	

Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.

¹Full Smart Suite: Motion Detection, Line Crossing, Intrusion, Region Entrance, Region Exiting, Unattended Baggage, Object Removal, Scene Change, Sudden Audio Increase/Decrease, Audio Loss, Defocus, Object Counting, Defog


OUTDOOR BULLET

	DS-2TD2136-7/10/15/25/35					DS-2TD2166-7/15/25/35				DS-2TD2336-50/75/100			DS-2TD2366-50/75/100		
Model															
	RESOLUTION: Medium					RESOLUTION: High				RESOLUTION: Medium			RESOLUTION: High		
Thermal Sensor	Vanadium Oxide UFPA														
Resolution/Pixel Pitch	384x288/17 μm					640x512/17 μm				384x288 /17 μm			640x512/17 μm		
Thermal Lens	7 mm	10 mm	15 mm	25 mm	35 mm	7 mm	15 mm	25 mm	35 mm	50 mm	75 mm	100 mm	50 mm	75 mm	100 mm
Field of View (HxV)	60°x43.8°	36°x27°	24.6°x18.5°	14.9°x11.2°	11°x8°	88.5°x73.2°	40.0°x32.4°	24.6°x19.8°	17.7°x14.2°	7.5°x5.6°	5.0°x3.7°	3.74°x2.8°	12.4°x10.0°	8.3°x6.6°	6.2°x5.0°
MRAD	2.42	1.7	1.13	0.68	0.49	2.42	1.13	0.68	0.49	0.34	0.23	0.17	0.34	0.23	0.17
Minimum Focus Distance	0.8 m	1 m	2.5 m	13 m	40 m	0.8 m	2.5 m	13 m	40 m	7.5 m	8 m	10 m	7.5 m	8 m	10 m
Spectral Response	8 μm to 14 μm														
NETD	<40mK														
Pseudo Colors	15														
Image Enhancement	3D DNR, Adaptive AGC, DDE														
Pan/Tilt/Rotation	3-axis Positioning														
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG					H.265+/H.265/H.264+/H.264/MJPEG				H.265+/H.265/H.264+/H.264/MJPEG			H.265+/H.265/H.264+/H.264/MJPEG		
Main Stream (fps)	50 @ 384x288					50 @ 640x512, 384x288, 352x288				50 @ 384x288			50 @ 640x512, 384x288, 352x288		
Sub Stream (fps)	50 @ 384x288					50 @ 640x512, 384x288, 352x288				50 @ 384x288			50 @ 640x512, 384x288, 352x288		
Third Stream (fps)	50 @ 384x288					50 @ 640x512, 384x288, 352x288				50 @ 384x288			50 @ 640x512, 384x288, 352x288		
Smart Features	Line cross, Intrusion, Region Entrance/Exit, ROI					Line cross, Intrusion, Region Entrance/Exit, ROI				Line cross, Intrusion, Region Entrance/Exit			Line cross, Intrusion, Region Entrance/Exit		
Alarm on Temperature	Accuracy: +/-8°C, Temp range: -20 to 150°C range for 1-Line and 10-Points and Regions					Accuracy: +/-8°C, Temp range: -20 to 150°C range for 1-Line and 10-Points and Regions				Accuracy: +/-8°C, Temp range: -20 to 150°C range for 1-Line, 10-Points and 10 Regions			Accuracy: +/-8°C, Temp range: -20 to 150°C range for 1-Line, 10-Points and 10 Regions		
Accurate Fire Detection	10 detections														
Alarm Input/Output	2/2, configurable														
Audio Input/Output	1/1														
Local Storage	MicroSD 64 GB max.														
Ratings	IP66, UL/cUL Listed														
Operating Temperature Range	-40° C to 65° C (-40° F to 149° F)					-40° C to 65° C (-40° F to 149° F)				-40° C to 65° C (-40° F to 149° F)			-40° C to 65° C (-40° F to 149° F)		
Power Requirements (max.)	24VAC, 12VDC/3A, PoE+ (802.3at), 22 W					24VAC, 12VDC/3A, PoE+ (802.3at), 22 W				24VAC, 12VDC/3A, 22 W			24VAC, 12VDC/3A, 22 W		



OUTDOOR ACCURATE TEMPERATURE BULLET

OUTDOOR STAINLESS STEEL BULLET

	DS-2TD2136T-10/15/25			DS-2TD2166T-15/25		DS-2TD2466-25Y/50Y	
Model							
	RESOLUTION: Medium			RESOLUTION: High		RESOLUTION: High	
Thermal Sensor	Vanadium Oxide UFPA			Vanadium Oxide UFPA		Vanadium Oxide UFPA	
Resolution/Pixel Pitch	384x288/17 μm			640x512/17 μm		640x512/17 μm	
Thermal Lens	10 mm	15 mm	25 mm	15 mm	25 mm	25 mm	50 mm
Field of View (HxV)	36° × 27°	24.6°×18.5°	14.9°×11.2°	39.9°×32.4°	24.6°×19.8°	24.6°×19.8°	12.4°×10.0°
MRAD	1.70	1.13	0.68	1.13	0.68	0.68	0.34
Minimum Focus Distance	1 m	2.5 m	13 m	2.5 m	13 m	2 m	5 m
Spectral Response	8μm to 14μm			8μm to 14μm		8μm to 14μm	
NETD	<40mK			<40mK		<40mK	
Pseudo Colors	15			15		15	
Image Enhancement	3D DNR, Adaptive AGC, DDE			3D DNR, Adaptive AGC, DDE		3D DNR, Adaptive AGC, DDE	
Pan/Tilt/Rotation	3-axis Positioning			3-axis Positioning		3-axis Positioning	
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG			H.265+/H.265/H.264+/H.264/MJPEG		H.265+/H.265/H.264+/H.264/MJPEG	
Main Stream (fps)	50 @ 384x288			50 @ 640x512, 384x288, 352x288		50 @ 640x512, 384x288, 352x288	
Sub Stream (fps)	50 @ 384x288			50 @ 640x512, 384x288, 352x288		50 @ 640x512, 384x288, 352x288	
Third Stream (fps)	50 @ 384x288			50 @ 640x512, 384x288, 352x288		50 @ 640x512, 384x288, 352x288	
Smart Features	Line cross, Intrusion, Region Entrance/Exit			Line cross, Intrusion, Region Entrance/Exit		Line cross, Intrusion, Region Entrance/Exit	
Alarm on Temperature	Accuracy: Max (±2°C ±2%), Temp range: -20 to 550°C range for 1-Line, 10-Points and 10 Regions			Accuracy: Max (±2°C ±2%), Temp range: -20 to 550°C range for 1-Line, 10-Points and 10 Regions		Accuracy: +/-8°C, Temp range: -20 to 150°C range for 1-Line, 10-Points and 10 Regions	
Accurate Fire Detection	10 detections			10 detections		10 detections	
Alarm Input/Output	2/2, configurable			2/2, configurable		2/2, configurable	
Audio Input/Output	1/1			1/1		1/1	
Local Storage	MicroSD 64 GB max.			MicroSD 64 GB max.		MicroSD 64 GB max.	
Ratings	IP66 UL/cUL Listed			IP66 UL/cUL Listed		IP66 UL/cUL Listed	
Operating Temperature Range	-40° C to 65° C (-40° F to 149° F)			-40° C to 65° C (-40° F to 149° F)		-40° C to 65° C (-40° F to 149° F)	
Power Requirements (max.)	POE+ (802.3at), 24VAC, 12VDC/3A, 22 W			POE+ (802.3at), 24VAC, 12V DC/3A, 22 W		POE+ (802.3at), 24VAC, 12V DC/3A, 22 W	

Standards: Complies with ONVIF (Profile S and G), ISAPI.

***PTZ Suite:** Line Crossing Detection, Intrusion Detection, Region Entrance, Region Exiting, Sudden Audio Increase/Decrease Detection, Audio Loss Detection, Defog

OUTDOOR BULLET

	DS-2TD2615-7/10 NEW		DS-2TD2636-10/15 NEW		DS-2TD2836-25/50 NEW		DS-2TD2866-25/50 NEW	
Model								
	RESOLUTION: Low		RESOLUTION: Medium		RESOLUTION: Medium		RESOLUTION: High	
Thermal Sensor	Vanadium Oxide UFPA		Vanadium Oxide UFPA		Vanadium Oxide UFPA		Vanadium Oxide UFPA	
Resolution / Pixel Pitch	160 x 120 (320x240 output) / 25 µm		384 x 288 / 17 µm		384 x 288 / 17 µm		640 x 512 / 17 µm	
Lens	7 mm	10 mm	10 mm	15 mm	25 mm	50 mm	25 mm	50 mm
Field of View (H x V)	33.9° x 25.0°	23.3° x 17.6°	37.7° x 28.7°	24.2° x 18.4°	14.88° x 11.19°	7.47° x 5.61°	24.55° x 19.75°	12.42° x 9.95°
Spectral Response	8µm to 14µm		8µm to 14µm		8µm to 14µm		8µm to 14µm	
NETD	< 50mk		< 40mk		< 40mk		< 40mk	
MRAD / Minimum Focus Distance	3.57 / 0.8 m	2.50 / 1.0 m	1.70 / 1.0 m	1.13 / 2.5 m	0.68 / 13 m	0.34 / 50 m	0.68 / 13 m	0.34 / 50 m
Pseudo Colors	15		15		15		15	
Optical Sensor / Megapixels	1/2.8" progressive scan CMOS / 2MP		1/2.8" progressive scan CMOS / 2MP		1/2.8" progressive scan CMOS / 2MP		1/2.8" progressive scan CMOS / 2MP	
Min. Illumination (lux)	Color: 0.002 Lux @ f/1.5, AGC On B/W: 0.0002 Lux @ f/1.5, AGC On		Color: 0.002 Lux @ f/1.5, AGC On B/W: 0.0002 Lux @ f/1.5, AGC On		Color: 0.001 Lux @ f/1.2, AGC On B/W: 0.0001 Lux @ f/1.2, AGC On		Color: 0.001 Lux @ f/1.2, AGC On B/W: 0.0001 Lux @ f/1.2, AGC On	
Lens / Field of View (H x V)	6 mm (52.8° x 30.0°)	8 mm (40.0° x 22.4°)	6 mm (52.8° x 30.0°)	8 mm (40.0° x 22.4°)	13 mm (24° x 13.7°)	25 mm (12.7° x 7.2°)	7 mm (43° x 25°)	13 mm (24° x 13.7°)
Day / Night	TRUE		TRUE		TRUE		TRUE	
IR Range Max (meters)	40		40		100		100	
Image Enhancement	Image Fusion, Picture in Picture, DWDR, Adaptive AGC, DDE, 3D DNR		Image Fusion, Picture in Picture, DWDR, Adaptive AGC, DDE, 3D DNR		Image Fusion, Picture in Picture, DWDR, Adaptive AGC, DDE, 3D DNR		Image Fusion, Picture in Picture, DWDR, Adaptive AGC, DDE, 3D DNR	
Smart Features	Line cross, Intrusion, Region Entrance/Exit (Max. 8 VCA rules)		Line cross, Intrusion, Region Entrance/Exit (Max. 8 VCA rules)		Line cross, Intrusion, Region Entrance/Exit (Max. 8 VCA rules)		Line cross, Intrusion, Region Entrance/Exit (Max. 8 VCA rules)	
Alarm on Temperature	Accuracy: +/-8°C, Temp range: -20 to 150°C range for 1-Line, 10-Points and 10 Regions		Accuracy: +/-8°C, Temp range: -20 to 150°C range for 1-Line, 10-Points and 10 Regions		Accuracy: +/-8°C, Temp range: -20 to 150°C range for 1-Line, 10-Points and 10 Regions		Accuracy: +/-8°C, Temp range: -20 to 150°C range for 1-Line, 10-Points and 10 Regions	
Accurate Fire Detection	10 detections		10 detections		10 detections		10 detections	
Video Compression	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile		H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile		H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile		H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile	
Main Stream (fps)	Thermal: 50 @ 160 x 120 (320 x 240 output) Visible: 30 @ 1920x1080, 1280x960, 1280x720		Thermal: 50 @ 384 x 288 Visible: 30 @ 1920x1080, 1280x960, 1280x720		Thermal: 50 @ 384 x 288 Visible: 30 @ 1920x1080, 1280x960, 1280x720		Thermal: 50 @ 640 x 512 Visible: 30 @ 1920x1080, 1280x960, 1280x720	
Sub Stream (fps)	Thermal: 50 @ 160 x 120 (320 x 240 output) Visible: 30 @ 704x480, 352x240, 176x120		Thermal: 50 @ 384 x 288 Visible: 30 @ 704x480, 352x240, 176x120		Thermal: 50 @ 384 x 288 Visible: 30 @ 704x480, 352x240, 176x120		Thermal: 50 @ 640 x 512 Visible: 30 @ 704x480, 352x240, 176x120	
Alarm Input/Output	2/2		2/2		2/2		2/2	
Audio Input/Output	1/1		1/1		1/1		1/1	
Local Storage	MicroSD, 128 GB max.		MicroSD, 128 GB max.		MicroSD, 128 GB max.		MicroSD, 128 GB max.	
Ratings	IP66, UL/cUL Listed		IP66, UL/cUL Listed		IP66, UL/cUL Listed		IP66, UL/cUL Listed	
Operating Temperature Range	-40° C to 60° C (-40° F to 140° F)		-40° C to 60° C (-40° F to 140° F)		-40° C to 60° C (-40° F to 140° F)		-40° C to 60° C (-40° F to 140° F)	

Standards: Complies with ONVIF (Profile S and G), ISAPI.


*PTZ Suite: Line Crossing Detection, Intrusion Detection, Region Entrance, Region Exiting, Sudden Audio Increase/Decrease Detection, Audio Loss Detection, Defog



OUTDOOR PTZ DOME

	DS-2TD4136-25/50	DS-2TD4166-25/50
Model	 NEW RESOLUTION: Medium 2 MP	 NEW RESOLUTION: High 2 MP
Thermal Sensor / Resolution / Pixel Pitch	Vanadium Oxide UFPA / 384x288	Vanadium Oxide UFPA / 640x512 / 17µm
Lens / Field of View	25mm / 21.7°x16.4° 50mm / 11.0°x8.2°	25mm/14.9°x11.2° 50mm/12.4°x10.0°
Spectral Response / NETD	8µm to 14µm / <40mK	8µm to 14µm / <40mK
Pseudo Colors	15	15
Optical Sensor / Megapixels	1/1.9" Progressive Scan CMOS / 2MP	1/1.9" Progressive Scan CMOS
Min. Illumination (lux)	Color: 0.002 lux @ f/1.5, AGC On B/W : 0.0002 lux @ f/1.5, AGC On	Color: 0.002 lux @ f/1.5, AGC On B/W : 0.0002 lux @ f/1.5, AGC On
Lens	5.7 to 205.2 mm, motorized zoom, autofocus	5.7 to 205.2 mm, motorized zoom, autofocus
Optical Zoom (Digital Zoom)	36x (16x)	36x (16x)
Pan Range	360° endless	360° endless
Tilt Range	-15° to 90° (auto flip)	-15° to 90° (auto flip)
Pan & Tilt Speed (Manual)	Pan: 0.1° to 160°/sec. Tilt: 0.1° to 120°/sec.	Pan: 0.1° to 160°/sec. Tilt: 0.1° to 120°/sec.
Pan & Tilt Speed (Preset)	Pan: 240°/sec. Tilt: 200°/sec.	Pan: 240°/sec. Tilt: 200°/sec.
Image Enhancement	BLC, 3D DNR, WDR, EIS	BLC, 3D DNR, WDR, EIS
IR Range Max (Meters)	200 m, Smart IR	200 m, Smart IR
Smart Features/Presets/Tours/Patterns	PTZ Suite ¹ /300/8/4	PTZ Suite ¹ /300/8/4
Smart Tracking	Linkage between thermal and visible; panorama and event tracking	Linkage between thermal and visible; panorama and event tracking
Alarm on Temperature	Accuracy: +/-8°C, Temp range: -20 to 150°C range for 1-Line, 10-Points and 10 Regions	Accuracy: +/-8°C, Temp range: -20 to 150°C range for 1-Line, 10-Points and 10 Regions
Accurate Fire Detection	10 detections with visible zoom, even while scanning	10 detections with visible zoom, even while scanning
Video Compression	H.264 (Base/Main/High Profile)/MJPEG/MPEG4	H.264 (Baseline/Main/High Profile) /MJPEG/MPEG4/H.264+
Main Stream (fps)	Thermal: 25 @ 384x288 Visible: 30 @ 1920x1080, 1280x960, 1280x720	Thermal: 50 @ 640x512 Visible: 30 @ 1920x1080, 1280x960, 1280x720
Sub Stream (fps)	Thermal: 25 @ 384x288 Visible: 30 @ 704x480, 352x240, 176x120	Thermal: 50 @ 640x512 Visible: 30 @ 704x480, 352x240, 176x120
Alarm Input/Output	7/2	7/2
Audio Input/Output	1/1	1/1
Local Storage	MicroSD, 64 GB max.	MicroSD, 64 GB max.
Ratings	IP66 UL/cUL Listed	IP66 UL/cUL Listed
Operating Temperature Range	-40° C to 60° C (40° F to 140° F)	-40° C to 60° C (40° F to 140° F)
Power Requirements (max.)	24VAC, 60W	24VAC, 60W



OUTDOOR BULLET

	DS-2TX3636-15/25/35
Model	 NEW
Thermal Sensor / Resolution / Pixel Pitch	Vanadium Oxide UFPA / 384 x 288
Lens / Field of View	15mm / 24.6° x 18.5° 25mm / 14.9°x11.2° 35mm / 11°x8°
Spectral Response / NETD	8µm to 14µm / <40mk
Pseudo Colors	15
Optical Sensor / Megapixels	1/1.9" progressive scan CMOS / 2MP
Min. Illumination (lux)	Color: 0.002 Lux @ f/1.5, AGC On B/W: 0.0002 Lux @ f/1.5, AGC On
Lens	5.7 to 205.2 mm, motorized zoom, autofocus
Optical Zoom (Digital Zoom)	36x (16x)
Pan Range	360° endless
Tilt Range	-20° to 90° (auto flip)
Pan & Tilt Speed (Manual)	Pan: 0.1° to 160°/sec. Tilt: 0.1° to 120°/sec.
Pan & Tilt Speed (Preset)	Pan: 240°/sec. Tilt: 200°/sec.
Image Enhancement	120 dB WDR, Adaptive AGC, 3D DNR, EIS
IR Range Max (Meters)	200 m, Smart IR
Smart Features/Presets/Tours/Patterns	PTZ Suite ¹ /300/8/4
Smart Tracking	Smart Linkage between thermal and visible; 30 targets up to 110m human detection distance
Video Compression	H.264 (Base/Main/High Profile)/MJPEG/MPEG4
Main Stream (fps)	Thermal: 50 @ 384x288 Visible: 30 @ 1920x1080, 1280x960, 1280x720
Alarm Input/Output	7/2
Audio Input/Output	1/1
Local Storage	MicroSD, 128 GB max.
Ratings	IP66 UL/cUL Listed
Operating Temperature Range	-40° C to 65° C (-40° F to 149° F)
Power Requirements (max.)	24VAC, 80W

Standards: Complies with ONVIF (Profile S and G), ISAPI.

¹PTZ Suite: Line Crossing Detection, Intrusion Detection, Region Entrance, Region Exiting, Sudden Audio Increase/Decrease Detection, Audio Loss Detection, Defog

OUTDOOR UPRIGHT PTZ

Model	DS-2TD6236-50H2L/75C2L NEW		DS-2TD6266-50H2L/75C2L/100C2L NEW		
					
	RESOLUTION: Medium		RESOLUTION: Medium		
Thermal Sensor / Resolution / Pixel Pitch	Vanadium Oxide UFPA / 384 x 288		Vanadium Oxide UFPA / 640x512		
Lens / Field of View	50mm / 7.47° x 5.61°	75mm / 4.98° x 3.74°	50 mm / 12.42° x 9.95°	75 mm / 8.3° x 6.64°	100 mm / 6.23° x 4.98°
Spectral Response / NETD	8µm to 14µm / <40mk		8µm to 14µm / <40mk		
Pseudo Colors	15		15		
Optical Sensor / Megapixels	1/1.9" progressive scan CMOS/ 2MP	1/2.8" progressive scan CMOS/ 2MP	1/1.9" progressive scan CMOS / 2MP	1/2.8" progressive scan CMOS/ 2MP	1/2.8" progressive scan CMOS/ 2MP
Min. Illumination (lux)	Color: 0.002 Lux @ f/1.5, AGC On B/W: 0.0002 Lux @ f/1.5, AGC On	Color: 0.05 Lux @ f/1.8, AGC On B/W: 0.01 Lux @ f/1.8, AGC On	Color: 0.002 Lux @ f/1.5, AGC On B/W: 0.0002 Lux @ f/1.5, AGC On	Color: 0.05 Lux @ f/1.8, AGC On B/W: 0.01 Lux @ f/1.8, AGC On	Color: 0.05 Lux @ f/1.8, AGC On B/W: 0.01 Lux @ f/1.8, AGC On
Lens	5.7 to 205.2 mm, motorized zoom, autofocus	6.7 to 330 mm, motorized zoom, autofocus	5.7 to 205.2 mm, motorized zoom, autofocus	6.7 to 330 mm, motorized zoom, autofocus	6.7 to 330 mm, motorized zoom, autofocus
Optical Zoom (Digital Zoom)	36x (16x)	49x (16x)	36x (16x)	49x (16x)	49x (16x)
Pan Range	360° endless		360° endless		
Tilt Range	-40° to 90°		-40° to 90°		
Pan & Tilt Speed (Manual)	Pan: 0.1° to 110°/sec., Tilt: 0.1° to 50°/sec.		Pan: 0.1° to 110°/sec., Tilt: 0.1° to 50°/sec.		
Pan & Tilt Speed (Preset)	---		---		
Image Enhancement	Adaptive AGC, DDE, 3D DNR	DWDR, Adaptive AGC, DDE, 3D DNR	120 dB WDR, Adaptive AGC, DDE, 3D DNR	DWDR, Adaptive AGC, DDE, 3D DNR	DWDR, Adaptive AGC, DDE, 3D DNR
IR Range Max (Meters)	500 m, Smart IR		500 m, Smart IR		
Smart Features/Presets/Tours/Patterns	PTZ Suite ¹ /300/8/4		PTZ Suite ¹ /300/8/4		
Smart Tracking	Linkage between thermal and visible; panorama and event tracking		Linkage between thermal and visible; panorama and event tracking		
Alarm on Temperature	Accuracy: +/-8°C, Temp range: -20 to 150°C range for 1-Line, 10-Points and 10 Regions		Accuracy: +/-8°C, Temp range: -20 to 150°C range for 1-Line, 10-Points and 10 Regions		
Accurate Fire Detection	10 detections with visible zoom, even while scanning		10 detections with visible zoom, even while scanning		
Video Compression	H.264 (Base/Main/High Profile)/MJPEG/MPEG4		H.264 (Base/Main/High Profile)/MJPEG/MPEG4		
Main Stream (fps)	Thermal: 50 @ 384x288 Visible: 30 @ 1920x1080, 1280x960, 1280x720		Thermal: 50 @ 640x512 Visible: 30 @ 1920x1080, 1280x960, 1280x720		
Sub Stream (fps)	Thermal: 50 @ 384x288 Visible: 30 @ 704x480, 352x240, 176x120		Thermal: 50 @ 640 x 512 Visible: 30 @ 704x480, 352x240, 176x120		
Alarm Input/Output	7/2		7/2		
Audio Input/Output	7/2		7/2		
Local Storage	MicroSD, 64 GB max.		MicroSD, 64 GB max.		
Ratings	IP66, UL/cUL Listed		IP66, UL/cUL Listed		
Operating Temperature Range	-40° C to 60° C (-40° F to 140° F)		-40° C to 60° C (-40° F to 140° F)		
Power Requirements (max.)	24VAC, 120W		24VAC, 120W		

MONOCULAR HANDHELD CAMERA

Model	DS-2TS03-25UM/W
	
	RESOLUTION: Medium
Thermal Sensor	Vanadium Oxide UFPA
Resolution / Pixel Pitch	384x288 / 25 µm
Thermal Lens / Field of View	25 mm / 14.9° x 11.2°
NETD / MRAD	< 50mk / 0.68
Spectral Response	8µm to 14µm
Image Enhancement	3D DNR, Adaptive AGC, DDE
Display	1024x768, 0.39-inch, OLED
Digital Zoom	2x
Color Palettes	3
Battery	Built-in rechargeable Li-ion
Battery Life	Up to 5 hours
Local Storage	16 GB
Interface	USB
Standards	IP67
Operating Temperature Range	-30°C to 55°C (-22°F to 131°F)
Power Requirements (max.)	5V DC/2A, 2W



Standards: Complies with ONVIF (Profile S and G), ISAPI.

¹PTZ Suite: Line Crossing Detection, Intrusion Detection, Region Entrance, Region Exiting, Sudden Audio Increase/Decrease Detection, Audio Loss Detection, Defog



NETWORK VIDEO RECORDERS

PRO SERIES

	DS-9616NI-I8	DS-9632NI-I8	DS-9632NI-I16	DS-9664NI-I8
Model				
Max. Recording Resolution	12 MP	12 MP	12 MP	12 MP
Video Compression	H.265+/H.265/H.264+/H.264/MPEG4/MJPEG	H.265+/H.265/H.264+/H.264/MPEG4/MJPEG	H.265+/H.265/H.264+/H.264/MPEG4	H.265+/H.265/H.264+/H.264/MPEG4/MJPEG
HDMI/VGA Output	3840x2160/2560x1440 (HDMI1/VGA1 Synchronous), 1920x1080/1920x1080 (HDMI2/VGA2 Synchronous), HDMI1/HDMI2 Independent	3840x2160/2560x1440 (HDMI1/VGA1 Synchronous), 1920x1080/1920x1080 (HDMI2/VGA2 Synchronous), HDMI1/HDMI2 Independent	3840x2160/2560x1440 (HDMI1/VGA1 Synchronous), 1920x1080/1920x1080 (HDMI2/VGA2 Synchronous), HDMI1/HDMI2 Independent	3840x2160/2560x1440 (HDMI1/VGA1 Synchronous), 1920x1080/1920x1080 (HDMI2/VGA2 Synchronous), HDMI1/HDMI2 Independent
IP Video Inputs	16	32	32	64
Alarm Input/Output	16/4	16/4	16/8	16/4
USB	2 USB 2.0; 1 USB 3.0	2 USB 2.0; 1 USB 3.0	2 USB 2.0; 1 USB 3.0	2 USB 2.0; 1 USB 3.0
RAID Support	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
Internal SATA	8 SATA interfaces (up to 6 TB each)	8 SATA interfaces (up to 6 TB each)	16 SATA interfaces (up to 6 TB each)	8 SATA interfaces (up to 6 TB each)
Maximum Internal Storage	48 TB	48 TB	96 TB	48 TB
eSATA Interface	Yes	Yes	Yes	Yes
Support DVD-RW	Yes, replaces 4x SATA	Yes, replaces 4x SATA	---	Yes, replaces 4x SATA
Max. Incoming Bandwidth (Mbps)	256 (200 with RAID)	320 (200 with RAID)	320 (200 with RAID)	320 (200 with RAID)
Maximum Outgoing Bandwidth (Mbps)	256 (200 with RAID)	256 (200 with RAID)	256 (200 with RAID)	256 (200 with RAID)
Ratings	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
Rack Units	2	2	3	2
Power Requirements	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC, 50 to 60 Hz
Power Consumption	≤30 W without HDD or DVD-R/W	≤30 W without HDD or DVD-R/W	≤45 W without HDD or DVD-R/W	≤30 W without HDD or DVD-R/W

Standards: Complies with ONVIF (Profile S), CGI ASAPI. Contact factory for details.

*Requires rack shelf (not included) to mount in a 19" equipment rack; it is not recommended to rack mount the unit using rack rails and rack ears (not included) due to the weight. Weight without HDD ≤15.86 Kg (31.79 lb)

NETWORK VIDEO RECORDERS

PRO SERIES

DEEPINMIND SERIES

	DS-96064NI-I16	DS-96128NI-I24/H	DS-96256NI-I24/H	iDS-9632NXI-I8/16S	iDS-9632NXI-I8/4F
Model				 Human Detection	 Face Detection COMING SOON
Max. Recording Resolution	12 MP	12 MP	12 MP	12 MP	12MP
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264/MPEG4/MJPEG	H.265+/H.265/H.264+/H.264/MPEG4/MJPEG	H.265+/H.265/H.264+/H.264/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
HDMI/VGA Output	2 HDMI 4K (4096 x 2160)/4K (3840 x 2160) and 1 VGA at 1920x1080 Resolution, HDMI1 and HDMI2 are Independent	2 HDMI 4K (4096 x 2160)/4K (3840 x 2160) and 1 VGA at 1920x1080 Resolution, VGA/LCD Synchronous. HDMI1 and HDMI2 are Independent	2 HDMI 4K (4096 x 2160)/4K (3840 x 2160) and 1 VGA at 1920x1080 Resolution, VGA/LCD Synchronous. HDMI1 and HDMI2 are Independent	3840x2160/2560 x 1440 (HDMI1/VGA1 Synchronous), 1920x1080/1920x1080 (HDMI2/VGA2 Synchronous), HDMI1/HDMI2 Independent	3840x2160/2560 x 1440 (HDMI1/VGA1 Synchronous), 1920x1080/1920x1080 (HDMI2/VGA2 Synchronous), HDMI1/HDMI2 Independent
IP Video Inputs	64	128	256	32	32
Alarm Input/Output	16/8	16/8	16/8	16/8	16/4
USB	2 USB 2.0; 2 USB 3.0	1 USB 2.0; 2 USB 3.0	1 USB 2.0; 2 USB 3.0	2 USB 2.0; 1 USB 3.0	2 USB 2.0; 1 USB 3.0
RAID Support	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID0, RAID1, RAID5, RAID6, RAID10	RAID0, RAID1, RAID5, RAID6, RAID10
Internal SATA	16 SATA interfaces, hot-swap (up to 8 TB each)	24 SATA interfaces, hot-swap (up to 8 TB each)	24 SATA interfaces, hot-swap (up to 8 TB each)	8 SATA interfaces (up to 8 TB each)	8 SATA interfaces (up to 6 TB each)
Maximum Internal Storage	128 TB	192 TB	192 TB	64 TB	48TB
eSATA Interface	Yes	Yes	Yes	Yes	Yes
Support DVD-RW	---	---	---	---	---
Max. Incoming Bandwidth (Mbps)	512 (400 with RAID)	768	768	320 (200 with RAID)	200(200 with RAID)
Maximum Outgoing Bandwidth (Mbps)	512 (400 with RAID)	512	768	256 (200 with RAID)	256 (200 with RAID)
Ratings	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
Rack Units	3	4	4	2	2
Power Requirements	100 to 240 VAC, 50 to 60 Hz, 550 W, Redundant	100 to 240 VAC, 50 to 60 Hz, 550 W, Redundant	100 to 240 VAC, 50 to 60 Hz, 550 W, Redundant	100 to 240 VAC, 50 to 60 Hz	220 VAC
Power Consumption	≤140 W without HDD or DVD-R/W	≤140 W without HDD or DVD-R/W	≤140 W without HDD or DVD-R/W	≤ 70 W without HDD or DVD-R/W	≤ 70 W without HDD or DVD-R/W



Standards: Complies with ONVIF (Profile S), CGI ASAPI. Contact factory for details.

*Requires rack shelf (not included) to mount in a 19" equipment rack; it is not recommended to rack mount the unit using rack rails and rack ears (not included) due to the weight. Weight without HDD ≤15.86 Kg (31.79 lb)



BLAZER PRO AND HIKCENTRAL

BLAZER PRO

	Blazer Pro 128/16H	Blazer Pro 256/16H
Model		
Max. Recording Resolution	4K	4K
Video Compression	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision network camera only)	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision network camera only)
Operating System	Microsoft® Windows 10 (pre-installed with HikCentral V1.1) Optional: Microsoft® Windows Server 2012 R2 (pre-installed with HikCentral V1.1)	Microsoft® Windows 10 (pre-installed with HikCentral V1.1) Optional: Microsoft® Windows Server 2012 R2 (pre-installed with HikCentral V1.1)
VGA Output	1920x1080	1920x1080
IP Video Inputs	128-ch	256-ch
Alarm Input/Output	16/8	16/8
USB	2 × USB 3.0	2 × USB 3.0
Internal SATA	16 SATA interfaces (up to 8 TB each)	16 SATA interfaces (up to 8 TB each)
Maximum Internal Storage	128TB	128TB
SSD for OS	Yes (128 GB)	Yes (128 GB)
Network Interface	4 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces, independent IP address by default	4 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces, independent IP address by default
Max Incoming Bandwidth (Mbps)	768Mbps	576Mbps
Maximum Outgoing Bandwidth (Mbps)	768Mbps	512Mbps
Rack Units	3	3
Power Requirements	100 to 240 VAC	100 to 240 VAC
Power Consumption	≤ 300 W without HDD	≤ 300 W without HDD

HIKCENTRAL

	HiKCentral-VSS-Base/HW/64Ch	HiKCentral-VSS-Base/HW/300Ch	HiKCentral-VSS-Base/64Ch	HiKCentral-VSS-Base/300Ch
Model				
			*Software only	*Software only
Form Factor	1U Rackmount server	1U Rackmount server	Software Only, to be loaded on dedicated instance of Microsoft windows, as per Hikvision spec*	Software Only, to be loaded on dedicated instance of Microsoft windows, as per Hikvision spec*
Function	Management Server for NVRs and CVRs	Management Server for NVRs and CVRs	Management Server Software package for NVRs and CVRs	Management Server Software package for NVRs and CVRs
Maximum IP cameras or NVRs or DVRs or Blazer Express Connections	1024	1024	1024	1024
Maximum number of channels	3000	3000	3000	3000
Maximum number of alarm input or output	3000	3000	3000	3000
Maximum number of areas	3000	3000	3000	3000
Maximum number of roles	64	64	64	64
Maximum number of users	No software restriction	No software restriction	No software restriction	No software restriction
Maximum number of E-map	1024	1024	1024	1024
Maximum number of Central Video Recorder	32	32	32	32
Maximum number of Streaming Server connections	No software restriction	No software restriction	No software restriction	No software restriction
Maximum web client or control client connection concurrently	100	100	100	100
Maximum mobile client connection concurrently	100	100	100	100


*HikCentral software only. Monitor not included.

MOBILE SURVEILLANCE

BODY WORN CAMERA

	DS-MH2111	DS-MH2211	DS-MH6111
Model	 16 MP	 30 MP	 1.3 MP
Certifications	CE/FCC	CE/FCC	CE/FCC
Weight	220g	127g	55g
Record Resolution	1080p/60fps, 720p/120fps, 704*480	1080p/30fps, 720p/30fps, 720 × 576/30fps	720P/30fps_Lower Resolution
Display Screen	2" TFT LCD	2" TFT LCD	NO
Encoding Format	H.264	H.265/H.264	H.264
Satellite Positioning	GPS	GPS	NO
Wi-Fi	YES, 802.11b/g/n	YES, 802.11b/g/n	YES, 802.11b/g/n
FOV	127°	110°	100°
Geo-tagging capability	YES	YES	NO
Low light functionality (night recording)	IR light	IR light	NO
LED for indication (front facing)	YES	YES	YES
Embedded Video file time/date stamp	YES	YES	YES
Recording format – MPEG-4	.MP4, need Hik player	.MP4, need Hik player	.MP4, need Hik player
IP level	IP66	IP65	IP65
Drop resistant	2M	2M	2M
Anti-vibration	YES	YES	NO
Battery Capacity	A 4400 mAh mountable battery	A 1650 mAh dismountable battery	A 1000 mAh mountable battery
Battery Runtime	8 hours @ 1080p recording 9 hours @ 720p recording	4 hours @ 1080p recording 4.5 hours @ 720p recording	4 hours@ 720p recording
Battery charge time from empty to full charge	4 hours	2 hours	1.5 hours
Internal device storage	32G or 64G	32G or 64G	NO
TF Card Slot	NO	NO	YES, up to 32G
Pre-record/post-record	60s	60s	5s
One touch record (or other automated record activation triggers)	YES	YES	YES
Always-on recording capability	YES	YES	YES
Configurable automated record triggers	Yes, need FW will support	Yes, need FW will support	Yes, need FW will support
G-sensor	NO	YES	NO
Tap/shock recording	NO	YES	NO
Ruggedized Design	YES	YES	YES
Car charger	NO	YES	YES
Charge and transmit video through docking station	USB	Contact points	USB
Working Temperature	-20 to +55 °C (-4 to 131 °F)	-20 to +55 °C (-4 to 131 °F)	-20 to +55 °C (-4 to 131 °F)

BWC DOCKING STATION

	DS-MH4172I
Model	
2018.7 Release and Certification	DS-MH2111 (Remarkd), DS-MH2211 (Standard)
Supported Body Camera Model	8
Dimensions	1 × power indicator, 1 × HDD indicator, 1 × network connection indicator, 1 × network transmission indicator, 8 × status indicator
Quantity of Connected Body Cameras	1 × power switch, 1 × reset button
System indicator	Quad core CPU
Button	4 GB
CPU	4 × 3.5 inch HDD
Memory	Windows 10, 64-bit
HDD	200 W
Operation system	2 × USB 3.0 interface, 2 × USB2.0 interface
Power consumption	2
USB interface	1 input/1 output
HDMI interface	1
Audio input/output	2 × 10M/100M/1000M Ethernet interface
VGA interface	2





VALUE IP SOLUTIONS

For those applications where performance is important and budgets are limited, Hikvision offers its Performance, Value Plus and Value Series products. Utilizing some of the Smart Pro features, these products afford more flexibility with reduced feature sets. The latest technology has been implemented in this range including UHD cameras and NVRs, H.265+ compression, EXIR 2.0 infrared and a wide range of high resolution image sensors for varied applications and budgets.

8 MP H.265+ Bullet Camera DS-2CD2T85FWD-I5

This 4K camera includes the latest H.265+ compression reducing bitrate and bandwidth by up to 70 percent, and EXIR 2.0 with a range of 165 feet (50m).



2 MP DarkFighter Mini PTZ

DS-2DE4A204IW-DE

This powerful new day/night PTZ brings DarkFighter technology to the Value Series PTZ lineup. Delivering 0.002 color low light images and featuring a 4x lens, the camera is perfect for buildings and facility entrances/exits. The IP66 rating and RCM-DE4A recessed ceiling mount (purchased separately) provides a discreet, environmentally protected installation in outdoor soffits.



DeepinMind Plug and Play NVR

DS-7732NXI-I4/16P/8S

With up to a 32 channel input and 16 built-in PoE ports, this NVR easily installs and automatically adds connected IP cameras on start-up. Deep Learning algorithms reduce false alarms by recognizing human subjects and filtering non-human objects such as animals, vehicles, trees and scene changes. Using H.265+ compression technology and up to 24 TB of HDD space, it provides ample storage.



H.265+ Compression

Value Plus cameras feature Hikvision's latest H.265+ compression technology, which captures surveillance video using a decreased bitrate, reducing bandwidth requirements and storage costs. Hikvision's H.265+ is a truly optimized encoding technology based on the standard H.265/HEVC compression, extending the limits of ultra-HD video surveillance applications.

Resolution

A wide range of image sensors from 1.3 MP to 2 MP, 3 MP, new 4 MP, 5 MP and 8 MP resolution models are available so you can choose the best option for each camera in your project.

EXIR 2.0

New to the Value Plus range is the improved IR technology EXIR 2.0, which uses the latest manufacturing components and techniques to improve low light performance, efficiency and life-time of the IR device, while allowing better visibility at night.

High Performance

High performance camera features include 120dB WDR, Smart Analytics, and IP67 protection.

Plug and Play NVRs

Our popular Plug and Play NVRs provide easy installation and operation. These Value NVRs manage bandwidth and storage with the H.265+ compression technology. High-performance cameras also support recording of up to 12 MP camera resolution, Ultra High Definition (UHD) output up to 4K and up to 24 TB of storage capacity.

DeepinMind NVRs

New DeepinMind NVR, model numbers iDS-7716NXI-I4/16P/8S and iDS-7732NXI-I4/16P/8S, are capable of detecting and recording subjects identified as human objects. The NVRs filter out and significantly reduce alarm triggering by irrelevant movement in the surroundings, such as animals or other non-human objects.

Kits

Hikvision kits contain a recorder and multiple cameras in a single box, suitable for DIY applications such as a residence or a small business. The IP kits include 4 and 8 channel recorders along with 4 and 6 cameras, respectively.








Options + Features

Value series cameras include important options and features like DarkFighter, EXIR, Pinhole, Fisheye, WDR, extended zoom lens ranges, and high performing PTZs.



OUTDOOR MINI BULLET

OUTDOOR DOME

	DS-2CD2025FWD-I	DS-2CD2035FWD-I	DS-2CD2045FWD-I	DS-2CD2055FWD-I	DS-2CD2085FWD-I	DS-2CD2125FWD-I	DS-2CD2135FWD-I	DS-2CD2145FWD-I
Model	 DarkFighter EXIR 2.0 2 MP	 DarkFighter EXIR 2.0 3 MP	 EXIR 2.0 4 MP	 EXIR 2.0 5 MP	 EXIR 2.0 8 MP	 DarkFighter EXIR 2.0 2 MP	 DarkFighter EXIR 2.0 3 MP	 EXIR 2.0 4 MP
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Min. Illumination (lux)	Color: 0.008 lux @ f/1.6, AGC ON, 0 lux with IR	Color: 0.008 lux @ f/1.6, AGC ON, 0 lux with IR	Color: 0.009 lux @ f/1.2, AGC ON, 0 lux with IR	Color: 0.027 lux @ f/2.0, AGC ON, 0 lux with IR	Color: 0.027 lux @ f/2.0, AGC ON, 0 lux with IR	Color: 0.008 lux @ f/1.6, AGC ON, 0 lux with IR	Color: 0.008 lux @ f/1.6, AGC ON, 0 lux with IR	Color: 0.009 lux @ f/1.2, AGC ON, 0 lux with IR
Lens/Horizontal Angle of View	Fixed, 2.8 mm @ f/1.6 (4 mm, 6 mm, 8 mm option)/108° (2.8 mm), 86.4° (4 mm), 52° (6 mm), 40° (8 mm)	Fixed, 2.8 mm @ f/1.6 (4 mm, 6 mm, 8 mm option)/98° (2.8 mm), 78.7° (4 mm), 48° (6 mm), 37° (8 mm)	Fixed, 2.8 mm @ f/1.6 (4 mm, 6 mm, 8 mm, 12 mm option)/109°(2.8 mm), 88°(4 mm), 53°(6 mm), 41°(8 mm), 25°(12 mm)	Fixed, 2.8 mm @ f/2.0 (4 mm, 6 mm, 8 mm option)/81° (2.8 mm), 63.5° (4 mm), 50° (6 mm), 33° (8 mm)	Fixed, 2.8 mm @ f/2.0 (4 mm, 6 mm, 8 mm option)/102° (2.8 mm), 79° (4 mm), 50° (6 mm), 40° (8 mm)	Fixed 2.8 mm @ f/1.6 (4 mm, 6 mm, 8 mm option)/108° (2.8 mm), 86.4° (4 mm), 52° (6 mm), 40° (8 mm)	Fixed 2.8 mm @ f/1.6 (4 mm, 6 mm, 8 mm option)/98° (2.8 mm), 78.7° (4 mm), 48° (6 mm), 37° (8 mm)	Fixed, 2.8 mm @ f/1.6 (4 mm, 6 mm, 8 mm, 12 mm option)/109°(2.8 mm), 88°(4 mm), 53°(6 mm), 41°(8 mm), 25°(12 mm)
Pan/Tilt/Rotation	0° to 360° / 0° to 90° / 0° to 360°	0° to 360° / 0° to 90° / 0° to 360°	0° to 360° / 0° to 90°/0° to 360°	0° to 360° / 0° to 90° / 0° to 360°	0° to 360° / 0° to 90° / 0° to 360°	0° to 355° / 0° to 75° / 0° to 355°	0° to 355° / 0° to 75° / 0° to 355°	0° to 355° / 0° to 75°/0° to 355°
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB
IR Range Max. (meters)	30	30	30	30	30	30	30	30
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
Maximum Image Resolution (pixels)	1920x1080	2048x1536	2688x1520	2560x1920	3840x2160	1920x1080	2048x1536	2688x1520
Frame Rate (fps)	30 @ 1920x1080, 1280x960, 1280x720	30 @ 2048x1536, 1920x1080, 1280x720	30 @ 2688x1520, 2304x1296, 1920x1080	20 @ 2560x1920, 30 @ 2560x1440, 2048x1536, 1920x1080, 1280x720	20 @ 3840x2160, 30 @ 2560x1920, 2560x1440, 1920x1080, 1280x720	30 @ 1920x1080, 1280x960, 1280x720	30 @ 2048x1536, 1920x1080, 1280x720	30 @ 2688x520, 2304x1296, 1920x1080
Multi-Streaming	Triple	Triple	Triple	Triple	Triple	Triple	Triple	Triple
Audio Input/Output	---	---	---	---	---	---	---	IN: 1 line OUT: 1 line
Alarm Input/Output	---	---	---	---	---	---	---	1/1
Local Storage	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.
Smart Features	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³
Ratings	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed
Operating Temperature Range	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)
Power Requirements (max.)	12V DC, PoE (802.3af), 6.5 W	12V DC, PoE (802.3af), 7 W	12V DC, PoE (802.3af), 6.5 W	12V DC, PoE (802.3af), 7 W	12V DC, PoE (802.3af), 7.5 W	12V DC, PoE (802.3af), 6.5 W	12V DC, PoE (802.3af), 7 W	12V DC, PoE (802.3af), 6.5 W

Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.








³Basic Smart Suite: Motion Detection, Line Crossing Detection, Intrusion Detection

³H.265+ Smart Suite: Motion Detection, Line crossing detection, Intrusion detection, Unattended baggage detection, Object removal detection, Face detection

OUTDOOR DOME

OUTDOOR COMPACT DOME

OUTDOOR DOME

	DS-2CD2155FWD-I	DS-2CD2185FWD-I	DS-2CD2525FWD-IS	DS-2CD2555FWD-IS	DS-2CD2725FWD-IZS	DS-2CD2735FWD-IZS	DS-2CD2745FWD-IZS	DS-2CD2755FWD-IZS	DS-2CD2785FWD-IZS
Model									
	EXIR 2.0 5 MP	EXIR 2.0 8 MP	NEW 2 MP	NEW 5 MP	DarkFighter EXIR 2.0 2 MP	DarkFighter EXIR 2.0 3 MP	EXIR 2.0 4 MP	EXIR 2.0 5 MP	EXIR 2.0 8 MP
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Min. Illumination (Lux)	Color: 0.027 lux @ f/2.0, AGC ON, 0 lux with IR	Color: 0.027 lux @ f/2.0, AGC ON, 0 lux with IR	Color: 0.009 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.028 Lux @ f/2.0, AGC ON, 0 Lux with IR	Color: 0.0068 Lux @ f/1.4, AGC ON, 0 Lux with IR	Color: 0.0089 Lux @ f/1.6, AGC ON, 0 Lux with IR	Color: 0.009 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.014 Lux @ f/1.4, AGC ON, 0 Lux with IR	Color: 0.014 Lux @ f/1.4, AGC ON, 0 Lux with IR
Lens/ Horizontal Angle of View	Fixed 2.8 mm @ f/2.0 (4 mm, 6 mm, 8 mm option)/ 80° (2.8 mm), 63.5° (4 mm), 50° (6 mm), 33° (8 mm)	Fixed 2.8 mm @ f/2.0 (4 mm, 6 mm, 8 mm option)/ 102° (2.8 mm), 79° (4 mm), 50° (6 mm), 40° (8 mm)	Fixed, 2.8 mm @ f/2.0 (4 mm, 6 mm option)/ 108° (2.8 mm), 87° (4 mm), 53° (6 mm)	Fixed, 2.8 mm @ f/2.0 (4 mm, 6 mm option)/ 97° (2.8 mm), 78° (4 mm), 60° (6 mm)	2.8 to 12 mm @ f/1.4, motorized/ 105° to 35°	2.8 to 12 mm @ f/1.6, motorized/ 97° to 33°	2.8 to 12 mm @ f/1.4, motorized/ 114° to 32°	2.8 to 12 mm @ f/1.4, motorized/ 88° to 29°	2.8 to 12 mm @ f/1.4, motorized/ 115° to 35°
Pan/Tilt/Rotation	0° to 355° / 0° to 75° / 0° to 355°	0° to 355° / 0° to 75° / 0° to 355°	-30° to 30° / 0° to 75°/0° to 360°	-30° to 30° / 0° to 75°/0° to 360°	0° to 355° / 0° to 75° / 0° to 355°	0° to 355° / 0° to 75° / 0° to 355°	0° to 355°, 0° to 75°, 0° to 355°	0° to 355° / 0° to 75° / 0° to 355°	0° to 355° / 0° to 75° / 0° to 355°
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB
IR Range Max. (meters)	30	30	10	10	30	30	30	30	30
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
Maximum Image Resolution (pixels)	2560 × 1920	3840 × 2160	1920x1080	2944x1656	1920 × 1080	2048 × 1536	2688 × 1520	2944 × 1656	3840 × 2160
Frame Rate (fps)	20 @ 2560x1920 30 @ 2560x1440, 2048x1536, 1920x1080, 1280x720	20 @ 3840x2160 30 @ 2560x1920, 2560x1440, 1920x1080, 1280x720	30 @ 1920x1080, 1280x960, 1280x720	20 @ 2944x1656 30 @ 2560x1440, 1920x1080, 1280x720	30 @ 1920x1080, 1280x960, 1280x720	30 @ 2048x1536, 1920x1080, 1280x720	30 @ (2688 × 1520, 2304 × 1296, 1920 × 1080)	20 @ 2944x1656, 30 @ 2560x1440, 1920x1080, 1280x720	20 @ 3840x2160, 30 @ 2944x1656, 2560x1440, 1920x1080, 1280x720
Multi-Streaming	Triple	Triple	Triple	Triple	Triple	Triple	Triple	Triple	Triple
Audio Input/Output	---	---	Mic: Built in OUT: 1 line	Mic: Built in OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line
Alarm Input/Output	---	---	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Local Storage	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.
Smart Features	H.265+ Smart Suite ³	H.265+ Smart Suite ³	Basic Smart Suite ²	Basic Smart Suite ²	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³
Ratings	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP66, IK8, UL/cUL Listed	IP66, IK8, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed
Operating Temperature Range	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 141° F)	-30° C to 60° C (-22° F to 141° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 141° F)	-30° C to 60° C (-22° F to 141° F)
Power Requirements (max.)	12V DC, PoE (802.3af), 7 W	12V DC, PoE (802.3af), 9 W	12V DC, PoE (802.3af), 7.5 W	12V DC, PoE (802.3af), 7.5 W	12V DC, PoE (802.3af), 11 W	12V DC, PoE (802.3af), 9.5 W	12V DC, PoE (802.3af), 11 W	12V DC, PoE (802.3af), 10 W	12V DC, PoE (802.3af), 12.9W

Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.

²Basic Smart Suite: Motion Detection, Line Crossing Detection, Intrusion Detection









³H.265+ Smart Suite: Motion Detection, Line crossing detection, Intrusion detection, Unattended baggage detection, Object removal detection, Face detection



OUTDOOR TURRET

OUTDOOR COMPACT DOME

OUTDOOR TURRET

	DS-2CD2325FWD-I	DS-2CD2335FWD-I	DS-2CD2345FWD-I	DS-2CD2355FWD-I	DS-2CD2385FWD-I	DS-2CD2545FWD-I	DS-2CD2H25FWD-IZS	DS-2CD2H35FWD-IZS
Model	 DarkFighter EXIR 2.0 (2 MP)	 DarkFighter EXIR 2.0 (3 MP)	 EXIR 2.0 (4 MP) NEW	 EXIR 2.0 (5 MP)	 EXIR 2.0 (8 MP)	 EXIR 2.0 (4 MP) NEW	 DarkFighter EXIR 2.0 (2 MP)	 DarkFighter EXIR 2.0 (3 MP)
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive	1/2.7" progressive scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Min. Illumination (lux)	Color: 0.008 lux @ f/1.6, AGC ON, 0 lux with IR	Color: 0.008 lux @ f/1.6, AGC ON, 0 lux with IR	Color: 0.009 lux @(F1.2, AGC ON) 0 lux with IR	Color: 0.027 lux @ f/2.0, AGC ON, 0 lux with IR	Color: 0.027 lux @ f/2.0, AGC ON, 0 lux with IR	Color: 0.009 lux @ f/1.2, AGC ON, 0 lux with IR	Color: 0.0068 Lux @ f/1.4, AGC ON, 0 Lux with IR	Color: 0.0089 Lux @ f/1.6, AGC ON, 0 Lux with IR
Lens/Horizontal Angle of View	Fixed 2.8 mm @ f/1.6 (4 mm, 6 mm, 8 mm option)/ 108° (2.8 mm), 86.4° (4 mm), 52° (6 mm), 40° (8 mm)	Fixed 2.8 mm @ f/1.6 (4 mm, 6 mm, 8 mm option)/ 98° (2.8 mm), 78.7° (4 mm), 48° (6 mm), 37° (8 mm)	Fixed 2.8mm@ f1.6,(4mm, 6mm,8mm, 12mm optional)/ 109°(2.8 mm), 88°(4 mm), 53°(6mm), 41°(8mm), 25°(12mm)	Fixed 2.8 mm @ f/2.0 (4 mm, 6 mm, 8 mm option)/ 80° (2.8 mm), 63.5° (4 mm), 50° (6 mm), 33° (8 mm)	Fixed 2.8 mm @ f/2.0 (4 mm, 6 mm, 8 mm option)/ 102° (2.8 mm), 79° (4 mm), 50° (6 mm), 40° (8 mm)	Fixed, 2.8 mm @ f/1.2 (4 mm, 6 mm option)/ 109° (2.8 mm), 88° (4 mm), 53° (6 mm)	2.8 to 12 mm @ f/1.4, motorized/ 105° to 35°	2.8 to 12 mm @ f/1.6, motorized/ 97° to 33°
Pan/Tilt/Rotation	0° to 355° / 0° to 75° / 0° to 355°	0° to 355° / 0° to 75° / 0° to 355°	0° to 360° / 0° to 75°/0° to 360°	0° to 355° / 0° to 75° / 0° to 355°	0° to 360° / 0° to 75° / 0° to 360°	-30° to +AS1430° / 0° to 75°/0° to 360°	0° to 355° / 0° to 75°/0° to 360°	0° to 355° / 0° to 75°/0° to 360°
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB
IR Range Max. (meters)	30	30	30	30	30	10	30	30
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
Maximum Image Resolution (pixels)	1920x1080	2048 x 1536	2688 x 1520	2560 x 1920	3840 x 2160	2688x1520	1920 x 1080	2048 x 1536
Frame Rate (fps)	30 @ 1920x1080, 1280x960, 1280x720	30 @ 2048x1536, 1920x1080, 1280x720	30 @ 2688 x 1520, 2304 x 1296, 1920 x 1080	20 @ 2560x1920 30 @ 2560x1440, 2048x1536, 1920x1080, 1280x720	20 @ 3840x2160 30 @ 2560x1920, 2560x1440, 1920x1080, 1280x720	30 @ 2688x1520, 2304x1296, 1920x1080	30 @ 1920x1080, 1280x960, 1280x720	30 @ 2048 x 1536, 1920x1080, 1280x720
Multi-Streaming	Triple	Triple	Triple	Triple	Triple	Triple	Triple	Triple
Audio Input/Output	---	---	---	---	---	IN: 2 or Mic: Built in microphone OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line
Alarm Input/Output	---	---	---	---	---	1/1	1/1	1/1
Local Storage	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.
Smart Features	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³	Basic Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³
Ratings	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP66, IK08, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed
Operating Temperature Range	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 141° F)	-30° C to 60° C (-22° F to 141° F)
Power Requirements (max.)	12V DC, PoE (802.3af), 7 W	12V DC, PoE (802.3af), 7 W	12V DC, PoE (802.3af), 7W	12V DC, PoE (802.3af), 7.5 W	12V DC, PoE (802.3af), 8.5 W	12V DC, PoE (802.3af), 9.5 W	12V DC, PoE (802.3af), 11.5 W	12V DC, PoE (802.3af), 12.5 W









Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.

²Basic Smart Suite: Motion Detection, Line Crossing Detection, Intrusion Detection

³H.265+ Smart Suite: Motion Detection, Line crossing detection, Intrusion detection, Unattended baggage detection, Object removal detection, Face detection

OUTDOOR TURRET

OUTDOOR BULLET

	DS-2CD2H45FWD-IZS	DS-2CD2H55FWD-IZS	DS-2CD2H85FWD-IZS	DS-2CD2T25FWD-IZS	DS-2CD2T35FWD-IZS	DS-2CD2T45FWD-IZS	DS-2CD2T55FWD-IZS	DS-2CD2T85FWD-IZS
Model	 EXIR 2.0 4 MP	 EXIR 2.0 5 MP	 EXIR 2.0 8 MP	 DarkFighter EXIR 2.0 2 MP	 DarkFighter EXIR 2.0 3 MP	 EXIR 2.0 4 MP	 EXIR 2.0 5 MP	 EXIR 2.0 8 MP
Image Sensor	1/2.7" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive	1/2.8" Progressive	1/2.7" Progressive	1/2.9" Progressive	1/2.5" Progressive
Min. Illumination (lux)	Color: 0.009 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.014 Lux @ f/1.4, AGC ON, 0 Lux with IR	Color: 0.014 Lux @ f/1.4, AGC ON, 0 Lux with IR	Color: 0.008 lux @ f/1.6, AGC ON, 0 lux with IR	Color: 0.008 lux @ f/1.6, AGC ON, 0 lux with IR	Color: 0.009 lux @ f/1.2, AGC ON, 0 lux with IR	Color: 0.01 lux @ f/1.2	Color: 0.027 lux @ f/2.0, AGC ON, 0 lux with IR
Lens/ Horizontal Angle of View	2.8 to 12 mm @ f/1.4, motorized/ 97° to 33°	2.8 to 12 mm @ f/1.4, motorized/ 88° to 29°	2.8 to 12 mm @ f/1.4, motorized/ 115° to 35°	Fixed 4 mm @ f/1.6 (2.8 mm, 6 mm, 8 mm option)/ 108° (2.8 mm), 86.4° (4 mm), 52° (6 mm), 40° (8 mm)	Fixed 4 mm @ f/1.6 (2.8 mm, 6 mm, 8 mm option)/ 98° (2.8 mm), 78.7° (4 mm), 48° (6 mm), 37° (8 mm)	Fixed, 4 mm @ f/2.0 (2.8 mm, 6 mm, 8 mm option)/ 109° (2.8 mm), 88° (4 mm), 53° (6 mm), 41° (8 mm), 25° (12 mm)	Fixed 4 mm @ f/2.0 (2.8 mm, 6 mm, 8 mm option)/ 81° (2.8 mm), 63.5° (4 mm), 50° (6 mm), 33° (8 mm)	Fixed 4 mm @ f/2.0 (2.8 mm, 6 mm, 8 mm option)/ 102° (2.8 mm), 79° (4 mm), 50° (6 mm), 40° (8 mm)
Pan/Tilt/Rotation	0° to 355°/ 0° to 75°/0° to 360°	0° to 355°/ 0° to 75°/0° to 360°	0° to 355°/ 0° to 75°/0° to 360°	0° to 360°/ 0° to 100°/ 0° to 360°	0° to 360°/ 0° to 100°/ 0° to 360°	0° to 360°/ 0° to 100°/0° to 360°	0° to 360°/ 0° to 100°/ 0° to 360°	0° to 360°/ 0° to 100°/ 0° to 360°
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB
IR Range Max. (meters)	30	30	30	50	50	50	50	50
Video Compression	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG
Maximum Image Resolution (pixels)	2688 × 1520	2944 × 1656	3840 × 2160	1920 × 1080	2048 × 1536	2688 × 1520	2560 × 1920	3840 × 2160
Frame Rate (fps)	30 @ 2688x1520, 2304x1296, 1920x1080	20 @ 2944x1656, 30 @ 2560x1440, 1920x1080, 1280x720	20 @ 3840x2160, 30 @ 2944x1656, 2560x1440, 1920x1080, 1280x720	30 @ 1920x1080, 1280x960, 1280x720	30 @ 2048x1536, 1920x1080, 1280x720	30 @ 2688x1520, 2304x1296, 1920x1080	20 @ 2560x1920, 30 @ 2560x1440, 2048x1536, 1920x1080, 1280x720	20 @ 3840x2160, 30 @ 2560x1920, 2560x1440, 1920x1080, 1280x720
Multi-Streaming	Triple	Triple	Triple	Triple	Triple	Triple	Triple	Triple
Audio Input/Output	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	---	---	---	---	---
Alarm Input/Output	1/1	1/1	1/1	---	---	---	---	---
Local Storage	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.
Smart Features	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³
Ratings	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed
Operating Temperature Range	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 141° F)	-30° C to 60° C (-22° F to 141° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)
Power Requirements (max.)	12V DC, PoE (802.3af), 12.5W	12V DC, PoE (802.3af), 12.5 W	12V DC, PoE (802.3af), 12.5 W	12V DC, PoE (802.3af), 9 W	12V DC, PoE (802.3af), 9 W	12V DC, PoE (802.3af), 9.5 W	12V DC, PoE (802.3af), 9 W	12V DC, PoE (802.3af), 9.5 W

Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.

³Basic Smart Suite: Motion Detection, Line Crossing Detection, Intrusion Detection

³H.265+ Smart Suite: Motion Detection, Line crossing detection, Intrusion detection, Unattended baggage detection, Object removal detection, Face detection



OUTDOOR BULLET

OUTDOOR FISHEYE

	DS-2CD2625FWD-IZS	DS-2CD2635FWD-IZS	DS-2CD2645FWD-IZS NEW	DS-2CD2655FWD-IZS	DS-2CD2685FWD-IZS	DS-2CD2935FWD-IS	DS-2CD2955FWD-IS
Model	 DarkFighter EXIR 2.0 2 MP	 DarkFighter EXIR 2.0 3 MP	 EXIR 2.0 4 MP	 EXIR 2.0 5 MP	 EXIR 2.0 8 MP	 EXIR 2.0 3 MP	 EXIR 2.0 5 MP
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive	1/2.5" Progressive
Min. Illumination (lux)	Color: 0.0068 Lux @ f/1.4, AGC ON, 0 Lux with IR	Color: 0.0089 Lux @ f/1.6, AGC ON, 0 Lux with IR	Color: 0.009 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.014 Lux @ f/1.4, AGC ON, 0 Lux with IR	Color: 0.014 Lux @ f/1.4, AGC ON, 0 Lux with IR	Color: 0.016 lux @ f/2.2, AGC ON	Color: 0.033 lux @ f/2.2, AGC ON, 0 lux with IR
Lens/ Horizontal Angle of View	2.8 to 12 mm @ f/1.4, motorized/ 105° to 35°	2.8 to 12 mm @ f/1.6, motorized/ 97° to 33°	2.8 to 12 mm @ f/1.4, motorized/ 114° to 32°	2.8 to 12 mm @ f/1.4, motorized/ 88° to 29°	2.8 to 12 mm @ f/1.4, motorized/ 115° to 35°	1.16 mm @ f/2.2 / 180° horizontal 180° vertical	1.05 mm @ f/2.2 / 180° horizontal 180° vertical
Pan/Tilt/Rotation	0° to 360°/ 0° to 90°/0° to 360°	0° to 360°/ 0° to 90°/0° to 360°	0° to 360°/ 0° to 90°/0° to 360°	0° to 360°/ 0° to 90°/0° to 360°	0° to 360°/ 0° to 90°/0° to 360°	---	---
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB
IR Range Max. (meters)	50	50	50	50	50	8	8
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
Maximum Image Resolution (pixels)	1920 × 1080	2048 × 1536	2688 × 1520	2944 × 1656	3840 × 2160	2048 × 1536	2560 × 1920
Frame Rate (fps)	30 @ 1920x1080, 1280x960, 1280x720	30 @ 2048x1536, 1920x1080, 1280x720	30 @ 2688x1520, 2304x1296, 1920x1080	20 @ 2944x1656, 30 @ 2560x1440, 1920x1080, 1280x720	20 @ 3840x2160, 30 @ 2944x1656, 2560x1440, 1920x1080, 1280x720	30 @ 2048x1536, 1600x1200, 1280x960	30 @ 2560x1920, 2048x1536, 1280x960
Multi-Streaming	Triple	Triple	Triple	Triple	Triple	Dual	Dual
Audio Input/Output	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line
Alarm Input/Output	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Local Storage	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.
Smart Features	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³	H.265+ Smart Suite ³
Ratings	IP67, IK11, UL/cUL Listed	IP67, IK11, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK11, UL/cUL Listed	IP67, IK11, UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
Operating Temperature Range	-30° C to 60° C (-22° F to 141° F)	-30° C to 60° C (-22° F to 141° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 141° F)	-30° C to 60° C (-22° F to 141° F)	-10° C to +50° C (-14° F to +122° F)	-10° C to +50° C (-14° F to +122° F)
Power Requirements (max.)	12V DC, PoE (802.3af), 16.5W	12V DC, PoE (802.3af), 17.5W	12V DC, PoE (802.3af), 17.5W	12V DC, PoE (802.3af), 17.5W	12V DC, PoE (802.3af), 19W	12V DC, PoE (802.3af), 6.7 W	12V DC, PoE (802.3af), 6.7 W

Standards: Complies with ONVIF (Profile S and G), CGI ASAPl. Contact factory for details.

²Basic Smart Suite: Motion Detection, Line Crossing Detection, Intrusion Detection

³H.265+ Smart Suite: Motion Detection, Line crossing detection, Intrusion detection, Unattended baggage detection, Object removal detection, Face detection

NETWORK CAMERAS - VALUE PLUS SERIES

OUTDOOR DOME

OUTDOOR COMPACT DOME

OUTDOOR DOME

OUTDOOR TURRET

	DS-2CD2122FWD-IS*	DS-2CD2142FWD-IS*	DS-2CD2522FWD-IS*	DS-2CD2542FWD-IS*	DS-2CD2722FWD-IZS*	DS-2CD2742FWD-IZS*	DS-2CD2322WD-I
Model	 *Black model available DS-2CD2122FWD-ISB 2 MP	 *Black model available DS-2CD2142FWD-ISB 4 MP	 *Black model available DS-2CD2522FWD-ISB 2 MP	 *Black model available DS-2CD2542FWD-ISB 4 MP	 *Black model available DS-2CD2722FWD-IZSB 2 MP	 *Black model available DS-2CD2742FWD-IZSB 4 MP	 EXIR 2 MP
Image Sensor	1/2.8" progressive scan CMOS	1/3" progressive scan CMOS	1/2.8" progressive scan CMOS	1/3" progressive scan CMOS	1/2.8" progressive scan CMOS	1/3" progressive scan CMOS	1/2.8" progressive scan CMOS
Min. Illumination (lux)	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR
Lens/ Horizontal Angle of View	Fixed, 4mm @ f/2.0 (2.8 mm, 6 mm option)/ 102° (2.8 mm) 85° (4 mm), 52° (6 mm)	Fixed, 2.8 mm @ f/2.0 (4 mm, 6 mm option)/ 106° (2.8 mm), 83° (4 mm), 56° (6 mm)	Fixed, 4 mm @ f/2.0 (2.8 mm, 6 mm option)/ 102° (2.8 mm), 85° (4 mm), 52° (6 mm)	Fixed, 2.8 mm @ f/2.0 (4 mm, 6 mm option)/ 106° (2.8 mm), 83° (4 mm), 56° (6 mm)	2.8 to 12 mm @ f/1.4, motorized/ 106° to 35°	2.8 to 12 mm @ f/1.4, motorized/ 112° to 33.8°	Fixed, 2.8 mm @ f/2.0 (4 mm, 6 mm option)/ 109° (2.8 mm), 90° (4 mm), 54° (6 mm)
Pan/Tilt/Rotation	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	-30° to 30°/ 0° to 75°/0° to 360°	-30° to 30°/ 0° to 75°/0° to 360°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 360°/ 0° to 75°/0° to 360°
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB
IR Range Max. (meters)	30	30	10	10	30	30	30
Video Compression	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG
Maximum Image Resolution (pixels)	1920x1080	2688x1520	1920x1080	2688x1520	1920x1080	2688x1520	1920x1080
Frame Rate (fps)	30 @ 1920x1080, 1280x960, 1280x720	20 @ 2688x1520 30 @ 1920x1080, 1280x720	30 @ 1920x1080, 1280x960, 1280x720	20 @ 2688x1520 30 @ 1920x1080, 1280x720	30 @ 1920x1080, 1280x960, 1280x720	20 @ 2688x1520 30 @ 1920x1080, 1280x720	30 @ 1920x1080, 1280x960, 1280x720
Multi-Streaming	Dual	Dual	Dual	Dual	Dual	Dual	Dual
Audio Input/Output	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	Mic: Built in OUT: 1 line	Mic: Built in OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	---
Alarm Input/Output	1/1	1/1	1/1	1/1	1/1	1/1	---
Local Storage	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	---
Smart Features	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²
Ratings	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK8, UL/cUL Listed	IP67, IK8, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, UL/cUL Listed
Operating Temperature Range	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)
Power Requirements (max.)	12V DC, PoE (802.3af), 5 W	12V DC, PoE (802.3af), 5 W	12V DC, PoE (802.3af), 5 W	12V DC, PoE (802.3af), 5 W	12V DC, PoE (802.3af), 5.5 W	12V DC, PoE (802.3af), 5.5 W	12V DC, PoE (802.3af), 7.5 W

Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.

²Basic Smart Suite: Motion Detection, Line Crossing Detection, Intrusion Detection

³H.265+ Smart Suite: Motion Detection, Line crossing detection, Intrusion detection, Unattended baggage detection, Object removal detection, Face detection



NETWORK CAMERAS - VALUE PLUS SERIES

OUTDOOR TURRET

OUTDOOR BULLET









	DS-2CD2342WD-I	DS-2CD2022WD-I	DS-2CD2042WD-I	DS-2CD2T22WD-I5	DS-2CD2T42WD-I5	DS-2CD2T52-I5	DS-2CD2622FWD-IZS	DS-2CD2642FWD-IZS
Model	 EXIR 4 MP	 2 MP	 4 MP	 EXIR 2 MP	 EXIR 4 MP	 EXIR 5 MP	 2 MP	 4 MP
Image Sensor	1/3" progressive scan CMOS	1/2.8" progressive scan CMOS	1/3" progressive scan CMOS	1/2.8" progressive scan CMOS	1/3" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/3" progressive scan CMOS
Min. Illumination (lux)	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR
Lens/ Horizontal Angle of View	Fixed, 2.8 mm @ f/2.0 (4 mm, 6 mm option)/ 106° (2.8 mm), 83° (4 mm), 56° (6 mm)	Fixed, 4 mm @ f/2.0 (6 mm option)/ 85° (4 mm), 52° (6 mm)	Fixed, 4 mm @ f/2.0 (6 mm option)/ 82° (4 mm), 55° (6 mm)	Fixed, 4 mm @ f/2.0 (6 mm option)/ 90° (4 mm), 54° (6 mm)	Fixed, 4 mm @ f/2.0 (6 mm option)/ 83° (4 mm), 56° (6 mm)	Fixed, 4 mm @ f/1.4 (6 mm option)/ 89° (4 mm), 54.7° (6 mm)	2.8 to 12 mm @ f/1.4, motorized/ 106° to 35°	2.8 to 12 mm @ f/1.4, motorized/ 112° to 33.8°
Pan/Tilt/Rotation	0° to 360°/ 0° to 75°/0° to 360°	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/Digital	TRUE/Yes/120 dB	TRUE/Yes/120 dB
IR Range Max. (meters)	30	30	30	50	50	50	30	30
Video Compression	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG
Maximum Image Resolution (pixels)	2688x1520	1920x1080	2688x1520	1920x1080	2688x1520	2560x1920	1920x1080	2688x1520
Frame Rate (fps)	20 @ 2688x1520 30 @ 1920x1080, 1280x720	30 @ 1920x1080, 1280x960, 1280x720	20 @ 2688x1520 30 @ 1920x1080, 1280x720	30 @ 1920x1080, 1280x960, 1280x720	20 @ 2688x1520 30 @ 1920x1080, 1280x720	20 @ 2560x1920, 30 @ 2048x1536, 1920x1080, 1280x720	30 @ 1920x1080, 1280x960, 1280x720	20 @ 2688x1520 30 @ 1920x1080, 1280x720
Multi-Streaming	Dual	Dual	Dual	Dual	Dual	Dual	Dual	Dual
Audio Input/Output	---	---	---	---	---	---	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line
Alarm Input/Output	---	---	---	---	---	---	1/1	1/1
Local Storage	---	---	---	---	---	---	MicroSD, 128 GB max.	MicroSD, 128 GB max.
Smart Features	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ⁴	Basic Smart Suite ²	Basic Smart Suite ⁴	Basic Smart Suite ⁴
Ratings	IP67, UL/cUL Listed	IP67, UL/cUL Listed ³	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed
Operating Temperature Range	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)
Power Requirements (max.)	12V DC, PoE (802.3af), 7.5 W	12V DC, PoE (802.3af), 5 W	12V DC, PoE (802.3af), 5 W	12V DC, PoE (802.3af), 7.5 W	12V DC, PoE (802.3af), 7.5 W	12V DC, PoE (802.3af), 7.5 W	12V DC, PoE (802.3af), 7.5 W	12V DC, PoE (802.3af), 7.5 W

Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.

²Basic Smart Suite: Motion Detection, Line Crossing Detection, Intrusion Detection

³H.265+ Smart Suite: Motion Detection, Line crossing detection, Intrusion detection, Unattended baggage detection, Object removal detection, Face detection

NETWORK CAMERAS - VALUE SERIES

	INDOOR RECESSED DOME		OUTDOOR DOME	OUTDOOR COMPACT DOME		OUTDOOR DOME	OUTDOOR TURRET	OUTDOOR BULLET
Model	 1.3 MP	 2 MP	 1.3 MP	 1.3 MP	 2 MP	 1.3 MP	 EXIR 1.3 MP	 1.3 MP
Image Sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" progressive scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS
Min. Illumination (lux)	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0.0028 @ f/2.0	Color: 0.028 @ f/2.0 B/W: 0.0028 @ f/2.0	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR
Lens/ Horizontal Angle of View	Fixed, 4 mm @ f/2.0 (2.8 mm, 6 mm option)/ 92.5° (2.8 mm), 73.1° (4 mm), 46° (6 mm)	Fixed, 4 mm @ f/2.0 (2.8 mm, 6 mm option)/ 106° (2.8 mm), 85° (4 mm), 52° (6 mm)	Fixed, 4 mm @ f/2.0 (2.8 mm, 6 mm, 8 mm and 12 mm option)/ 92.5° (2.8 mm), 73.1° (4 mm), 46° (6 mm), 35.52° (8 mm), 22° (12 mm)	Fixed, 2 mm @ f/2.0/ 115° (2 mm)	Fixed, 2 mm @ f/2.0/ 126° (2 mm)	2.8 to 12 mm @ f/1.4, manual/ 98.4° to 30.2°	Fixed, 4 mm @ f/2.0 (2.8 mm, 6 mm, 8 mm, 12 mm option)/ 92.5° (2.8 mm), 73.1° (4 mm), 46° (6 mm), 35.52° (8 mm), 22° (12 mm)	Fixed 4 mm @ f/2.0 (6 mm, 8 mm, 12 mm option)/ 73.1° (4 mm), 46° (6 mm), 35.52° (8 mm) 22° (12 mm)
Pan/Tilt/Rotation	0° to 355°/0° to 80°/na	0° to 355°/0° to 80°/na	0° to 355°/ 0° to 75°/0° to 355°	±15°/0° to 90°/±15°	±15°/0° to 90°/±15°	0° to 355°/ 0° to 75°/0° to 355°	0° to 360°/ 0° to 75°/0° to 360°	3-Axis Positioning
Day/Night/BLC/WDR	Electronic/Yes/Digital	Electronic/Yes/Digital	TRUE/Yes/120 dB	Electronic/Yes/Digital	Electronic/Yes/Digital	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/Digital
IR Range Max. (meters)	---	---	30	---	---	30	30	30
Video Compression	H.264/MJPEG	H.264/MJPEG	H.264+/H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264+/H.264/ MJPEG	H.264+/H.264/ MJPEG	H.264+/H.264/MJPEG
Maximum Image Resolution (pixels)	1280x960	1920x1080	1280x960	1280x960	1920x1080	1280x960	1280x960	1280x960
Frame Rate (fps)	30 @ 1280x960, 1280x720	30 @ 1920x1080, 1280x960, 1280x720	30 @ 1280x960, 1280x720	30 @ 1280x960, 1280x720, 704x576	30 @ 1920x1080, 1280x960, 1280x720	30 @ 1280x960, 1280x720	30 @ 1280x960, 1280x720	30 @ 1280x960, 1280x720
Multi-Streaming	Dual	Dual	Dual	Dual	Dual	Dual	Dual	Dual
Smart Features	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²
Audio Input/Output	---	---	---	---	---	---	---	---
Alarm Input/Output	---	---	---	---	---	---	---	---
Local Storage	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	---	---
Ratings	UL/cUL Listed	UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, UL/cUL Listed	IP66, UL/cUL Listed
Operating Temperature Range	-10° C to 40° C (14° F to 104° F)	-10° C to 40° C (14° F to 104° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)
Power Requirements (max.)	12V DC, PoE (802.3af), 4.2 W	12V DC, PoE (802.3af), 4.7 W	12V DC, PoE (802.3af), 5 W	12V DC, PoE (802.3af), 4 W	12V DC, PoE (802.3af), 4.1 W	12V DC, PoE (802.3af), 5.5 W	12V DC, PoE (802.3af), 7.5 W	12V DC, PoE (802.3af), 5 W

Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.


²Basic Smart Suite: Motion Detection, Line Crossing, Intrusion Detection



NETWORK CAMERAS - VALUE SERIES

	INDOOR PINHOLE	COVERT	INDOOR FISHEYE
	DS-2CD2D14WD	DS-2CD2D14WD/M	DS-2CD2942F-IS
Model	 1MP	 1MP	 4MP
Image Sensor	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/3" progressive scan CMOS
Min. Illumination (lux)	Color: 0.028 @ f/2.0	Color: 0.028 @ f/2.0	Color: 0.018 @ f/1.6 B/W: 0.0018 @ f/1.6 0 with IR
Lens/ Horizontal Angle of View	Pinhole, 3.2 mm @ f/2.5/ 65° (3.2 mm)	2.8 mm @ f/2.0 or 4.0 mm @ f/2.0/ 67.3° (2.8 mm), 53° (4.0 mm)	Fisheye, 1.6 mm, f/1.6/ 186° (horizontal), 106° (vertical)
Pan/Tilt/Rotation	0° to 360°/0° to 90°/na	0° to 360°/0° to 90°/--	---
Day/Night/BLC/WDR	Electronic/No/100 dB	Electronic/No/100 dB	TRUE/Yes/Digital
IR Range Max. (meters)	---	---	8
Video Compression	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG
Maximum Image Resolution (pixels)	1280x720	1280x720	2560x1440
Frame Rate (fps)	30 @ 1280x720, 704x576, 640x480	30 @ 1280x720, 704x576, 640x480	15 @ 2560x1440 30 @ 1920x1080, 1280x720
Multi-Streaming	Dual	Dual	Dual
Smart Features	Basic Smart Suite ² + tampering alarm, dynamic analysis, motion detection	Basic Smart Suite ² + tampering alarm, dynamic analysis, motion detection	---
Audio Input/Output	---	---	IN: 1 line OUT: 1 line
Alarm Input/Output	---	---	1/1
Local Storage	---	---	MicroSD, 128 GB max.
Ratings	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
Operating Temperature Range	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-10° C to 40° C (14° F to 104° F)
Power Requirements (max.)	12V DC, 3 W	12V DC, 3 W	12V DC, PoE (802.3af), 6 W

NETWORK PTZ CAMERAS - VALUE SERIES

	WI-FI INDOOR PTZ	INDOOR PTZ	INDOOR/OUTDOOR PTZ	
	DS-2DE2204IW-DE3/W	DS-2DE2204IW-DE3	DS-2DE4225W-DE3	DS-2DE4A204IW-DE
Model	 2MP	 2MP	 2MP	 2MP DarkFighter
Image Sensor	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/1.9" progressive scan CMOS
Min. Illumination (lux)	Color: 0.05 @ f/2.0, AGC On B/W: 0.005 @ f/2.0, AGC On	Color: 0.05 Lux @ f/2.0 B/W: 0.005 Lux @ f/2.0	Color: 0.005 Lux @ f/1.6 B/W: 0.0005 Lux @ f/1.6	Color: 0.002 @ f/1.6, AGC On B/W: 0.0002 @ f/1.6, AGC On, 0 with IR
Lens/ Horizontal Angle of View	2.8 mm to 12 mm, motorized zoom, autofocus/ 100° to 25°	2.8 mm to 12 mm, motorized zoom, autofocus/ 100° to 25°	4.8 to 120 mm, motorized zoom, autofocus/ 57.6° to 2.5°	2.8 to 12 mm, motorized zoom, autofocus/ 90.1° to 31°
Optical Zoom (Digital Zoom)	4x (16x)	4x	25x (16x)	4x (16x)
Pan Range	0° to 350°	0° to 350°	360° endless	360° endless
Tilt Range	0° to 90°	0° to 90°	0° to 90°	5° to 90°
Pan & Tilt Speed (Manual)	Pan: 0.1° to 60°/sec. Tilt: 0.1° to 50°/sec.	Pan: 0.1° to 60°/sec Tilt: 0.1° to 50°/sec	Pan: 0.1° to 160°/sec. Tilt: 0.1° to 120°/sec.	Pan: 0.1° to 300°/sec. Tilt: 0.1° to 160°/sec.
Pan & Tilt Speed (Preset)	Pan: 60°/sec. Tilt: 50°/sec.	Pan: 60°/sec. Tilt: 50°/sec.	Pan: 160°/sec. Tilt: 120°/sec.	Pan: 350°/sec. Tilt: 200°/sec.
Day/Night	TRUE	TRUE	TRUE	TRUE
Image Enhancement	DWDR, AGC, AWB	DWDR, AGC, AWB, DNR, BLC	120 dB WDR, HLC, BLC, 3D DNR, Defog, EIS, Regional Exposure, Regional Focus	3D DNR, BLC, WDR, HLC
IR Range Max. (meters)	20	20	---	50
Smart Features	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²
Presets/Tours/Patterns	300/8/4	300/8/4	300/8/4	300/8/4
Wireless	Yes	Yes	Yes	---
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264
Maximum Image Resolution (pixels)	1920 × 1080	1920 × 1080	1920x1080	1920x1080
Frame Rate (fps)	30 @ 1920x1080, 1280x960, 1280x720, 60 @ 1280x960, 1280x720	30 @ 1920x1080, 1280x960, 1280x720	30 @ 1920x1080, 1280x960, 1280x720 60 @ 1280x960, 1280x720	60 @ 1920x1080, 1280x960, 1280x720
Local Storage	MicroSD, 256 GB max.	MicroSD, 256 GB max.	MicroSD, 256 GB max.	MicroSD, 128 GB max.
Ratings	UL/cUL Listed	UL/cUL Listed	IK10, UL/cUL Listed	IP66, UL/cUL Listed
Operating Temperature range	-10° C to 50° C (14° F to 122° F)	-10° C to 50° C (14° F to 122° F)	-10° C to 50° C (14° F to 122° F)	-30° C to 65° C (-22° F to 149° F)
Power Requirements (max.)	12V DC, PoE (802.3af), 9 W	12V DC, PoE (802.3af), 9 W	12V DC, PoE+ (802.3at), 18 W	12V DC, PoE (802.3at), 18 W

NETWORK PTZ CAMERAS - VALUE SERIES

INDOOR/OUTDOOR PTZ

OUTDOOR PTZ

OUTDOOR UPRIGHT PTZ

OUTDOOR PTZ

	DS-2DE4A225IW-DE	DS-2DE4A320IW-DE	DS-2DE4A404IW-DE	DS-2DE4A425IW-DE	DS-2DE3304W-DE	DS-2DY3220IW-DE	DS-2DY3220IW-DE4	DS-2DE4225W-DE
Model	 NEW 2 MP	 3 MP	 NEW 4 MP	 NEW 4 MP	 3 MP	 2 MP	 2 MP	 NEW 2 MP
Image Sensor	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/1.9" progressive scan CMOS	1/2.5" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Min. Illumination (lux)	Color: 0.005 Lux @ f/1.6 B/W: 0.001 Lux @ f/1.6	Color: 0.05 @ f/1.6, AGC On B/W: 0.01 @ f/1.6, AGC On, 0 with IR	Color: 0.002 Lux @ f/1.6 B/W: 0.0002 Lux @ f/1.6	Color: 0.005 Lux @ f/1.6 B/W: 0.001 Lux @ f/1.6	Color: 0.05 @ f/1.6 B/W: 0.01 @ f/1.6	Color: 0.05 @ f/1.6, AGC On B/W: 0.005 @ f/1.6, AGC On, 0 with IR	Color: 0.05 @ f/1.6, AGC On B/W: 0.005 @ f/1.6, AGC On, 0 with IR	Color: 0.005 @ f/1.6, AGC On B/W: 0.001 @ f/1.6, 0 with IR
Lens/ Horizontal Angle of View	4.8 to 120 mm, motorized zoom, autofocus / 57.6° to 2.5°	4.7 to 94 mm, motorized zoom, autofocus/ 58.3° to 3.2°	2.8 to 12 mm, motorized zoom, autofocus / 69.5° to 26.5°	4.8 to 120 mm, motorized zoom, autofocus / 57.6° to 2.5°	2.8 to 12 mm, motorized zoom, autofocus/ 105° to 33.5°	4.7 to 94 mm, motorized zoom, autofocus/ 58.3° to 3.2°	4.7 to 94 mm, motorized zoom, autofocus/ 58.3° to 3.2°	4.8 mm to 120 mm, motorized zoom, autofocus/ 57.6° to 2.5°
Optical Zoom (Digital Zoom)	25x (16x)	20x (16x)	4x (16x Digital)	25x (16x)	4x (16x)	20x (16x)	20x (16x)	25x (16x Digital)
Pan Range	360° endless	360° endless	360° endless	360° endless	0° to 350°	360° endless	360° endless	360° endless
Tilt Range	-5° to 90°	-5° to 90°	-5° to 90°	-5° to 90°	0° to 50°	-40° to 30°	-40° to 30°	-15° to 90° (auto flip)
Pan & Tilt Speed (Manual)	Pan: 0.1° to 300°/sec. Tilt: 0.1° to 160°/sec.	Pan: 0.1° to 300°/sec. Tilt: 0.1° to 160°/sec.	Pan: 0.1° to 300°/sec. Tilt: 0.1° to 160°/sec.	Pan: 0.1° to 300°/sec. Tilt: 0.1° to 160°/sec.	Pan: 0.1° to 60°/sec. Tilt: 0.1° to 50°/sec.	Pan: 0.1° to 60°/sec. Tilt: 0.1° to 30°/sec.	Pan: 0.1° to 60°/sec. Tilt: 0.1° to 30°/sec.	Pan: 0.1° to 80°/sec. Tilt: 0.1° to 80°/sec.
Pan & Tilt Speed (Preset)	Pan: 350°/sec. Tilt: 200°/sec.	Pan: 350°/sec. Tilt: 200°/sec.	Pan: 350°/sec. Tilt: 200°/sec.	Pan: 350°/sec. Tilt: 200°/sec.	Pan: 50°/sec. Tilt: 50°/sec.	Pan: 100°/sec. Tilt: 60°/sec.	Pan: 100°/sec. Tilt: 60°/sec.	Pan: 80°/sec. Tilt: 80°/sec.
Day/Night	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
Image Enhancement	120 dB WDR, HLC, BLC, 3D DNR, Defog, EIS, Regional Exposure, Regional Focus	WDR, AGC, AWB, 3D DNR, HLC, BLC	120 dB WDR, HLC, BLC, 3D DNR, Defog, EIS, Regional Exposure, Regional Focus	120 dB WDR, HLC, BLC, 3D DNR, Defog, EIS, Regional Exposure, Regional Focus	DWDR, AGC, AWB, 3D DNR, HLC, BLC	WDR, AGC, AWB, 3D DNR, HLC, BLC, Defog	WDR, AGC, AWB, 3D DNR, HLC, BLC, Defog	120 dB WDR, HLC, BLC, 3D DNR, Defog, EIS, Regional Exposure, Regional Focus
IR Range Max. (meters)	50	50	50	50	---	100	100	---
Smart Features	Smart Tracking, Basic Smart Suite ²	Basic Smart Suite ²	Smart Tracking, Basic Smart Suite ²	Smart Tracking, Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²
Presets/Tours/Patterns	300/8/4	300/8/4	300/8/4	300/8/4	300/8/4	300/8/4	300/8/4	300/8/4
Wireless	Yes	---	Yes	Yes	---	---	---	Yes
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.265+/H.265/H.264+/H.264
Maximum Image Resolution (pixels)	1920x1080	2048x1536	2560 x 1440	2560 x 1440	2048x1536	1920x1080	1920x1080	1920x1080
Frame Rate (fps)	30 @ 1920x1080, 1280x960, 1280x720 60 @ 1920x1080, 1280x960, 1280x720	30 @ 2048x1536, 1920x1080, 1280x960, 1280x720	30 @ 2560x1440, 2048x1536, 1920x1080, 1280x960, 1280x720 60 @ 1920x1080, 1280x960, 1280x720	30 @ 2560x1440, 2048x1536, 1920x1080, 1280x960, 1280x720 60 @ 1920x1080, 1280x960, 1280x720	30 @ 2048x1536, 1920x1080, 1280x960, 1280x720 60 @ 1920x1080, 1280x960, 1280x720	30 @ 1920x1080, 1280x960, 1280x720	30 @ 1920x1080, 1280x960, 1280x720	30 @ 1920x1080, 1280x960, 1280x720 60 @ 1280x960, 1280x720
Local Storage	MicroSD, 256 GB max.	MicroSD, 128 GB max.	MicroSD, 256 GB max.	MicroSD, 256 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 256 GB max.
Ratings	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, IK10, UL/cUL Listed
Operating Temperature range	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Power Requirements (max.)	12V DC, PoE (802.3at), 23 W	12V DC, PoE (802.3at), 18 W	12V DC, PoE (802.3at), 23 W	12V DC, PoE (802.3at), 23 W	12V DC, PoE (802.3af), 8 W	12V DC, PoE (802.3at), 19 W	12V DC, PoE (802.3at), 19 W	24 VAC, HiPoE, 18 W








Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.; Command Protocols: Hikvision and Pelco D/P
²Basic Smart Suite: Motion Detection, Line Crossing, Intrusion Detection



NETWORK PTZ CAMERAS - VALUE SERIES

OUTDOOR PTZ

OUTDOOR IR PTZ

	DS-2DE5232W-AE  NEW 2 MP	DS-2DE5330W-AE  3 MP	DS-2DE5225W-AE  NEW 2 MP	DS-2DE7232IW-AE  NEW 2 MP	DS-2DE7330IW-AE  3 MP	DS-2DE7430IW-AE  4 MP	DS-2DE7530IW-AE  5 MP
Model							
Image Sensor	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/1.9" progressive scan CMOS	1/1.9" progressive scan CMOS
Min. Illumination (lux)	Color: 0.005 @ f/1.6, AGC On B/W: 0.001 @ f/1.6, 0 with IR	Color: 0.05 @ f/1.6, AGC On B/W: 0.01 @ f/1.6, AGC On, 0 with IR	Color: 0.005 @ f/1.6, AGC On B/W: 0.001 @ f/1.6, 0 with IR	Color: 0.005 @ f/1.5, AGC On B/W: 0.001 @ f/1.5, 0 with IR	Color: 0.05 @ f/1.5, AGC On B/W: 0.01 @ f/1.5, 0 with IR	Color: 0.005 @ f/1.5, AGC On B/W: 0.002 @ f/1.5, 0 with IR	Color: 0.005 @ f/1.5, AGC On B/W: 0.002 @ f/1.5, 0 with IR
Lens/ Horizontal Angle of View	4.8 mm to 153 mm, motorized zoom, autofocus / 55.6° to 2.04°	4.3 to 129 mm, motorized zoom, autofocus/ 57.4° to 2.8°	4.8 mm to 120 mm, motorized zoom, autofocus / 57.6° to 2.5°	4.8 mm to 153 mm, motorized zoom, autofocus/ 55.6° to 2.04°	4.3 to 129 mm, motorized zoom, autofocus/ 57.4° to 2.8°	5.9 to 177 mm, motorized zoom, autofocus/ 48.8° to 2.3°	5.9 to 177 mm, motorized zoom, autofocus/ 51.3° to 2.7°
Optical Zoom (Digital Zoom)	32x (16x Digital)	30x (16x)	25x (16x Digital)	32x (16x Digital)	30x (16x)	30x (16x)	30x (16x)
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	-5° to 90°	-5° to 90°	-15° to 90° (auto flip)	-15° to 90°	-15° to 90°	-15° to 90°	-15° to 90°
Pan & Tilt Speed (Manual)	Pan: 0.1° to 250°/sec. Tilt: 0.1° to 150°/sec.	Pan: 0.1° to 250°/sec. Tilt: 0.1° to 150°/sec.	Pan: 0.1° to 120°/sec. Tilt: 0.1° to 80°/sec.	Pan: 0.1° to 160°/sec. Tilt: 0.1° to 120°/sec.	Pan: 0.1° to 160°/sec. Tilt: 0.1° to 120°/sec.	Pan: 0.1° to 160°/sec. Tilt: 0.1° to 120°/sec.	Pan: 0.1° to 160°/sec. Tilt: 0.1° to 120°/sec.
Pan & Tilt Speed (Preset)	Pan: 300°/sec. Tilt: 200°/sec.	Pan: 300°/sec. Tilt: 200°/sec.	Pan: 120°/sec. Tilt: 80°/sec.	Pan: 240°/sec. Tilt: 200°/sec.	Pan: 240°/sec. Tilt: 200°/sec.	Pan: 240°/sec. Tilt: 200°/sec.	Pan: 240°/sec. Tilt: 200°/sec.
Day/Night	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
Image Enhancement	120 dB WDR, HLC, BLC, 3D DNR, Defog, EIS, Regional Exposure, Regional Focus	DWDR, AGC, AWB, 3D DNR, HLC, BLC, Defog	120 dB WDR, HLC, BLC, 3D DNR, Defog, EIS, Regional Exposure, Regional Focus	120 dB WDR, HLC, BLC, 3D DNR, Defog, EIS, Regional Exposure, Regional Focus	DWDR, AGC, AWB, 3D DNR, HLC, BLC, Defog	DWDR, AGC, AWB, 3D DNR, HLC, BLC, Defog	DWDR, AGC, AWB, 3D DNR, HLC, BLC, Defog
IR Range Max. (meters)	---	---	150	150	150	150	150
Smart Features	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²	Basic Smart Suite ²
Presets/Tours/Patterns	300/8/4	300/8/4	300/8/4	300/8/4	300/8/4	300/8/4	300/8/4
Wireless	Yes	---	Yes	Yes	---	---	---
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Max. Image Resolution (pixels)	1920x1080	2048x1536	1920x1080	1920x1080	2048x1536	2560x1536	2592x1944
Frame Rate (fps)	30 @ 1920x1080, 1280x960, 1280x720 60 @ 1920x1080, 1280x960, 1280x720	30 @ 2048x1536, 1920x1080, 1280x960, 1280x720	30 @ 1920x1080, 1280x960, 1280x720 60 @ 1280x960, 1280x720	30 @ 1920x1080, 1280x960, 1280x720 60 @ 1920x1080, 1280x960, 1280x720	30 @ 2048x1536, 1920x1080, 1280x960, 1280x720	30 @ 2560x1536, 2048x1536, 1920x1080, 1280x960, 1280x720	30 @ 2592x1944, 2560x1536, 2048x1536, 1920x1080, 1280x960, 1280x720
Local Storage	MicroSD, 256 GB max.	MicroSD, 128 GB max.	MicroSD, 256 GB max.	MicroSD, 256 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.
Ratings	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed
Operating Temperature range	-30° C to 65° C (-22° F to 149° F)	-30° C to 65° C (-22° F to 149° F)	-30° C to 65° C (-22° F to 149° F)	-30° C to 65° C (-22° F to 149° F)	-30° C to 65° C (-22° F to 149° F)	-30° C to 65° C (-22° F to 149° F)	-30° C to 65° C (-22° F to 149° F)
Power Requirements (max.)	24 VAC, HiPoE, 22 W	24 VAC, PoE (802.3at), 18 W	24 VAC, HiPoE, 30 W	24 VAC, HiPoE, 40 W	24 VAC, Hi-PoE (802.3at), 40 W	24 VAC, Hi-PoE (802.3at), 40 W	24 VAC, Hi-PoE (802.3at), 40 W

NETWORK VIDEO RECORDERS - VALUE SERIES

PLUG-AND-PLAY

	DS-7604NI-E1/4P	DS-7608NI-E2/8P	DS-7608NI-I2/8P	DS-7616NI-E2/16P	DS-7616NI-I2/16P	DS-7716NI-I4/16P
Model						
Max. Recording Resolution	6 MP	6 MP	12 MP	6 MP	12 MP	12 MP
Video Compression	H.264, H.264+	H.264, H.264+	H.264, H264+, H.265, H.265+, MPEG4	H.264, H.264+	H.264, H264+, H.265, H.265+, MPEG4	H.264, H264+, H.265, H.265+, MPEG4
HDMI/VGA Output	1920x1080/1920x1080, synchronized output	1920x1080/1920x1080, synchronized output	3840x2160/1920x1080, independent output	1920x1080/1920x1080, synchronized output	3840x2160/1920x1080, independent output	3840x2160/1920x1080, independent output
IP Video Input	4-ch IPC with integrated 4-port 802.3af/at PoE switch	8-ch IPC with integrated 8-port 802.3af/at PoE switch	8-ch IPC with integrated 8-port 802.3af/at PoE switch	16-ch IPC with integrated 16-port 802.3af/at PoE switch	16-ch IPC with integrated 16-port 802.3af/at PoE switch	16-ch IPC with integrated 16-port 802.3af/at PoE switch
Audio Input/Output	1 line in/1 line out	1 line in/1 line out	1 line in/1 line out	1 line in/1 line out	1 line in/1 line out	1 line in/1 line out
Alarm Input/Output	4 ch/1 ch	4 ch/1 ch	4 ch/1 ch	4 ch/1 ch	4 ch/1 ch	16 ch/4 ch
USB	1 USB 2.0; 1 USB 3.0	1 USB 2.0; 1 USB 3.0	1 USB 2.0; 1 USB 3.0	1 USB 2.0; 1 USB 3.0	1 USB 2.0; 1 USB 3.0	2 USB 2.0; 1 USB 3.0
Internal SATA	1 SATA interface (up to 6 TB each)	2 SATA interfaces (up to 6 TB each)	2 SATA interfaces (up to 6 TB each)	2 SATA interfaces (up to 6 TB each)	2 SATA interfaces (up to 6 TB each)	4 SATA interfaces (up to 6 TB each)
eSATA Interface	---	---	---	---	---	Yes
Max. Internal Storage	6 TB	12 TB	12 TB	12 TB	12 TB	24 TB
Support DVD-RW	---	---	---	---	---	Yes, replaces 2x SATA
Max. Incoming Bandwidth (Mbps)	40	80	80	160	160	160
Maximum Outgoing Bandwidth (Mbps)	80	80	256	80	256	256
Max. Remote Connections	32	32	128	32	32	128
Rack Units	1	1	1	1	1	1.5
Ratings	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
PoE Budget	50 W	120 W	120 W	200 W	200 W	200 W
Power Requirements	48V DC, ≤10 W without HDD and PoE	100 to 240 VAC, ≤10 W without HDD and PoE	100 to 240 VAC, ≤15 W without HDD and PoE	100 to 240 VAC, ≤15 W without HDD and PoE	100 to 240 VAC, ≤15 W without HDD and PoE	100 to 240 VAC, ≤20 W without HDD and PoE







Standards: Complies with ONVIF (Profile S), CGI ASAPI. Contact factory for details; Command Protocols: Hikvision and Pelco D/P protocols



NETWORK VIDEO RECORDERS - VALUE SERIES

PLUG-AND-PLAY

DEEPINMIND

	DS-7716NI-14/16P(B) COMING SOON	DS-7732NI-14	DS-7732NI-14/16P	DS-7732NI-14/24P COMING SOON	iDS-7716NXI-14/16P/8S NEW	iDS-7732NXI-14/16P/8S NEW
Model						
Max. Recording Resolution	12 MP	12 MP	12 MP	12MP	12MP	12MP
Video Compression	H.264, H.264+, H.265	H.264, H264+, H.265, H.265+, MPEG4	H.264, H264+, H.265, H.265+, MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
HDMI/VGA Output	2x HDMI - 3840x2160/1920x1080, 1x VGA - 1920x1080/1920x1080, independent output + 1 CVBS output	3840x2160/1920x1080, independent output	3840x2160/1920x1080, independent output	3840x2160/1920x1080, independent output	3840x2160/1920x1080, independent output	3840x2160/1920x1080, independent output
IP Video Input	16-ch IPC with integrated 16-port 802.3af/ at PoE switch	32-ch	32-ch IPC with integrated 16-port 802.3af/ at PoE switch	32-ch IPC with integrated 24-port 802.3af/ at PoE switch	16-ch IPC with integrated 16-port 802.3af/ at PoE switch	32-ch IPC with integrated 16-port 802.3af/ at PoE switch
Audio Input/Output	1 line in/1 line out	1 line in/1 line out	1 line in/1 line out	1 line in/1 line out	1 line in/1 line out	1 line in/1 line out
Alarm Input/Output	16 ch/4 ch	16 ch/4 ch	16 ch/4 ch	16/4 (Optional: 16/8)	16 ch/8 ch	16 ch/8 ch
USB	3 USB 2.0	2 USB 2.0, 1 USB 3.0	2 USB 2.0, 1 USB 3.0	2 USB 2.0, 1 USB 3.0	2 USB 2.0, 1 USB 3.0	2 USB 2.0, 1 USB 3.0
Internal SATA	4 SATA interfaces (up to 6 TB each)	4 SATA interfaces (up to 6 TB each)	4 SATA interfaces (up to 6 TB each)	4 SATA interfaces (up to 8 TB each)	4 SATA interfaces (up to 6 TB each)	4 SATA interfaces (up to 6 TB each)
eSATA Interface	Yes	Yes	Yes	Yes	Yes	Yes
Max. Internal Storage	24 TB	24 TB	24 TB	32TB	24 TB	24 TB
Support DVD-RW	Yes, replaces 2x SATA	Yes, replaces 2x SATA	Yes, replaces 2x SATA	---	---	---
Max. Incoming Bandwidth (Mbps)	160	256	256	320	256	256
Maximum Outgoing Bandwidth (Mbps)	256	256	256	256	200	200
Max. Remote Connections	128	128	128	128	128	128
Rack Units	1.5	1.5	1.5	1.5	1.5	1.5
Ratings	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
PoE Budget	300 W	---	200 W	210 W	200 W	200 W
Power Requirements	100 to 240 VAC, ≤20W without HDD	100 to 240 VAC, ≤20 W without HDD	100 to 240 VAC, ≤20 W without HDD and PoE	100 to 240 VAC, ≤20W without HDD	100 to 240 VAC, ≤30W without HDD	100 to 240 VAC, ≤30W without HDD





Standards: Complies with ONVIF (Profile S), CGI ASAPI. Contact factory for details; Command Protocols: Hikvision and Pelco D/P protocols



VALUE EXPRESS SOLUTIONS

For those applications where budgets are limited and performance is expected, the new Value Express product family delivers. This range of IP and TurboHD products offer all camera housing models including dome, bullet, turret, vari-focal and PTZ to meet any application. This family of products can simplify any installation with easy installation and setup features. The NVRs and DVRs are suited for 4 and 8 camera systems, and will record and display in high resolution 1080p.




NETWORK CAMERAS - VALUE EXPRESS SERIES

	OUTDOOR DOME	OUTDOOR TURRET	OUTDOOR BULLET	OUTDOOR DOME	OUTDOOR TURRET	OUTDOOR BULLET
Model	ECI-D12F	ECI-T22F	ECI-B12F	ECI-D62Z2	ECI-T62Z2	ECI-B62Z2
	COMING SOON	COMING SOON	COMING SOON	COMING SOON	COMING SOON	COMING SOON
						
	EXIR 2.0	EXIR 2.0	EXIR 2.0	EXIR 2.0	EXIR 2.0	EXIR 2.0
Image Sensor	2/8" progressive scan CMOS	2/8" progressive scan CMOS	2/8" progressive scan CMOS	2/8" progressive scan CMOS	2/8" progressive scan CMOS	2/8" progressive scan CMOS
Min. Illumination (lux)	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.018 @ f/1.6 B/W: 0 with IR	Color: 0.018 @ f/1.6 B/W: 0 with IR	Color: 0.018 @ f/1.6 B/W: 0 with IR
Lens/ Horizontal Angle of View	Fixed, 2.8 mm, 4 mm, 6 mm @ f/2.0 / 114° (2.8 mm), 86° (4 mm), 54° (6 mm)	Fixed, 4 mm, 6mm @ f/2.0 / 86° (4 mm), 54° (6 mm)	Fixed, 2.8 mm, 4 mm, 6 mm @ f/2.0 / 103° (2.8 mm), 86° (4 mm), 54° (6 mm)	2.8 to 12 mm @ f/1.6, motorized/ 98° (2.8 mm), 34° (12mm)	2.8 to 12 mm @ f/1.6, motorized/ 98° (2.8 mm), 34° (12mm)	2.8 to 12 mm @ f/1.6, motorized/ 98° (2.8 mm), 34° (12mm)
Pan/Tilt/Rotation	0° to 355°/ 0° to 70°	0° to 360°/ 0° to 75°/0° to 360°	0° to 360°/ 0° to 180°/0° to 360°	0° to 355°/ 0° to 70°/0° to 360°	0° to 360°/ 0° to 75°/0° to 360°	0° to 360°/ 0° to 180°/0° to 360°
IR Range Max. (meters)	30	30	30	30	30	30
Day/Night/BLC/WDR	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/Digital
Video Compression	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG
Maximum Image Resolution (pixels)	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
Frame Rate (fps)	30 @ 1920x1280,1280x960, 1280x720	30 @ 1920x1280,1280x960, 1280x720	30 @ 1920x1280,1280x960, 1280x720	30 @ 1920x1280,1280x960, 1280x720	30 @ 1920x1280,1280x960, 1280x720	30 @ 1920x1280,1280x960, 1280x720
Multi-Streaming	Dual	Dual	Dual	Dual	Dual	Dual
Smart Features	---	---	---	---	---	---
Audio Input/Output	---	---	---	---	---	---
Alarm Input/Output	---	---	---	---	---	---
Local Storage	---	---	---	MicroSD, 128 GB max	MicroSD, 128 GB max	MicroSD, 128 GB max
Ratings	IP67, IK10, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, UL/cUL Listed	IP67, IK10, UL/cUL Listed
Operating Temperature Range	-30° C to 50° C (-22° F to 122° F)	-30° C to 50° C (-22° F to 122° F)	-30° C to 50° C (-22° F to 122° F)	-30° C to 50° C (-22° F to 122° F)	-30° C to 50° C (-22° F to 122° F)	-30° C to 50° C (-22° F to 122° F)
Power Requirements (max.)	12V DC, PoE (802.3at), 5 W	12V DC, PoE (802.3at), 5 W	12V DC, PoE (802.3at), 5 W	12V DC, PoE (802.3af), 10 W	12V DC, PoE (802.3af), 10 W	12V DC, PoE (802.3af), 10 W

NETWORK PTZ CAMERAS - VALUE EXPRESS SERIES



INDOOR PTZ

OUTDOOR PTZ

	EPI-4215-DE3	EPI-4215I-DE	EPI-4225I-DE	EPI-5225I-AE
Model	 COMING SOON 2 MP	 COMING SOON 2 MP	 COMING SOON 2 MP	 COMING SOON 2 MP
Image Sensor	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Min. Illumination (lux)	Color: 0.005 lux @ f/1.6 B/W: 0.001 Lux @ f/1.6, AGC ON	Color: 0.005 lux @ f/1.6 B/W: 0 with IR	Color: 0.005 lux @ f/1.6 B/W: 0.001 Lux @ f/1.6, AGC ON; 0 with IR	Color: 0.005 lux @ f/1.6 B/W: 0.001 Lux @ f/1.6, AGC ON; 0 with IR
Lens/ Horizontal Angle of View	5 mm to 75 mm, motorized zoom, autofocus/ 53.8° to 4.0°	5 to 75 mm, motorized zoom, autofocus/ 53.8° to 4.0°	4.8 to 120 mm, motorized zoom, autofocus/ 57.6° to 2.5	4.8 mm to 120 mm, motorized zoom, autofocus/ 57.6° to 2.5
Optical Zoom	15x (16x)	25x (16x)	15x (16x)	15x (16x)
Pan Range	360° endless	360° endless	360° endless	360° endless
Tilt Range	5° to 90° (Auto-flip)	5° to 90°	-15° to 90° (Auto-flip)	-15° to 90° (Auto-flip)
Pan & Tilt Speed (Manual)	0.1°/s to 100°/s, 0.1°/s to 80°/s	0.1°/s to 80°/s, 0.1°/s to 80°/s	0.1°/s to 80°/s, 0.1°/s to 80°/s	0.1°/s to 120°/s, 0.1°/s to 80°/s
Pan & Tilt Speed (Preset)	80°/s, 80°/s	80°/s, 80°/s	80°/s, 80°/s	120°/s, 80°/s
Day/Night	TRUE	TRUE	TRUE	TRUE
Image Enhancement	HLC, BLC, 3D DNR, Defog, EIS	HLC, BLC, 3D DNR, Defog, EIS	HLC, BLC, 3D DNR, Defog, EIS	HLC, BLC, 3D DNR, Defog, EIS
IR Range Max (meters)	---	100	100	150
Smart Features	PTZ Smart Suite ³	PTZ Smart Suite ³	PTZ Smart Suite ³	PTZ Smart Suite ³
Presets/Tours/Patterns	300/8/4	300/8/4	300/8/4	300/8/4
3D Positioning	---	---	---	---
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Max. Image Resolution (pixels)	1920x1080	1920 x 1080	1920 x 1080	1920 x 1080
Frame Rate (fps)	30 @ 1920x1080, 1280x960, 1280x720	30 @ 1920x1080, 1280x960, 1280x720	30 @ 1920x1080, 1280x960, 1280x720	30 @ 1920x1080, 1280x960, 1280x720
Local Storage	Micro SD, 256 GB max	Micro SD, 256 GB max	Micro SD, 256 GB max	Micro SD, 256 GB max
Ratings	UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed
Operating Temperature Range	-10°C to 55°C (14°F to 131°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Power Requirements (max.)	12V DC, PoE+ (802.3at), 18 W	12V DC, PoE+ (802.3at), 18 W	12V DC, PoE+ (802.3at), 18 W	12 VAC, PoE+ (802.3at), 18 W

NETWORK VIDEO RECORDERS - VALUE EXPRESS SERIES

PLUG-AND-PLAY











	ERI-Q104-P4	ERI-Q108-P8
Model	 COMING SOON	 COMING SOON
Max. Recording Resolution	4 MP	4 MP
Video Compression	H.264, H.264+	H.264, H.264+
HDMI/VGA Output	1920x1080/1920x1080, synchronized output	1920x1080/1920x1080, synchronized output
IP Video Input	4-ch IPC with integrated 4-port 802.3af/at PoE switch	8-ch IPC with integrated 8-port 802.3af/at PoE switch
Audio Input/Output	---	---
Alarm Input/Output	---	---
USB	2 USB 2.0	2 USB 2.0
Internal SATA	1 SATA interface (up to 6 TB each)	1 SATA interface (up to 6 TB each)
eSATA Interface	---	---
Max. Internal Storage	6 TB	6 TB
Support DVD-RW	---	---
Max Incoming Bandwidth (Mbps)	40	60
Maximum Outgoing Bandwidth (Mbps)	60	60
Max. Remote Connections	32	32
Rack Units	1	1
Ratings	UL/cUL Listed	UL/cUL Listed
PoE Budget	36 W	75 W
Power Requirements	48VDC, ≤50W without HDD	48VDC, ≤90W without HDD

Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.

³PTZ Smart Suite: Line Crossing Detection, Intrusion Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection



TVI ANALOG CAMERAS - VALUE EXPRESS SERIES

	OUTDOOR TURRET	OUTDOOR BULLET	OUTDOOR TURRET	INDOOR BULLET	OUTDOOR DOME
	ECT-T12	ECT-B12	ECT-T32V2	ECT-B32V2	ECT-D32V2
	 COMING SOON	 COMING SOON	 COMING SOON	 COMING SOON	 COMING SOON
Model	 2 MP	 2 MP	 2 MP	 2 MP	 2 MP
Video Out	4 in 1 video output (switchable TVI/AHD/CVI/CVBS); 1 HD analog output	4 in 1 video output (switchable TVI/AHD/CVI/CVBS); 1 HD analog output	4 in 1 video output (switchable TVI/AHD/CVI/CVBS); 1 HD analog output	4 in 1 video output (switchable TVI/AHD/CVI/CVBS); 1 HD analog output	4 in 1 video output (switchable TVI/AHD/CVI/CVBS); 1 HD analog output
Image Sensor	2 MP CMOS image sensor	2 MP CMOS image sensor	2 MP CMOS image sensor	2 MP CMOS image sensor	2 MP CMOS image sensor
HD-TVI Resolution	2 MP	2 MP	2 MP	2 MP	2 MP
CVBS Resolution	960H	960H	960H	960H	960H
Min. Illumination (lux)	0.01 Lux @ f/1.2, AGC ON, 0 Lux with IR	0.01 Lux @ f/1.2, AGC ON, 0 Lux with IR	0.01 Lux @ f/1.2, AGC ON, 0 Lux with IR	0.01 Lux @ f/1.2, AGC ON, 0 Lux with IR	0.01 Lux @ f/1.2, AGC ON, 0 Lux with IR
Lens	2.8 mm, 3.6 mm, 6 mm	2.8 mm, 3.6 mm, 6 mm	2.8 mm to 12 mm	2.8 mm to 12 mm	2.8 mm to 12 mm
Horizontal Angle of View	103° (2.8 mm), 80.7° (3.6 mm), 50.1° (6 mm)	103° (2.8 mm), 80.7° (3.6 mm), 50.1° (6 mm)	111.5° to 33.4°	111.5° to 33.4°	111.5° to 33.4°
Pan/Tilt/Rotation	0° to 360° / 0° to 75° / 0° to 360°	0° to 360°/0° to 180° / 0° to 360°	0° to 360° / 0° to 75° / 0° to 360°	0° to 360°/0° to 90° / 0° to 360°	0° to 355°/0° to 75° / 0° to 355°
Day/Night	TRUE	TRUE	TRUE	TRUE	TRUE
BLC/WDR	Support BLC/Support DWDR	---	Support BLC/Support DWDR	Support BLC/Support DWDR	Support BLC/Support DWDR
IR Range max (meters)	20	20	40	40	40
Vertical Synchronization	Internal	Internal	Internal	Internal	Internal
OSD Menu via Up-the-Coax (UTC)	Yes	Yes	Yes	Yes	Yes
Ratings	IP66	IP66	IP66	IP66	IP66
Operating Temperature Range	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)
Power Requirements (max.)	12V DC Max. 4 W	12V DC Max. 4 W	12V DC Max. 4.8 W	---	12V DC Max. 3.9 W

Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.

²Basic Smart Suite: Motion Detection, Line Crossing, Intrusion Detection


ANALOG PTZ CAMERAS - VALUE EXPRESS SERIES

INDOOR DOME

OUTDOOR DOME








	EPT-4215-D3  COMING SOON	EPT-4215I-D  COMING SOON
Model		
Video Out	HD-TVI/CVBS, UTC menu	HD-TVI/CVBS, UTC menu
Image Sensor	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Min. Illumination (lux)	Color: 0.005 Lux @ f/1.6, AGC ON B/W: 0.001 Lux @ f/1.6, AGC ON	Color: 0.005 Lux @ f/1.6, AGC ON B/W: 0.001 Lux @ f/1.6, AGC ON
HD-TVI Resolution	1920x1080	1920x1080
CVBS Resolution	600 TVL	600 TVL
Lens	5 to 75 mm, motorized zoom, autofocus	5 to 75 mm, motorized zoom, autofocus
Horizontal Angle of View	53.8° to 4.0°	53.8° to 4.0°
Optical Zoom	15x	15x
Pan Range	360° endless	360° endless
Tilt Range	-5° to 90° (auto flip)	-5° to 90° (auto flip)
Pan & Tilt Speed (Manual)	0.1° to 100°/s & 0.1° to 80°/s	0.1° to 100°/s & 0.1° to 80°/s
Pan & Tilt Speed (Preset)	100°/s & T 80°/s	100°/s & T 80°/s
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/120 dB
IR Range max (meters)	---	100m
Presets/Tours/Patterns	256/10/5	256/10/5
Up-the Coax Control	Hikvision-C	Hikvision-C
RS485 Control	Hikvision, Pelco D/P	Hikvision, Pelco D/P
Ratings	UL/cUL Listed	IP66, UL/cUL Listed
Operating Temperature Range	-10° C to 50° C (14° F to 122° F)	-10° C to 50° C (14° F to 122° F)

DIGITAL VIDEO RECORDERS - VALUE EXPRESS SERIES

	ERT-F204  COMING SOON	ERT-F208  COMING SOON	ERT-F216  COMING SOON
Model			
Max. Recording Resolution	3 MP	3 MP	3 MP
Video Compression	H.264+/H.264	H.264+/H.264	H.264+/H.264
HDMI/VGA Output	1920x1080	1920x1080	3840x2160, 2560x1440, 1920x1080/ 2560x1440, 1920x1080
Spot Monitor Output (BNC)	---	---	---
Analog Input	4-Ch, 1.0 Vp-p, 75 Ω	8-Ch, 1.0 Vp-p, 75 Ω	16-Ch, 1.0 Vp-p, 75 Ω
Video Standard	HD-TVI/CVBS (auto-detect)	HD-TVI/CVBS (auto-detect)	HD-TVI/CVBS (auto-detect)
Audio Input/Output	1-ch/1-ch	1-ch/1-ch	1-ch/1-ch
Alarm Input/Output	---	---	---
USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0
RAID Support	---	---	---
Internal SATA	1 x SATA interface	1 x SATA interface	1 x SATA interface
Max Internal Storage	Up to 6 TB capacity	Up to 6 TB capacity	Up to 6 TB capacity
Support DVD-RW	---	---	---
Max. fps 720p/1080p/3MP HD-TVI	30/12/12	30/12/12	30/12/12
Max. Analog (CVBS) Resolution	960H	960H	960H
Disable Turbo/CVBS Channel/ Add IPC	---	---	---
Hikvision IP Camera Support	1-ch up to 1080p	2-ch up to 1080p	2-ch up to 1080p
Front Panel Control	---	---	---
OSD Menu-Up-the-Coax	Yes	Yes	Yes
eSATA Interface	---	---	---
Turbo Channel VCA (Video Content Analysis)1	---	---	---
Smart Play	Yes	Yes	Yes
Max Incoming/Outgoing Bandwidth (Mbps)	60	96	128
Max. Network Streams	128	128	128
User Names	32	32	32
Remote User Logins	128	128	128
Ratings	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
Rack Units	1	1	1
Power Requirements	12VDC, 8W	12VDC, 12W	12VDC, 20W



NETWORK CAMERAS - VALUE SERIES

	OUTDOOR WI-FI DOME	WI-FI COMPACT DOME			WI-FI CUBE		
	DS-2CD2112FWD-IWS	DS-2CD2122FWD-IWS	DS-2CD2142FWD-IWS	DS-2CD2522FWD-IWS	DS-2CD2542FWD-IWS	DS-2CD2425FWD-IW	DS-2CD2455FWD-IW
Model	 NEW 1.3 MP	 NEW 2 MP	 NEW 4 MP	 2 MP	 4 MP	 NEW 2 MP	 NEW 2 MP
Image Sensor	1/3" progressive scan CMOS	1/2.8" progressive scan CMOS	1/3" progressive scan CMOS	1/2.8" progressive scan CMOS	1/3" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Min. Illumination (lux)	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.009 @ f/1.6 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR
Lens/ Horizontal Angle of View	Fixed, 4 mm @ f/2.0 (2.8 mm, 6 mm option)/ 92.5° (2.8 mm), 73.1° (4 mm), 46° (6 mm)	Fixed, 4mm @ f/2.0 (2.8 mm, 6 mm option)/ 114° (2.8mm), 88° (4mm), 55° (6mm)	Fixed, 2.8 mm @ f/2.0 (4 mm, 6 mm option)/ 106° (2.8 mm), 83° (4 mm), 55.4° (6 mm)	Fixed, 4 mm @ f/2.0 (6 mm option)/ 85° (4 mm), 52° (6 mm)	Fixed, 4 mm @ f/2.0 (2.8 mm, 6 mm option)/ 106° (2.8 mm), 83° (4 mm), 56° (6 mm)	Fixed, 2.8mm @ f/1.6/ 108°	Fixed, 2.8 mm @ f/2.0/ 97°
Pan/Tilt/Rotation	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	-30° to 30°/ 0° to 75°/0° to 360°	-30° to 30°/ 0° to 75°/0° to 360°	0° to 360°/ 0° to 90°/0° to 360°	0° to 360°/ 0° to 90°/0° to 360°
Day/Night/BLC/WDR	TRUE/ Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB
IR Range Max. (meters)	30	30	30	10	10	10	10
Video Compression	H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
Maximum Image Resolution (pixels)	1280x960	1920x1080	2688x1520	1920x1080	2688x1520	1920x1080	1920x1080
Frame Rate (fps)	30 @ 1280x960, 1280x720	30 @ 1920x1080, 1280x960, 1280x720	20 @ 2688x1520 30 @ 1920x1080, 1280x720	30 @ 1920x1080, 1280x960, 1280x720	20 @ 2688x1520 30 @ 1920x1080, 1280x720	30 @ 1920x1080, 1280x960, 1280x720	30 @ 1920x1080, 1280x960, 1280x720
Multi-Streaming	Dual	Dual	Dual	Dual	Dual	Triple	Triple
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wireless	IEEE 802.11b/g/n	IEEE 802.11b/g/n	IEEE 802.11b/g/n	IEEE 802.11b/g/n	IEEE 802.11b/g/n	IEEE 802.11b/g/n	IEEE 802.11b/g/n
Audio Input/Output	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	OUT: 1 line Mic: Built in	OUT: 1 line Mic: Built in	OUT: 1 line Mic: Built in	OUT: 1 line Mic: Built in
Alarm Input/Output	1/1	1/1	1/1	1/1	1/1	---	---
Local Storage	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.	MicroSD, 128 GB max.
Ratings	IP66, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK8, UL/cUL Listed	IP67, IK8, UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
Operating Temperature Range	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-10° C to 50° C (14° F to 104° F)	-10° C to 50° C (14° F to 104° F)
Power Requirements (max.)	12V DC PSU included, PoE (802.3af), 5 W	12V DC, PoE (802.3af), 5 W	12V DC, PoE (802.3af), 5 W	12V DC, PoE (802.3af), 5 W, PSU included	12V DC, PoE (802.3af), 5 W, PSU included	12V DC, PoE (802.3af), 7 W, PSU included	12V DC, PoE (802.3af), 7 W, PSU included



Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.
⁵PTeZ™ cameras have a sensor-based zoom

NETWORK CAMERAS - VALUE SERIES

	WI-FI MINI BULLET	WI-FI DOME
Model	DS-2CD2023G0D-IW2  2 MP	DS-2CD2123G0D-IW2  2 MP
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Min. Illumination (lux)	Color: 0.07 Lux @ f/2.0, AGC ON B/W: 0 with IR	Color: 0.07 Lux @ f/2.0, AGC ON B/W: 0 with IR
Lens/ Horizontal Angle of View	Fixed, 4 mm @ f/2.0 (2.8 mm, 6 mm, 8 mm option)/ 114° (2.8 mm), 90° (4 mm), 54° (6 mm), 43° (8 mm)	Fixed, 4 mm @ f/2.0 (2.8 mm, 6 mm, 8 mm option)/ 114° (2.8 mm), 90° (4 mm), 54° (6 mm), 43° (8 mm)
Pan/Tilt/Rotation	0° to 360°/ 0° to 90°/0° to 360°	0° to 355°/ 0° to 75°/0° to 355°
Day/Night/BLC/WDR	TRUE/Yes/Digital	TRUE/Yes/Digital
IR Range Max. (meters)	10 to 30	10 to 30
Video Compression	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG
Maximum Image Resolution (pixels)	1920x1080	1920x1080
Frame Rate (fps)	30 @ 1920x1080, 1280x960, 1280x720	30 @ 1920x1080, 1280x960, 1280x720
Multi-Streaming	Dual	Dual
Motion Detection	Yes	Yes
Wireless	IEEE 802.11b/g/n	IEEE 802.11b/g/n
Audio Input/Output	Built-in mic	Built-in mic
Alarm Input/Output	---	---
Local Storage	---	---
Ratings	IP66, UL/cUL Listed	IP66, UL/cUL Listed
Operating Temperature Range	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Power Requirements (max.)	12V DC ± 25%, 5W	12V DC ± 25%, 5W

Standards: Complies with ONVIF (Profile S), PSIA, CGI ASAPI. Contact factory for details; Command Protocols: Hikvision and Pelco D/P protocols

NETWORK VIDEO RECORDERS

	DS-7604NI-K1/W/1T*	DS-7608NI-K1/W/2T*
Model	 *with 1 TB HDD	 *with 2 TB HDD
Video Compression	H.264/H.264+/H.265/H.265+	H.264/H.264+/H.265/H.265+
HDMI/VGA Output	1920x1080/1920x1080	1920x1080/1920x1080
IP Video Input	4-ch	8-ch
Network Interface	1 LAN	1 LAN
Wireless	IEEE 802.11b/g/n	IEEE 802.11b/g/n
Audio Input/Output	-/1 (RCA)	-/1 (RCA)
USB	2 USB 2.0	2 USB 2.0
Internal SATA	1 (up to 6 TB)	1 (up to 6 TB)
Max. Incoming Bandwidth (Mbps)	50 Mbps	50 Mbps
Maximum Outgoing Bandwidth (Mbps)	40 Mbps	40 Mbps
Max. Remote Connections	128	128
Ratings	UL/cUL Listed	UL/cUL Listed
Power Requirements	12V DC, PSU included	12V DC, PSU included
Max. Total Power	18 W with 1 TB HDD	18 W with 2 TB HDD

Wi-Fi Kits



COMING SOON

Hikvision is introducing new Wi-Fi Kits complete with recorder and cameras for single-site applications. The kits contain a recorder and multiple cameras in a single box, suitable for DIY applications, like a residence or a small business. The Wi-Fi Kits will include 4 and 8 channel recorders along with 4 and 6 cameras respectively. Contact your factory representative for more information.



IP KITS

Hikvision introduces its first series of complete recorder and camera kits for single-site applications. The Kits contain a recorder and multiple cameras in a single box, suitable for DIY applications like a residence or a small business. The IP Kits will include 4 and 8 channel recorders along with 4 and 6 cameras respectively.

Super Value Kits

I7604N1TA

Includes Four 1080P Outdoor IR Domes, DS-2CD2120F-I (KIT), and one 4-channel NVR, DS-7604NI-EV1/4P (KIT)



I7608N2TA

Includes Six 1080P Outdoor IR Domes, DS-2CD2120F-I (KIT), and one 8-channel NVR, DS-7608NI-EV2/8P (KIT)



Performance Kits

I7604N1TP

Includes Four 4 MP Outdoor IR Turrets, DS-2CD2342WD-I (KIT), and one 4-channel NVR, DS-7604NI-EV1/4P (KIT)



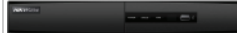



I7608N2TP

Includes Six 4 MP Outdoor IR Turrets, DS-2CD2342WD-I (KIT), and one 8-channel NVR, DS-7608NI-EV2/8P (KIT)





IP KITS

	OUTDOOR DOME	OUTDOOR TURRET	4-CH NVR	8-CH NVR
	DS-2CD2120F-I (KIT)	DS-2CD2342WD-I (KIT)	DS-7604NI-EV1/4P (KIT)	DS-7608NI-EV2/8P (KIT)
Model	 2 MP	 4 MP		
Image Sensor	1/2.8" progressive scan CMOS	1/3" progressive scan CMOS		
Min. Illumination (lux)	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR		
Lens/Horizontal Angle of View	Fixed, 2.8 mm @ f/2.0 / 106° (2.8 mm)	Fixed, 2.8 mm @ f/2.0 / 106° (2.8 mm)		
Pan/Tilt/Rotation	0° to 355° / 0° to 75° / 0° to 355°	0° to 360° / 0° to 75° / 0° to 360°		
Day/Night/BLC/WDR	TRUE/Yes/Digital	TRUE/Yes/120 dB		
IR Range Max (meters)	30	30		
Video Compression	H.264/MJPEG	H.264+/H.264/MJPEG		
Max. Image Resolution (pixels)	1920x1080	2688x1520		
Frame Rate (fps)	30 @ 1920x1080, 1280x960, 1280x720	20 @ 2688x1520 30 @ 1920x1080, 1280x720		
Multi-Streaming	Dual	Dual		
Motion Detection	Yes	Yes		
Audio Input/Output	---	---		
Alarm Input/Output	---	---		
Local Storage	---	---		
Smart Features	Basic Smart Suite ²	Basic Smart Suite ²		
Ratings	IP67, UL/cUL Listed	IP67, UL/cUL Listed		
Operating Temperature Range	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)		
Power Requirements (max.)	12V DC, PoE (802.3af), 5.3 W	12V DC, PoE (802.3af), 7.5 W		
Model				
Max. Recording Resolution			5 MP	5 MP
Video Compression			H.264, H.264+	H.264, H.264+
HDMI/VGA Output			1920x1080/1920x1080, synchronized output	1920x1080/1920x1080, synchronized output
IP Video Input			4-ch IPC with integrated 4-port 802.3af/at PoE switch	8-ch IPC with integrated 8-port 802.3af/at PoE switch
Audio Input/Output			1 line in/1 line out	1 line in/1 line out
Alarm Input/Output			4 ch/1 ch	4 ch/1 ch
USB			1 USB 2.0; 1 USB 3.0	1 USB 2.0; 1 USB 3.0
Internal HDD			1 TB	2 TB
Max. Internal Storage			6 TB	6 TB
Max Incoming Bandwidth (Mbps)			40	60
Maximum Outgoing Bandwidth (Mbps)			60	60
Max. Remote Connections			32	32
Rack Units			1	1
Ratings			UL/cUL Listed	UL/cUL Listed
PoE Budget			50 W	120 W
Power Requirements			48VDC, ≤10W without HDD	100 to 240 VAC, ≤10W without HDD

Standards: Complies with ONVIF (Profile S and G), CGI ASAPI. Contact factory for details.

²Basic Smart Suite: Line Crossing, Intrusion Detection

*Cameras available for expansion, NVR's are not sold separately.

	4-CH DVR	8-CH DVR
Model	DS-7104HQHI-F1/NB 	DS-7108HQHI-F1/NB 
Max. Recording Resolution	2 MP	2 MP
Video Compression	H.264+	H.264+
HDMI/VGA Output	1920 x 1080/60Hz, 1280 x 1024/60 Hz, 1280 x 720/60Hz, 1024 x 768/60Hz	1920 x 1080/60Hz, 1280 x 1024/60 Hz, 1280 x 720/60Hz, 1024 x 768/60Hz
Spot Monitor Output (BNC)	No	No
Analog Input	4-Ch 1.0 Vp-p, 75 Ω	8-Ch 1.0 Vp-p, 75 Ω
Video Standard	HD-TVI/CVBS (auto-detect)	HD-TVI/CVBS (auto-detect)
Two-Way Audio Input	1-ch, RCA (linear, 1K Ω)	1-ch, RCA (linear, 1K Ω)
USB 2.0	2 x USB 2.0	2 x USB 2.0
RAID Support	---	---
Internal SATA	1 port	1 port
Internal Storage	1 TB	1 TB
Support DVD-RW	No	No
Max. fps 720p/1080p HD-TVI	12fps with included cameras	12fps with included cameras
Hikvision IP Camera Support	No	No
OSD Menu-Up-the-Coax	Supported	Supported
eSATA Interface	No	No
Smart Play	Yes	Yes
Ratings	UL/cUL Listed	UL/cUL Listed
Power Requirements	12V DC, ≤ 8 W	12V DC, ≤ 12 W

	OUTDOOR TURRET	OUTDOOR DOME
Model	DS-2CE56D0T-IR  2 MP	DS-2CE56D7T-VPIT  2 MP
Image Sensor	2 MP CMOS	2 MP CMOS
Min. Illumination (lux)	Color: 0.028 @ f/2.0, AGC on, 0 lux with IR	Color: 0.034 @ f/2.0, AGC on, 0 lux with IR
HD-TVI Resolution	1080p	1080p
Lens	Fixed, 2.8 mm @ f/2.0	Fixed, 2.8 mm @ f/2.0
Horizontal Angle of View	103°	103°
Pan/Tilt/Rotation	0° to 360°/ 0° to 75°/0° to 360°	0° to 340°/ 0° to 75°/0° to 355°
Day/Night	True (ICR)	True (ICR)
BLC/WDR	Yes	Yes
IR Range (meters)	20	20
Vertical Synchronization	Internal	Internal
OSD Menu	Yes, over UTC	Yes, over UTC
Ratings	IP66, UL/cUL Listed	IP66, UL/cUL Listed
Operating Temperature Range	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)
Power Requirements (max.)	12V DC ±15%, 4 W	12V DC ±15%, 5 W

TurboHD™ KITS

Hikvision introduces its first series of complete recorder and camera kits for single-site applications. The Kits contain a recorder and multiple cameras in a single box, suitable for DIY applications like a residence or a small business. The TurboHD Kits will include 4 and 8 channel recorders along with 4 and 6 cameras respectively.

Super Value Kits

T7104Q1TA

Includes Four 1080P Outdoor IR Turrets (DS-2CE56D0T-IR) and one 4-channel DVR (DS-7104HQHI-F1/NB)



T7108Q2TA

Includes Six 1080P Outdoor IR Turrets (DS-2CE56D0T-IR) and one 8-channel DVR (DS-7108HQHI-F1/NB)



Performance Kits

T7104Q1TB

Includes Four 1080P Outdoor IR Domes (DS-2CE56D7T-VPIT) and one 4-channel DVR (DS-7104HQHI-F1/NB)



T7108Q2TB

Includes Six 1080P Outdoor IR Domes (DS-2CE56D7T-VPIT) and one 8-channel DVR (DS-7108HQHI-F1/NB)





5 MP Ultra-Low Light EXIR 2.0 Vandal-Proof PoC Dome Camera DS-2CE56H5T-VPIT3ZE

Our premiere Dome camera offering 5 MP resolution, 2.8 mm – 12 mm motorized varifocal lens, vandal-proof housing, PoC, robust IP67/IK10 environmental protection and UTC (up the Coax) OSD (On Screen Display) of the menu system.

TurboHD™ SOLUTIONS

Enjoy HD using existing cabling with Hikvision's TurboHD HD-TVI technology. It provides HD video up to 4K over coaxial cable at distances up to 2,600 feet. Specially designed for analog users who want a high-definition surveillance system, this product line allows users to enjoy HD without upgrading to IP or replacing existing cabling structures. Delivering impressive image quality, this camera line offers incredibly durable, vandal-proof products with features such as industry-leading H.265+ video compression, OSD menu via Up-the-Coax (UTC), Power over Coax (PoC), EXIR 2.0 illumination, motorized zoom and focus, and 120dB WDR.

TurboHD Plug and Play DVR products offer several models scalable for small to medium-sized businesses with 4 to 32 channels. All TurboHD DVRs are tribrid—a true revolution in the professional surveillance market—supporting traditional analog (CVBS), HD-TVI, and IP cameras. Thanks to autosensing technology, installation is extremely easy. These DVR products also provide H.265 and Hikvision's unique H.265+ video compression, and up to 48 TB of recording space, with some models supporting 8 TB HDD capacities. DVRs support remote monitoring via iVMS-4200 and the iVMS-4500 app.

Higher Resolution

5 and 8 MP (4K) Cameras and DVR series support higher HD-TVI resolution input and output up to 4K UHD HDMI.

Better Video Compression

H.265/H.265+ industry-leading technology reduces bandwidth and storage requirements by up to a factor of four.

Longer Video Transmission Distances

TurboHD uses HD-TVI technology that provides longer video transmission distances of video and digital data from camera to DVR over standard non-HD video distances.

Ultra-Low Light Imaging Performance

Hikvision now offers Ultra Low Light performance cameras with sensitivity specifications as low as 0.003 lux.

Integrated Power over Coax (PoC)

Selected cameras and DVR series support camera power over the video coaxial cable, eliminating the need for individual camera power supplies and providing hot-standby, dual source camera power.

Integrated Fisheye Camera

An analog Fisheye lens camera provides a number of virtual PTZ and panoramic views that support audio and image resolution to 5 MP.

Tribrid Technology

The tribrid approach allows DVR auto-detection and instant imaging of standard analog cameras, TurboHD (HD-TVI) cameras, and standard IP cameras.

EXIR 2.0 Technology

Advanced IR Illumination technology provides intelligent focused light to optimize scene illumination and increase reliability, all within a small package size.

2 MP Ultra-Low Light EXIR 2.0 Vandal-Proof PoC Dome Camera

DS-2CC52D9T-AVPIT3ZE
A premiere dome camera offering 2 MP resolution, ULL lux rating of 0.003 @ f/1.2, 2.8mm – 12mm motorized varifocal lens, vandal-proof housing, PoC, robust IP67/IK10 environmental protection and UTC (up the Coax) OSD (On Screen Display) of the menu system.



5 MP EXIR Fisheye Camera

DS-2CC52H1T-FITS
An analog HD-TVI fisheye lens camera offering 5 MP resolution and a number of virtual PTZ and panoramic views for maximum scene coverage with audio support.



INDOOR BOX

INDOOR DOME

	DS-2CC12D9T-A	DS-2CE56C5T-AVFIR	DS-2CE56D5T-AVFIR*	DS-2CE56D5T-AIRZ	DS-2CE56D1T-AVFIR*	DS-2CE56D7T-AITZ	DS-2CE56D8T-AITZ	DS-2CC52D9T-AITZE	DS-2CE56F7T-AITZ	DS-2CE56H1T-AITZ
Model	 <i>*Lens NOT included</i> 1080p	 720p	 <i>*Black model available DS-2CE56D5T-AVFIRB</i> 1080p	 1080p	 <i>*Black model available DS-2CE56D1T-AVFIRB</i> 1080p	 EXIR 1080p	 EXIR 1080p	 EXIR 1080p	 EXIR 3 MP	 EXIR 5 MP
TurboHD Platform	1.0	1.0	1.0	1.0	1.0	3.0	4.0	4.0	3.0	4.0
Video Out	HD-TVI/CVBS (Dual)	HD-TVI/CVBS (selectable)	HD-TVI/CVBS (Dual)	HD-TVI/CVBS (Dual)	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI
Image Sensor	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/2.7" progressive scan CMOS	1/2.7" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS
HD-TVI Resolution	1920x1080	1280x720	1920x1080	1920x1080	1920x1080	1920x1080	1920 (H) x 1080 (V)	1920 (H) x 1080 (V)	1920x1536	2592 (H) x 1944 (V)
CVBS Resolution	600TVL	720TVL	600TVL	600TVL	---	---	---	720*576	---	---
Min. Illumination (lux)	Color: 0.1 @ f/1.2 B/W: 0.0001 @ f/1.2	Color: 0.0014 @ f/1.4 B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.0014 @ f/1.4 B/W: 0 with IR	Color: 0.0014 @ f/1.4 B/W: 0 with IR	Color: 0.03 @ f/1.4 B/W: 0 with IR	Color: 0.005 Lux @ f/1.2, AGC ON, 0 Lux with IR	0.003 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.038 @ f/1.4 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR
Lens	C/CS mount	2.8 to 12 mm @ f/1.4, manual	2.8 to 12 mm @ f/1.4, manual	2.8 to 12 mm @ f/1.4, motorized	2.8 to 12 mm @ f/1.4, manual	2.8 -12 mm, motorized lens	2.8 mm to 12 mm motorized vari-focal lens	2.8 mm to 12 mm	2.8 -12mm, motorized lens	2.8 -12 mm motorized lens
Horizontal Angle of View	Dependent on lens	92° to 29.3°	103° to 32.1°	103° to 32.1°	114.5° to 35.1°	35.1° to 114.5°	32.1° to 103°	32.1° to 98°	26.8° to 83°	27.7° to 86.8° (2.8 to 12 mm)
Pan/Tilt/Rotation	---	0° to 340°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 340°/ 0° to 75°/0° to 355°	0° to 340°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/No/Digital	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/No	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB
IR Range Max. (meters)	---	30	30	30	30	30	20	40	30	30
Vertical Synchronization	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal
OSD Menu via Up-the-Coax (UTC)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ratings	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	IP50, UL/cUL Listed	UL/cUL Listed	IP65, UL/cUL Listed	IP65, UL/cUL Listed
Operating Temperature Range	-30° C to 60° C (-22° F to 140° F)	-20° C to 45° C (-4° F to 113° F)	-20° C to 45° C (-4° F to 113° F)	-20° C to 45° C (-4° F to 113° F)	-20° C to 45° C (-4° F to 113° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)
Power Requirements (max.)	24 V ±15% AC, 12 V ±15% DC, 6 W	12V DC ±15%, 24 VAC ±15%, 5 W	12V DC ±15%, 24 VAC ±15%, 6 W	12V DC ±15%, 24 VAC ±15%, 6 W	12V DC ±15%, 24 VAC ±15%, 4 W	12V DC ±15%, 24 VAC ±15%, 6.5 W	12V DC ±25%, 24 V AC ±25%, 7 W	24 VAC/12V DC ±30%/ PoC.at,6W	12V DC ±15%, 24 VAC ±15%, 6.5 W	12V DC ±20%, 24 V AC ±20%, 6.5 W

OUTDOOR DOME

	DS-2CE56C5T-AVPIR3	DS-2CE56D1T-VP1R*	DS-2CE56D1T-AVPIR3*	DS-2CE56D5T-AVPIR3*	DS-2CE56D5T-AVPIR3ZH	DS-2CE56D7T-VPIT	DS-2CE56D7T-AVPIT3Z	DS-2CE56D8T-VPIT*	DS-2CE56D8T-AVPIT3Z*	DS-2CC52D9T-AVPIT3ZE*
Model	 720p	 *Black model available DS-2CE56D1T-VP1RB 1080p	 *Black model available DS-2CE56D1T-AVPIR3B 1080p	 *Black model available DS-2CE56D5T-AVPIR3B 1080p	 1080p	 EXIR 1080p	 EXIR 1080p	 EXIR *Black model available DS-2CE56D8T-VPITB 1080p	 *Black model available DS-2CE56D8T-AVPIT3ZB 1080p	 *Black model available DS-2CC52D9T-AVPIT3ZEB 1080p
TurboHD Platform	1.0	1.0	1.0	1.0	1.0	3.0	3.0	4.0	4.0	4.0
Video Out	HD-TVI/CVBS (selectable)	HD-TVI	HD-TVI	HD-TVI/CVBS (Dual)	HD-TVI/CVBS (Dual)	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI
Image Sensor	1/3" progressive scan CMOS	1/2.7" progressive scan CMOS 1/3" progressive scan CMOS (only 2.8 mm)	1/2.7" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/2.7" progressive scan CMOS	1/2.7" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS
HD-TVI Resolution	1280x720	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080	1920 (H) × 1080 (V)	1920 (H) × 1080 (V)	1920 (H) × 1080 (V)
CVBS Resolution	720TVL	---	---	600TVL	600TVL	---	---	---	---	720*576
Min. Illumination (lux)	Color: 0.0014 @ f/1.4 B/W: 0 with IR	Color: 0.034 @ f/2.5 B/W: 0 with IR	Color: 0.14 @ f/1.4 B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.053 @ f/2.5 B/W: 0 with IR	Color: 0.03 @ f/1.4 B/W: 0 with IR	Color: 0.005 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.005 Lux @ f/1.2, AGC ON, 0 Lux with IR	0.003 Lux @ f/1.2, AGC ON, 0 Lux with IR
Lens	2.8 to 12 mm @ f/1.4, manual	Fixed, 3.6 mm @ f/2.5 (2.8 mm, 6 mm option)	2.8 to 12 mm @ f/1.4, manual	2.8 to 12 mm @ f/1.4, manual	2.8 to 12 mm @ f/1.4, motorized	Fixed, 2.8 mm, 3.6 mm, 6 mm option	2.8 - 12 mm, motorized lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm to 12 mm motorized vari-focal lens	2.8 mm to 12 mm, motorized vari-focal lens
Horizontal Angle of View	92° to 29.3°	105.8° (2.8 mm), 84.3° (3.6 mm), 55.4° (6 mm)	105.2° to 32.8°	103° to 32.1°	103° to 32.1°	103° (2.8 mm), 82.2° (3.6 mm), 54° (6 mm)	100° to 35.1°	103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm)	32.1° to 103°	32.1° to 98°
Pan/Tilt/Rotation	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 340°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 360°/ 0° to 75°/0° to 360°	0° to 340°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°
Day/Night/BLC/WDR	TRUE/No/Digital	TRUE/Yes/No	TRUE/Yes/No	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB
IR Range Max. (meters)	40	20	40	40	40	20	40	20	40	40
Vertical Synchronization	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal
OSD Menu via Up-the-Coax (UTC)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ratings	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP67, IK7, UL/cUL Listed	IP67, IK8, UL/cUL Listed	IP67, IK10, UL/cUL Listed
Operating Temperature Range	-30° C to 60° C (-22° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)
Power Requirements (max.)	12V DC ±15%, 24 VAC ±15%, 5 W	12V DC ±15%, 4 W	12V DC ±15%, 24 VAC ±15%, 4 W	12V DC ±15%, 24 VAC ±15%, 6 W	12V DC ±15%, 24 VAC ±15%, 12 W	12V DC, 5 W	12V DC, 24 VAC ±15%, 6.5W	12V DC ±25%, 3.2W	12V DC ±25%, 24 V AC ±25%, 7W	24 VAC/12V DC ±30%/ PoC.at.6W



OUTDOOR DOME

INDOOR FISHEYE

OUTDOOR BULLET

	DS-2CE56F7T-VPIT*	DS-2CE56F7T-AVPIT3Z*	DS-2CE56H1T-VPIT*	DS-2CE56H1T-AVPIT3Z*	DS-2CE56H5T-VPITE*	DS-2CE56H5T-VPIT3ZE	DS-2CC52H1T-FITS	DS-2CE16C2T-IR	DS-2CE16C5T-IT1	DS-2CE16C5T-VFIR3
Model	 EXIR *Black model available DS-2CE56F7T-VPITB 3 MP	 EXIR *Black model available DS-2CE56F7T-AVPIT3ZB 3 MP	 EXIR *Black model available DS-2CE56H1T-VPITB 5 MP	 EXIR *Black model available DS-2CE56H1T-AVPIT3ZB 5 MP	 EXIR *Black model available DS-2CE56H5T-VPITEB 5 MP	 5 MP	 EXIR 5 MP	 720p	 EXIR 720p	 720p
TurboHD Platform	3.0	3.0	4.0	4.0	4.0	3.0	4.0	1.0	1.0	1.0
Video Out	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI/CVBS (selectable)	HD-TVI/CVBS (selectable)
Image Sensor	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/2.5" progressive scan CMOS	1/2.5" progressive scan CMOS	1/3.2" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS
HD-TVI Resolution	1920x1536	1920x1536	2592 (H) x 1944 (V)	2592 (H) x 1944 (V)	2560 (H) x 1944 (V)	2560 (H) x 1944 (V)	2592 (H) x 1944 (V)	1280x720	1280x720	1280x720
CVBS Resolution	---	---	---	---	---	---	---	---	720TVL	720TVL
Min. Illumination (lux)	Color: 0.070 @ f/2.5 B/W: 0 with IR	Color: 0.038 @ f/1.4 B/W: 0 with IR	Color: 0.053 @ f/2.5 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.008 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.008 Lux @ f/1.2, AGC ON, 0 Lux with IR	0.01 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.043 @ f/2.5 B/W: 0 with IR	Color: 0.043 @ f/2.5 B/W: 0 with IR	Color: 0.0014 @ f/1.4 B/W: 0 with IR
Lens	Fixed, 3.6 mm @ f/2.5 (2.8 mm, 6 mm option)	2.8 -12 mm, motorized lens	Fixed, 2.8 mm, 3.6 mm and 6 mm	2.8 -12 mm motorized lens	2.8 mm 3.6 mm, 6 mm fixed focal lens	2.8 to 12 mm, motorized vari-focal lens	1.1mm	Fixed, 3.6 mm @ f/2.5 (2.8 mm, 6 mm option)	Fixed, 3.6 mm @ f/2.5 (2.8 mm, 6 mm, 8 mm option)	2.8 to 12 mm @ f/1.4, manual
Horizontal Angle of View	84° (2.8 mm), 67.8° (3.6 mm), 44.6° (6 mm)	26.8° to 83°	94.4° (2.8 mm), 72.4° (3.6 mm), 48.6° (6 mm)	90.4° to 28°	91° (2.8 mm), 70° (3.6 mm), 45° (6 mm)	102° to 31°	360	74.6° (3.6 mm), 92.6° (2.8 mm), 49° (6 mm)	74.6° (3.6 mm), 92.6° (2.8 mm), 49° (6 mm), 34.5° (8 mm)	92° to 29.3°
Pan/Tilt/Rotation	0° to 340°/ 0° to 75°/0° to 355°	0° to 340°/ 0° to 75°/0° to 355°	0° to 355° / 0° to 75° / 0° to 355°	0° to 355° / 0° to 75° / 0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 30°/0°/0°	0° to 360°/ 0° to 180°/0° to 360°	0° to 360°/ 0° to 90°/0° to 360°	0° to 360°/ 0° to 90°/0° to 360°
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/N/A	TRUE/No/No	TRUE/No/Digital	TRUE/No/Digital
IR Range Max. (meters)	20	40	20	40	20	40	20	20	20	40
Vertical Synchronization	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal
OSD Menu via Up-the-Coax (UTC)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
Ratings	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed
Operating Temperature Range	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-20° C to 60° C (-4° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)
Power Requirements (max.)	12V DC, 5 W	12V DC ±15%, 24 VAC ±15%, 6.5 W	12V DC ±25%, 5 W	12V DC ±25%, 24 VAC ±25%, 6.5 W	12V DC ±25%/PoC.af, 3W	12V DC ±25%/PoC.at, 8 W	DC12V±15%,5.5W	12V DC ±15%, 4 W	12V DC ±15%, 4 W	12V DC ±15%, 5 W

OUTDOOR BULLET

Model	DS-2CE16D1T-IR	DS-2CE16D1T-IT1	DS-2CE16D5T-IT3	DS-2CE16D1T-AVFIR3	DS-2CE16D5T-AVFIT3	DS-2CE16D5T-AIR3ZH	DS-2CE16D9T-AIRAZH	DS-2CE16D7T-IT	DS-2CE16D7T-IT5	DS-2CE16D7T-AIT3Z
 1080p EXIR 1080p EXIR 1080p EXIR 1080p EXIR 1080p EXIR 1080p EXIR 1080p EXIR 1080p EXIR 1080p EXIR 1080p EXIR										
TurboHD Platform	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	3.0	3.0
Video Out	HD-TVI	HD-TVI	HD-TVI/CVBS (Dual)	HD-TVI	HD-TVI/CVBS (Dual)	HD-TVI/CVBS (Dual)	HD-TVI/CVBS (Dual)	HD-TVI	HD-TVI	HD-TVI
Image Sensor	1/2.7" progressive scan CMOS 1/3" progressive scan CMOS (only 2.8 mm)	1/2.7" progressive scan CMOS 1/3" progressive scan CMOS (only 2.8 mm)	1/3" progressive scan CMOS	1/2.7" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/2.7" progressive scan CMOS	1/2.7" progressive scan CMOS	1/2.7" progressive scan CMOS
HD-TVI Resolution	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
CVBS Resolution	---	---	600TVL	---	600TVL	600TVL	600TVL	---	---	---
Min. Illumination (lux)	Color: 0.034 @ f/2.5 B/W: 0 with IR	Color: 0.034 @ f/2.5 B/W: 0 with IR	Color: 0.043 @ f/2.5 B/W: 0 with IR	Color: 0.14 @ f/1.4 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.028 @ f/2.0 B/W: 0 with IR	Color: 0.053 @ f/2.5 B/W: 0 with IR	Color: 0.053 @ f/2.5 B/W: 0 with IR	Color: 0.03 @ f/1.4 B/W: 0 with IR
Lens	Fixed, 3.6 mm @ f/2.5 (2.8 mm, 6 mm option)	Fixed, 3.6 mm @ f/2.5 (2.8 mm, 6 mm option)	Fixed, 3.6 mm @ f/2.5 (2.8 mm, 6 mm, 12 mm option)	2.8 to 12 mm @ f/1.4, manual	2.8 to 12 mm @ f/1.4, manual	2.8 to 12 mm @ f/1.4, motorized	5 to 50 mm @ f/2.0 motorized	Fixed, 3.6 mm @ f/2.5 (2.8 mm, 6 mm option)	Fixed, 3.6 mm, 6 mm, 8 mm, 12 mm, 16 mm option	2.8 -12 mm, motorized lens
Horizontal Angle of View	105.8° (2.8 mm), 84.3° (3.6 mm), 55.4° (6 mm)	105.8° (2.8 mm), 84.3° (3.6 mm), 55.4° (6 mm)	82.6° (3.6 mm), 103.5° (2.8 mm), 54.4° (6 mm), 38° (8 mm), 24.4° (12 mm), 18.9° (16 mm)	105.2° to 32.8°	103° to 32.1°	103° to 32.1°	59.8° to 6.2°	103° (2.8 mm), 82.2° (3.6 mm), 54° (6 mm)	82.2° (3.6 mm), 54° (6 mm), 37.7° (8 mm), 24.3° (12 mm), 18.8° (16 mm)	35.1° to 114.5°
Pan/Tilt/Rotation	0° to 360°/ 0° to 180°/ 0° to 360°	0° to 360°/ 0° to 180°/ 0° to 360°	0° to 360°/ 0° to 180°/ 0° to 360°	0° to 360°/ 0° to 90°/ 0° to 360°	0° to 360°/ 0° to 90°/ 0° to 360°	0° to 360°/ 0° to 90°/ 0° to 360°	0° to 360°/ 0° to 90°/ 0° to 360°	0° to 360°/ 0° to 90°/ 0° to 360°	0° to 360°/ 0° to 90°/ 0° to 360°	0° to 360°/ 0° to 90°/ 0° to 360°
Day/Night/BLC/WDR	TRUE/Yes/No	TRUE/Yes/No	TRUE/Yes/120 dB	TRUE/Yes/No	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/ Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB
IR Range Max. (meters)	20	20	40	40	50	40	110	20	80	40
Vertical Synchronization	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal
OSD Menu via Up-the-Coax (UTC)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ratings	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed
Operating Temperature Range	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)
Power Requirements (max.)	12V DC ±15%, 4 W	12V DC ±15%, 4 W	12V DC, 5 W	12V DC, 24 VAC, 6 W	12V DC ±15%, 24 VAC ±15%, 10 W	12V DC ±15%, 24 VAC ±15%, 12W	AC 24V ±15%, DC 12V ±15%, 20 W	12V DC, 5 W	12V DC, 5 W	12V DC / 24V AC ±15%, 9 W



OUTDOOR BULLET

	DS-2CE16D8T-IT	DS-2CE16D8T-IT3	DS-2CE16D8T-IT5	DS-2CE16D8T-AIT3Z	DS-2CC12D9T-IT3E	DS-2CC12D9T-IT5E	DS-2CC12D9T-AIT3ZE	DS-2CE16F7T-IT	DS-2CE16F7T-IT5	DS-2CE16F7T-AIT3Z	DS-2CE16H1T-IT1
Model											
	EXIR 1080p	EXIR 1080p	EXIR 1080p	EXIR 1080p	EXIR 1080p	EXIR 1080p	EXIR 1080p	EXIR 3 MP	EXIR 3 MP	EXIR 3 MP	EXIR 5 MP
TurboHD Platform	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	4.0
Video Out	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI
Image Sensor	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS
HD-TVI Resolution	1920 (H) x 1080 (V)	1920 (H) x 1080 (V)	1920 (H) x 1080 (V)	1920 (H) x 1080 (V)	1920 (H) x 1080 (V)	1920 (H) x 1080 (V)	1920 (H) x 1080 (V)	1920x1536	1920x1536	1920x1536	2592 (H) x 1944 (V)
CVBS Resolution	---	---	---	---	720*576	720*576	720*576	---	---	---	---
Min. Illumination (lux)	Color: 0.005 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.005 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.005 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.005 Lux @ f/1.2, AGC ON, 0 Lux with IR	0.003 Lux @ f/1.2, AGC ON, 0 Lux with IR	0.003 Lux @ f/1.2, AGC ON, 0 Lux with IR	0.003 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.070 @ f/2.5 B/W: 0 with IR	Color: 0.070 @ f/2.5 B/W: 0 with IR	Color: 0.038 @ f/1.4 B/W: 0 with IR	Color: 0.053 @ f/2.5 B/W: 0 with IR
Lens	2.8 mm, 3.6 mm, 6 mm, 8 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm to 12 mm motorized vari-focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm to 12 mm, motorized vari-focal lens	Fixed, 3.6 mm @ f/2.5 (2.8 mm, 6 mm option)	Fixed, 3.6 mm @ f/2.5 (6 mm option)	2.8 -12 mm, motorized lens	Fixed, 2.8 mm, 3.6 mm and 6 mm
Horizontal Angle of View	103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm), 38° (8 mm)	103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm), 38° (8 mm), 24.4° (12 mm)	82.6° (3.6 mm), 54.4° (6 mm), 38° (8 mm), 24.4° (12 mm)	32.1° to 103°	103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm)	103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm)	32.1° to 98°	84° (2.8 mm), 67.8° (3.6 mm), 44.6° (6 mm)	67.8° (3.6 mm), 44.6° (6 mm)	26.8° to 83°	86.5° (2.8 mm), 70.1° (3.6 mm), 46° (6 mm)
Pan/Tilt/Rotation	0° to 360°/ 0° to 180°/0° to 360°	0° to 360°/ 0° to 180°/0° to 360°	0° to 360°/ 0° to 180°/0° to 360°	0° to 360°/ 0° to 90°/0° to 360°	0° to 360°/ 0° to 180°/0° to 360°	0° to 360°/ 0° to 180°/0° to 360°	0° to 360°/ 0° to 90°/0° to 360°	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB
IR Range Max. (meters)	20	40	80	40	40	80	40	20	80	40	20
Vertical Synchronization	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal
OSD Menu via Up-the-Coax (UTC)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ratings	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP67, UL/cUL Listed
Operating Temperature Range	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)
Power Requirements (max.)	12V DC ±25%, 3.6W	12V DC ±25%, 3.6W	12V DC ±25%, 5.8W	12V DC ±25%, 24 VAC ±25%, 9W	12V DC ±30%/PoC. af, 4W	12V DC ±30%/PoC. at, 5.5W	24 V AC/12V DC ±30%/PoC.at, 7.5W	12V DC, 5 W	12V DC, 5 W	12V DC, 6W 24 VAC, 9W	12V DC +/-30%, 5 W

OUTDOOR BULLET

OUTDOOR TURRET

	DS-2CE16H1T-IT3	DS-2CE16H1T-IT5	DS-2CE16H1T-AIT3Z	DS-2CE16H5T-ITE	DS-2CE16H5T-IT3E	DS-2CE16H5T-IT5E	DS-2CE56C2T-IRM	DS-2CE56C5T-IT1	DS-2CE56C5T-VFIT3	DS-2CE56D1T-IRM*
Model										
	EXIR 5 MP	EXIR 5 MP	EXIR 5 MP	EXIR 5 MP	EXIR 5 MP	EXIR 5 MP	720p	EXIR 720p	EXIR 720p	*Black model available DS-2CE56D1T-IRM6 1080p
TurboHD Platform	4.0	4.0	4.0	4.0	4.0	4.0	1.0	1.0	1.0	1.0
Video Out	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI/CVBS (selectable)	HD-TVI/CVBS (selectable)	HD-TVI
Image Sensor	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/2.5" progressive scan CMOS	1/2.5" progressive scan CMOS	1/2.5" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/2.7" progressive scan CMOS
HD-TVI Resolution	2592 (H) x1944 (V)	2592 (H) x1944 (V)	2592 (H) x1944 (V)	2560 (H) x 1944 (V)	2560 (H) x 1944 (V)	2560 (H) x 1944 (V)	1280x720	1280x720	1280x720	1920x1080
CVBS Resolution	---	---	---	---	---	---	---	720TVL	720TVL	---
Min. Illumination (Lux)	Color: 0.053 @ f/2.5 B/W: 0 with IR	Color: 0.053 @ f/2.5 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.008 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.008 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.008 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.043 @ f/2.5 B/W: 0 with IR	Color: 0.043 @ f/2.5 B/W: 0 with IR	Color: 0.0014 @ f/1.4 B/W: 0 with IR	Color: 0.034 @ f/2.5 B/W: 0 with IR
Lens	Fixed, 2.8 mm, 3.6 mm, 6 mm, 12 mm	Fixed, 3.6 mm, 6 mm, 12 mm	2.8-12 mm motorized lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	Fixed, 3.6 mm @ f/2.5 (2.8 mm, 6 mm option)	Fixed, 3.6 mm @ f/2.5 (2.8 mm, 6 mm, 8 mm option)	2.8 to 12 mm @ f/1.4, manual	Fixed, 3.6 mm @ f/2.5 (2.8 mm, 6 mm option)
Horizontal Angle of View	86.5° (2.8 mm), 70.1° (3.6 mm), 46° (6 mm), 20.9° (12 mm)	70.1° (3.6 mm), 46° (6 mm), 20.9° (12 mm)	27.7° to 86.8° (2.8 to 12 mm)	91° (2.8 mm), 70° (3.6 mm), 45° (6 mm)	91° (2.8 mm), 70° (3.6 mm), 45° (6 mm), 41° (8 mm), 26° (12 mm)	70° (3.6 mm), 45° (6 mm), 41° (8 mm), 26° (12 mm)	76.88° (3.6 mm), 99.73° (2.8 mm), 50.1° (6 mm)	71.43° (3.6 mm), 92.45° (2.8 mm), 46.9° (6 mm), 34.5° (8 mm)	78° to 28°	105° (2.8 mm), 84.3° (3.6 mm), 55.4° (6 mm)
Pan/Tilt/Rotation	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning	0° to 360°/ 0° to 180°/0° to 360°	0° to 360°/ 0° to 180°/0° to 360°	0° to 360°/ 0° to 180°/0° to 360°	0° to 355°/ 0° to 75°/ 0° to 355°	0° to 355°/ 0° to 75°/ 0° to 355°	0° to 355°/ 0° to 75°/ 0° to 355°	0° to 355°/ 0° to 75°/ 0° to 355°
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/No/No	TRUE/No/Digital	TRUE/No/Digital	TRUE/Yes/No
IR Range Max. (meters)	40	80	40	20	40	80	20	20	50	20
Vertical Synchronization	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal
OSD Menu via Up-the-Coax (UTC)	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Ratings	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed
Operating Temperature Range	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-40° C to 60° C (-40° F to 140° F)
Power Requirements (max.)	12V DC +/-30%, 5 W	12V DC +/-30%, 5 W	12V DC +/-30%, 5 W; -A 24VAC +/-20%, 9 W	12V DC ±25%/PoC.af, 4.5 W	12V DC ±25%/PoC.af, 4.5 W	12V DC ±25%, PoC.at, 6.5 W	12V DC, 3.5 W	12V DC, 3 W	12V DC, 6 W	12V DC, 3 W








OUTDOOR TURRET

	DS-2CE56D1T-IT1	DS-2CE56D5T-IT3*	DS-2CE56D5T-VFIT3	DS-2CE56D5T-IR3Z	DS-2CE56D7T-ITM	DS-2CE56D7T-IT3	DS-2CE56D7T-IT3Z	DS-2CE56D8T-ITM*	DS-2CE56D8T-IT3	DS-2CE56D8T-IT3Z
Model	 EXIR (1080p)	 EXIR *Black model available DS-2CE56D5T-IT3B (1080p)	 EXIR (1080p)	 (1080p)	 EXIR (1080p)	 EXIR (1080p)	 EXIR (1080p)	 EXIR *Black model available DS-2CE56D8T-ITMB (1080p)	 EXIR (1080p)	 EXIR (1080p)
TurboHD Platform	1.0	1.0	1.0	1.0	3.0	3.0	3.0	4.0	4.0	4.0
Video Out	HD-TVI	HDTV/CVBS (Dual)	HD-TVI/CVBS (Dual)	HD-TVI/CVBS (Dual)	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI
Image Sensor	1/2.7" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/2.7" progressive scan CMOS	1/2.7" progressive scan CMOS	1/2.7" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS
HD-TVI Resolution	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080	1920 (H) x 1080 (V)	1920 (H) x 1080 (V)	1920 (H) x 1080 (V)
CVBS Resolution	---	600TVL	600TVL	600TVL	---	---	---	---	---	---
Min. Illumination (lux)	Color: 0.034 @ f/2.5 B/W: 0 with IR	Color: 0.043 @ f/2.5 B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.053 @ f/2.5 B/W: 0 with IR	Color: 0.053 @ f/2.5 B/W: 0 with IR	Color: 0.03 @ f/1.4 B/W: 0 with IR	Color: 0.005 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.005 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.005 Lux @ f/1.2, AGC ON, 0 Lux with IR
Lens	Fixed, 3.6 mm @ f/2.5 (2.8 mm, 6 mm option)	Fixed, 3.6 mm @ f/2.5 (2.8 mm, 6 mm, 12 mm, option)	2.8 to 12 mm @ f/1.4, manual	2.8 to 12 mm @ f/1.4, motorized	Fixed, 3.6 mm @ f/2.5 (2.8 mm option)	Fixed, 2.8 mm @ f/2.5 (3.6 mm, 6 mm option)	2.8 - 12 mm, motorized lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 12 mm fixed focal lens	2.8 mm to 12 mm motorized vari-focal lens
Horizontal Angle of View	105° (2.8 mm), 84.3° (3.6 mm), 55.4° (6 mm)	80° (3.6 mm), 103.5° (2.8 mm), 54.3° (6 mm), 24.3° (12 mm)	92° to 32°	103° to 32.1°	103° (2.8 mm), 82.2° (3.6 mm)	103° (2.8 mm), 82.2° (3.6 mm), 54° (6 mm)	100° to 35.1°	103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm)	103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm), 38° (8 mm), 24.4° (12 mm)	32.1° to 103°
Pan/Tilt/Rotation	0° to 360°/ 0° to 75°/ 0° to 360°	0° to 360°/ 0° to 75°/ 0° to 360°	0° to 355°/ 0° to 75°/ 0° to 355°	0° to 360°/ 0° to 75°/ 0° to 360°	0° to 360°/ 0° to 75°/0° to 360°	0° to 360°/ 0° to 75°/0° to 360°	0° to 360°/ 0° to 75°/0° to 360°	0° to 360°/ 0° to 75°/0° to 360°	0° to 360°/ 0° to 75°/0° to 360°	0° to 360°/ 0° to 75°/0° to 360°
Day/Night/BLC/WDR	TRUE/Yes/No	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB
IR Range Max. (meters)	20	40	50	40	20	40	40	20	40	40
Vertical Synchronization	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal
OSD Menu via Up-the-Coax (UTC)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ratings	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed
Operating Temperature Range	-40° C to 60° C (-40° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)
Power Requirements (max.)	12V DC ±15%, 4 W	12V DC, 5 W	12V DC, 7 W	12V DC ±15%, 4 W	12V DC, 5 W	12V DC, 5 W	12V DC, 6 W	12V DC ±25%,3.6W	12V DC ±25%,3.6W	12V DC ±25%,7.5W



OUTDOOR TURRET





Model	 EXIR (1080p)	 EXIR (3 MP)	 EXIR (3 MP)	 EXIR (3 MP)	 EXIR *Black model available DS-2CE56H1T-ITMB (5 MP)	 EXIR (5 MP)	 EXIR (5 MP)	 EXIR (5 MP)	 EXIR *Black model available DS-2CE56H5T-IT3ZEB (5 MP)	 EXIR *Black model available DS-2CE56H5T-ITMEB (5 MP)
TurboHD Platform	4.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0
Video Out	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI
Image Sensor	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/2.5" progressive scan CMOS	1/2.5" progressive scan CMOS	1/2.5" progressive scan CMOS
HD-TVI Resolution	1920 (H) × 1080 (V)	1920x1536	1920x1536	1920x1536	2592 (H) x1944 (V)	2592 (H) x1944 (V)	2592 (H) x1944 (V)	2560 (H) × 1944 (V)	2560 (H) × 1944 (V)	2560 (H) × 1944 (V)
CVBS Resolution	720*576	---	---	---	---	---	---	---	---	---
Min. Illumination (lux)	0.003 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.070 @ f/2.5 B/W: 0 with IR	Color: 0.070 @ f/2.5 B/W: 0 with IR	Color: 0.038 @ f/1.4 B/W: 0 with IR	Color: 0.053 @ f/2.5 B/W: 0 with IR	Color: 0.053 @ f/2.5 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.008 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.008 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.008 Lux @ f/1.2, AGC ON, 0 Lux with IR
Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	Fixed, 3.6 mm @ f/2.5 (2.8 mm option)	Fixed, 3.6 mm @ f/2.5 (2.8 mm, 6 mm option)	2.8 -12 mm, motorized lens	Fixed, 2.8 mm, 3.6 mm and 6 mm	Fixed, 2.8 mm, 3.6 mm, 6 mm, 12 mm	2.8 -12 mm motorized lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm to 12 mm motorized vari-focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal Lens
Horizontal Angle of View	103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm)	84° (2.8 mm), 67.8° (3.6 mm)	84° (2.8 mm), 67.8° (3.6 mm), 44.6 (6 mm)	26.8° to 83°	86.5° (2.8 mm), 70.1° (3.6 mm), 46° (6 mm)	86.5° (2.8 mm), 70.1° (3.6 mm), 46° (6 mm), 20.9° (12 mm)	27.7° to 86.8° (2.8 to 12 mm)	91° (2.8 mm), 70° (3.6 mm), 45° (6 mm), 41° (8 mm), 26° (12 mm)	94° to 32°	91° (2.8 mm), 70° (3.6 mm), 45° (6 mm)
Pan/Tilt/Rotation	0° to 360° / 0° to 75°/0° to 360°	0° to 360° / 0° to 75°/0° to 360°	0° to 360° / 0° to 75°/0° to 360°	0° to 360° / 0° to 75°/0° to 360°	0° to 360° / 0° to 75° / 0° to 360°	0° to 360° / 0° to 75° / 0° to 360°	0° to 360° / 0° to 75° / 0° to 360°	0° to 360° / 0° to 75°/0° to 360°	0° to 360° / 0° to 75°/0° to 360°	0° to 360° / 0° to 75°/0° to 360°
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/Digital
IR Range Max. (meters)	40	20	40	40	20	40	40	40	40	20
Vertical Synchronization	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal
OSD Menu via Up-the-Coax (UTC)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ratings	IP67, IK10, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed
Operating Temperature Range	-40° C to 60° C (-40 ° F to 140° F)	-40° C to 60° C (-40 ° F to 140° F)	-40° C to 60° C (-40 ° F to 140° F)	-40° C to 60° C (-40 ° F to 140° F)	-40° C to 60° C (-40 ° F to 140° F)	-40° C to 60° C (-40 ° F to 140° F)	-40° C to 60° C (-40 ° F to 140° F)	-40° C to 60° C (-40 ° F to 140° F)	-40° C to 60° C (-40 ° F to 140° F)	-40° C to 60° C (-40 ° F to 140° F)
Power Requirements (max.)	12V DC ±30%/PoC.af,4W	12V DC, 5 W	12V DC, 5 W	12V DC, 6W	12V DC +/-30%, 5 W	12V DC +/-30%, 6 W	12V DC +/-30%, 5 W	12V DC ±25%/PoC.af, 4.5 W	12V DC ±25%/PoC.at, 8 W	12V DC ±25%/PoC.af,4.5W

	OUTDOOR TURRET	OUTDOOR DOME	OUTDOOR DOME	OUTDOOR DOME	OUTDOOR BOX	OUTDOOR BULLET	OUTDOOR BULLET	OUTDOOR BULLET
	DS-2CE79U8T-IT3Z	DS-2CE78U8T-IT3	DS-2CE59U8T-(A)VPIT3Z	DS-2CE57U8T-VPIT	DS-2CE37U8T-A	DS-2CE19U8T-(A)IT3Z	DS-2CE18U8T-IT3	DS-2CE17U8T-IT
Model	 NEW EXIR 8 MP	 NEW EXIR 8 MP	 NEW EXIR 8 MP	 NEW EXIR 8 MP	 NEW EXIR 8 MP	 NEW EXIR 8 MP	 NEW EXIR 8 MP	 NEW EXIR 8 MP
TurboHD Platform	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Video Out	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI
Image Sensor	---	---	---	---	---	---	---	---
HD-TVI Resolution	3840 (H) x 2160 (V)	3840 (H) x 2160 (V)	3840 (H) x 2160 (V)	3840 (H) x 2160 (V)	3840 (H) x 2160 (V)	3840 (H) x 2160 (V)	3840 (H) x 2160 (V)	3840 (H) x 2160 (V)
CVBS Resolution	720*576	720*576	720*576	720*576	720*576	720*576	720*576	720*576
Min. Illumination (lux)	Color: 0.003 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.003 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.003 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.003 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.003 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.003 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.003 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.003 Lux @ f/1.2, AGC ON, 0 Lux with IR
Lens	2.8 mm to 12 mm motorized vari-focal lens	Fixed, 2.8 mm, 3.6 mm and 6 mm	2.8 mm to 12 mm motorized vari-focal lens	Fixed, 2.8 mm, 3.6 mm and 6 mm	C/CS mount	2.8 mm to 12 mm motorized vari-focal lens	Fixed, 2.8 mm, 3.6 mm and 6 mm	Fixed, 2.8 mm, 3.6 mm and 6 mm
Horizontal Angle of View	108.1° to 45.6°	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	108.1° to 45.6°	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	Dependent on lens	108.1° to 45.6°	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)
Pan/Tilt/Rotation	0° to 360°/ 0° to 75°/0° to 360°	0° to 360°/ 0° to 75°/0° to 360°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	---	0° to 360°/ 0° to 90°/0° to 360°	0° to 360°/ 0° to 180°/0° to 360°	0° to 360°/ 0° to 180°/0° to 360°
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB
IR Range Max. (meters)	80	60	60	40	---	80	60	40
Vertical Synchronization	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal
OSD Menu via Up-the-Coax (UTC)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ratings	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed
Operating Temperature Range	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)
Power Requirements (max.)	12V DC ±25%, 14W	12V DC ±25%, 4.8W	12V DC ±25%, 9W -A: 12V DC ±25%, 24 VDC ±25%, 10.5W	12V DC ±25%, 4.8W	12V DC ±25%, 24 VAC ±25%, 10W	12V DC ±25%, 11.5W -A: 12V DC ±25%, 24 VAC ±25%, 14.5W	12V DC ±25%, 4.8W	12V DC ±25%, 4.8W







OUTDOOR TURRET

INDOOR CUBE







OUTDOOR BULLET

	DS-2CE71D8T-PIRL  EXIR 2 MP NEW	DS-2CE38D8T-PIR  EXIR 2 MP NEW	DS-2CE11D8T-PIRL  EXIR 2 MP NEW	DS-2CE12D8T-PIRL  EXIR 2 MP NEW	DS-2CE16D0T-WL5  2 MP NEW	DS-2CE16D0T-WL3  2 MP NEW
Model						
TurboHD Platform	4.0	4.0	4.0	4.0	4.0	4.0
Video Out	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI	HD-TVI
Image Sensor	---	---	---	---	---	---
HD-TVI Resolution	1920 (H) × 1080 (V)	1920 (H) × 1080 (V)	1920 (H) × 1080 (V)	1920 (H) × 1080 (V)	1920x1080	1920x1080
CVBS Resolution	---	---	---	---	-	-
Min. Illumination (lux)	Color: 0.005 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.005 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.005 Lux @ f/1.2, AGC ON, 0 Lux with IR	Color: 0.005 Lux @ f/1.2, AGC ON, 0 Lux with IR	0.01 Lux @ f/1.2, AGC ON	0.01 Lux @ f/1.2, AGC ON
Lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	3.6 mm (6 mm optional)	3.6 mm (6 mm optional)
Horizontal Angle of View	103.5° (2.8 mm), 82.6° (3.6 mm)	103.5° (2.8 mm), 82.6° (3.6 mm)	103.5° (2.8 mm), 82.6° (3.6 mm)	103.5° (2.8 mm), 82.6° (3.6 mm)	82° (3.6 mm), 54° (6 mm)	82° (3.6 mm), 54° (6 mm)
Pan/Tilt/Rotation	0° to 360°/ 0° to 75°/0° to 360°	---	---	---	0° to 360°/0° to 90°/---	0° to 360°/0° to 90°/---
Day/Night/BLC/WDR	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	TRUE/Yes/120 dB	Color/---	Color/---
IR Range Max. (meters)	20	20	20	20	White Light Distance Up to 50 m	White Light Distance Up to 30 m
Vertical Synchronization	Internal	Internal	Internal	Internal	Internal	Internal
OSD Menu via Up-the-Coax (UTC)	Yes	Yes	Yes	Yes	Yes	Yes
Ratings	IP67, UL/cUL Listed	UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed
Operating Temperature Range	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	-40° C to 60° C (-40° F to 140° F)
Power Requirements (max.)	12V DC ±25%, 4.5W	12V DC ±25%, 5W	12V DC ±25%, 4.5W	12V DC ±25%, 4.5W	12 V DC ±10%, 4.5W	12 V DC ±10%, 3W



	INDOOR	OUTDOOR	INDOOR	OUTDOOR		OUTDOOR IR	
	DS-2AE4223T-A3	DS-2AE4223T-A	DS-2AE5230T-A3	DS-2AE5123T-A	DS-2AE5230T-A	DS-2AE5123TI-A	DS-2AE7230TI-A
Model	 1080p	 1080p	 1080p	 720p	 1080p	 720p	 1080p
Video Out	HD-TVI/CVBS, UTC menu	HD-TVI/CVBS, UTC menu	HD-TVI/CVBS, UTC menu	HD-TVI/CVBS, UTC menu	HD-TVI/CVBS, UTC menu	HD-TVI/CVBS, UTC menu	HD-TVI/CVBS, UTC menu
Image Sensor	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/2.8" progressive scan CMOS	1/3" progressive scan CMOS	1/2.8" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS
Min. Illumination (lux)	Color: 0.05 @ f/1.6 B/W: 0.01 @ f/1.6	Color: 0.05 @ f/1.6 B/W: 0.01 @ f/1.6	Color: 0.02 @ f/1.6 B/W: 0.002 @ f/1.6	Color: 0.02 @ f/1.6 B/W: 0.002 @ f/1.6	Color: 0.02 @ f/1.6 B/W: 0.002 @ f/1.6	Color: 0.05 @ f/1.4 B/W: 0.005 @ f/1.4, 0 with IR	Color: 0.05 @ f/1.6, AGC ON, B/W: 0.005 @ f/1.6, AGC ON, 0 with IR
HD-TVI Resolution	1920x1080	1920x1080	1920x1080	1280x720	1920x1080	1280x720	1920x1080
CVBS Resolution	600TVL	600TVL	600TVL	600TVL	600TVL	600TVL	600TVL
Lens	4 to 92 mm, motorized zoom, autofocus	4 to 92 mm, motorized zoom, autofocus	4 to 120 mm, motorized zoom, autofocus	4 to 92 mm, motorized zoom, autofocus	4 to 120 mm, motorized zoom, autofocus	4 to 92 mm, motorized zoom, autofocus	4 to 120 mm, motorized zoom, autofocus
Horizontal Angle of View	49° to 2.2°	49° to 2.2°	58° to 1.7°	49° to 2.2°	58° to 1.7°	49° to 2.2°	58° to 1.7°
Optical Zoom	23x	23x	30x	23x	30x	23x	30x
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	0° to 90° (auto flip)	0° to 90° (auto flip)	-5° to 90° (auto flip)	-5° to 90° (auto flip)	-5° to 90° (auto flip)	-15° to 90° (auto flip)	-15° to 90° (auto flip)
Pan & Tilt Speed (Manual)	Pan: 0.1° to 160°/sec. Tilt: 0.1° to 120°/sec.	Pan: 0.1° to 160°/sec. Tilt: 0.1° to 120°/sec.	Pan: 0.1° to 250°/sec. Tilt: 0.1° to 150°/sec.	Pan: 0.1° to 250°/sec. Tilt: 0.1° to 150°/sec.	Pan: 0.1° to 250°/sec. Tilt: 0.1° to 150°/sec.	Pan: 0.1° to 400°/sec. Tilt: 0.1° to 120°/sec.	Pan: 0.1° to 160°/sec. Tilt: 0.1° to 120°/sec.
Pan & Tilt Speed (Preset)	Pan: 160°/sec. Tilt: 120°/sec.	Pan: 160°/sec. Tilt: 120°/sec.	Pan: 300°/sec. Tilt: 200°/sec.	Pan: 300°/sec. Tilt: 200°/sec.	Pan: 300°/sec. Tilt: 200°/sec.	Pan: 400°/sec. Tilt: 200°/sec.	Pan: 240°/sec. Tilt: 200°/sec.
Day/Night/BLC/WDR	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/No/Digital
IR Range Max. (meters)	---	---	---	---	---	150	120
Presets/Tours/Patterns	256/8/4	256/8/4	256/8/4	256/8/4	256/8/4	256/8/4	256/8/4
Up-the Coax Control	Hikvision-C	Hikvision-C	Hikvision-C	Hikvision-C	Hikvision-C	Hikvision-C	Hikvision-C
RS485 Control	Hikvision, Pelco D/P	Hikvision, Pelco D/P	Hikvision, Pelco D/P	Hikvision, Pelco D/P	Hikvision, Pelco D/P	Hikvision, Pelco D/P	Hikvision, Pelco D/P
Ratings	UL/cUL Listed	IP66, UL/cUL Listed	UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed
Operating Temperature Range	-10° C to 50° C (14° F to 122° F)	-30° C to 65° C (-22° F to 149° F)	-10° C to 50° C (14° F to 122° F)	-30° C to 65° C (-22° F to 149° F)	-30° C to 65° C (-22° F to 149° F)	-30° C to 65° C (-22° F to 149° F)	-30° C to 65° C (-22° F to 149° F)
Power Requirements (max.)	24 VAC, 12 W	24 VAC, 18 W/12 W (heater on/off)	24 VAC, 12 W	24 VAC, 20 W/12 W (heater on/off)	24 VAC, 20 W/12 W (heater on/off)	24 VAC, 30 W	24 VAC, 40 W






TurboHD™ 4.0 TRIBRID DVR - VALUE SERIES

	DS-7204HQI-K1	DS-7204HQI-K1/P (PoC)	DS-7208HQI-K2	DS-7208HQI-K2/P (PoC)	DS-7216HQI-K2	DS-7216HQI-K2/P (PoC)	DS-7204HUI-K1	DS-7204HUI-K1/P (PoC)	DS-7208HUI-K2	DS-7208HUI-K2/P (PoC)	DS-7216HUI-K2	DS-7216HUI-K2/P (PoC)
Model												
Max. Recording Resolution	2 MP		2 MP		2 MP		5 MP		5 MP		5 MP	
Video Compression	H.265+/H.265/H.264+/H.264		H.265+/H.265/H.264+/H.264		H.265+/H.265/H.264+/H.264		H.265+/H.265/H.264+/H.264		H.265+/H.265/H.264+/H.264		H.265+/H.265/H.264+/H.264	
HDMI/VGA Output	1920x1080/1920x1080, synchronous output		1920x1080/1920x1080, synchronous output		3480x2160/1920x1080/1920x1080, synchronous output		1920x1080/1920x1080		3480x2160/1920x1080		3480x2160/1920x1080	
Spot Monitor Output (BNC)	---		---		---		Yes		Yes		Yes	
Analog Input	4-Ch 1.0 Vp-p, 75 Ω		8-Ch 1.0 Vp-p, 75 Ω		16-Ch 1.0 Vp-p, 75 Ω		4-Ch 1.0 Vp-p, 75 Ω		8-Ch 1.0 Vp-p, 75 Ω		16-Ch 1.0 Vp-p, 75 Ω	
Video Standard	HD-TVI/CVBS (auto-detect)		HD-TVI/CVBS (auto-detect)		HD-TVI/CVBS (auto-detect)		HD-TVI/CVBS (auto-detect)		HD-TVI/CVBS (auto-detect)		HD-TVI/CVBS (auto-detect)	
Audio Input/Output	---		---		---		4-ch/1-ch		4-ch/1-ch		4-ch/1-ch	
Alarm Input/Output	4 /1		8/4		16/4		4/1		8/4		16/4	
USB 2.0	2		2		1 USB 2.0 + 1 USB 3.0		2		Front panel: 1 × USB 2.0 Rear panel: 1 × USB 3.0		Front panel: 1 × USB 2.0 Rear panel: 1 × USB 3.0	
RAID Support	---		---		---		---		---		---	
Internal SATA	1 (up to 8 TB each)		2 (up to 8 TB each)		2 (up to 8 TB each)		1 (up to 8 TB each)		2 (up to 8 TB each)		2 (up to 8 TB each)	
Max. Internal Storage	8 TB		16 TB		16 TB		8 TB		16 TB		16 TB	
Support DVD-RW	---		---		---		---		---		---	
Max. fps 720p/1080p/3 MP HD-TVI	30/15/15		30/15/15		30/15/15		30/30/18/15/12		30/30/18/15/12		30/30/18/15/12	
Max. Analog (CVBS) Resolution	WD1 (960H)		WD1 (960H)		WD1 (960H)		WD1 (960H)		WD1 (960H)		WD1 (960H)	
Disable Turbo/CVBS Channel/ Add IPC	---		---		---		---		---		---	
Hikvision IP Camera Support	1 up to 4 MP		2 up to 4 MP		2 up to 4 MP		2 up to 6MP		2 up to 6MP		2 up to 6MP	
Front Panel Control	---		---		---		No		No		No	
OSD Menu-Up-the-Coax	Yes		Yes		Yes		Yes		Yes		Yes	
eSATA Interface	---		---		---		---		---		---	
Turbo Channel VCA (Video Content Analysis)⁶	Up to 1 channel support		Up to 1 channel support		Up to 1 channel support		all channels(conflict with 5/4MP or 2K/4K output)		all channels(conflict with 5/4MP or 2K/4K output)		all channels	
Smart Play	Yes		Yes		Yes		Yes		Yes		Yes	
Max. Incoming/Outgoing Bandwidth (Mbps)	72		96		128		96		128		128	
Max. Network Streams	128		128		128		128		128		128	
User Names	32		32		32		32		32		32	
Remote User Logins	128		128		128		128		128		128	
Ratings	UL/cUL Listed		UL/cUL Listed		UL/cUL Listed		UL/cUL Listed		UL/cUL Listed		UL/cUL Listed	
Rack Units	1		1		1		Standalone 1U		1		1	
Power Requirements	12V DC, ≤6 W without HDD	48V DC, ≤40 W without HDD	12V DC, ≤7.5 W without HDD	48V DC, ≤60 W without HDD	12V DC, ≤25 W without HDD	48V DC, ≤120 W without HDD	12V DC, ≤10 W without HDD	48V DC, ≤40 W without HDD	12V DC, ≤20 W without HDD	48V DC, ≤60 W without HDD	12V DC, ≤25 W without HDD	48V DC, ≤120 W without HDD

Standards: Complies with ONVIF (Profile S), CGI ASAPI. Contact factory for details.; Command Protocols: Hikvision and Pelco D/P protocols
⁶Tribrid Smart Suite: Line Crossing, Intrusion Detection. Turbo channels; VCA supported from Hikvision IP cameras.



TurboHD™ 4.0 TRIBRID DVR - VALUE SERIES

	DS-7204HTI-K1	DS-7208HTI-K2	DS-7308HQI-K4	DS-7316HQI-K4	DS-7332HQI-K4
Model	 NEW	 NEW			
Max. Recording Resolution	8 MP	8 MP	3 MP	3 MP	3 MP
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
HDMI/VGA Output	1920x1080/1920x1080	3480x2160/1920x1080	3480x2160/1920x1080	3480x2160/1920x1080	1920 x 1080, VGA1&HDMI1 3840 x 2160, HDMI2
Spot Monitor Output (BNC)	Yes	Yes	Yes	Yes	Yes
Analog Input	4-Ch 1.0 Vp-p, 75 Ω	8-Ch 1.0 Vp-p, 75 Ω	8-Ch 1.0 Vp-p 75 Ω	16-Ch 1.0 Vp-p 75 Ω	32-Ch 1.0 Vp-p 75 Ω
Video Standard	HD-TVI/CVBS (auto-detect)	HD-TVI/CVBS (auto-detect)	HD-TVI/CVBS (auto-detect)	HD-TVI/CVBS (auto-detect)	HD-TVI/CVBS (auto-detect)
Audio Input/Output	4-ch/1-ch	4-ch/1-ch	4/2	4/2	4/1
Alarm Input/Output	4/1	8/4	16/4	16/4	16/4
USB 2.0	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0
RAID Support	---	---	---	---	---
Internal SATA	1 (up to 8 TB each)	2 (up to 8 TB each)	4 (up to 8 TB each)	4 (up to 8 TB each)	4 (up to 8 TB each)
Max. Internal Storage	8 TB	16 TB	32 TB	32 TB	32 TB
Support DVD-RW	---	---	Yes, replaces 2x SATA	Yes, replaces 2x SATA	Yes, replaces 2x SATA
Max. fps 720p/1080p/3 MP HD-TVI	30/30/30/18/20/10	30/30/30/18/20/10	30/15/15	30/15/15	30/15/15
Max. Analog (CVBS) Resolution	WD1 (960H)	WD1 (960H)	WD1 (960H)	WD1 (960H)	WD1 (960H)
Disable Turbo/CVBS Channel/ Add IPC	-	-	Yes	Yes	Yes
Hikvision IP Camera Support	2-ch up to 8 MP	2-ch up to 8 MP	2-ch up to 4 MP (up to 10-ch if disable HD-TVI channels)	2-ch up to 4 MP (up to 18-ch if disable HD-TVI channels)	8-ch up to 4 MP (up to 40-ch if disable HD-TVI channels)
Front Panel Control	No	No	Yes	Yes	Yes
OSD Menu-Up-the-Coax	Yes	Yes	Yes	Yes	Yes
eSATA Interface	---	---	Yes	Yes	Yes
Turbo Channel VCA (Video Content Analysis)⁶	all channels	all channels	2-ch (up to 4-ch conflict with 3MP or 2K/4K output)	2-ch (up to 4-ch conflict with 3MP or 2K/4K output)	2-ch (up to 4-ch conflict with 3MP or 2K/4K output)
Smart Play	Yes	Yes	Yes	Yes	Yes
Max. Incoming/Outgoing Bandwidth (Mbps)	96	128	120	120	160
Max. Network Streams	128	128	128	128	128
User Names	32	32	32	32	32
Remote User Logins	128	128	128	128	128
Ratings	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
Rack Units	Standalone 1U	1	1.5	1.5	1.5
Power Requirements	12V DC, ≤15 W without HDD	12V DC, ≤15 W without HDD	100 to 240 VAC, ≤40 W without HDD	100 to 240 VAC, ≤55 W without HDD	100 to 240 VAC, ≤200 without HDD

Standards: Complies with ONVIF (Profile S), CGI ASAPI. Contact factory for details.; Command Protocols: Hikvision and Pelco D/P protocols
⁶Tribrid Smart Suite: Line Crossing, Intrusion Detection. Turbo channels; VCA supported from Hikvision IP cameras.

TurboHD™ 4.0 TRIBRID DVR - VALUE SERIES


TurboHD™ 4.0 TRIBRID DVR - PRO SERIES

	DS-7308HUI-K4	DS-7316HUI-K4	DS-7332HUI-K4	DS-9008HUI-K8	DS-9016HUI-K8
Model					
Max. Recording Resolution	5 MP	5 MP	5 MP	5 MP	5 MP
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
HDMI/VGA Output	1920 × 1080, VGA1&HDMI1 3840 × 2160, HDMI2	1920 × 1080, VGA1&HDMI1 3840 × 2160, HDMI2	1920 × 1080, VGA1&HDMI1 3840 × 2160, HDMI2	1920 × 1080, VGA1&HDMI1 3840 × 2160, HDMI2	1920 × 1080, VGA1&HDMI1 3840 × 2160, HDMI2
Spot Monitor Output (BNC)	Yes	Yes	Yes	Yes	Yes
Analog Input	8-Ch 1.0 Vp-p 75 Ω	16-Ch 1.0 Vp-p 75 Ω	32-Ch 1.0 Vp-p 75 Ω	8-Ch 1.0 Vp-p 75 Ω	16-Ch 1.0 Vp-p 75 Ω
Video Standard	HD-TVI/CVBS (auto-detect)	HD-TVI/CVBS (auto-detect)	HD-TVI/CVBS (auto-detect)	HD-TVI/CVBS (auto-detect)	HD-TVI/CVBS (auto-detect)
Audio Input/Output	4/2	4/2	4/1	8/2	16/2
Alarm Input/Output	16/4	16/4	16/4	16/4	16/4
USB 2.0	Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0 R ear panel: 1 × USB 3.0
RAID Support	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
Internal SATA	4 (up to 8 TB each)	4 (up to 8 TB each)	4 (up to 8 TB each)	8 (up to 8 TB each)	8 (up to 8 TB each)
Max. Internal Storage	32TB	32TB	32TB	64TB	64TB
Support DVD-RW	Yes, replaces 2x SATA	Yes, replaces 2x SATA	Yes, replaces 2x SATA	Yes, replaces 4x SATA	Yes, replaces 4x SATA
Max. fps 720p/1080p/3 MP HD-TVI	30/30/18	30/30/18	30/30/18	30/30/18	30/30/18
Max. Analog (CVBS) Resolution	WD1 (960H)	WD1 (960H)	WD1 (960H)	WD1 (960H)	WD1 (960H)
Disable Turbo/CVBS Channel/ Add IPC	Yes	Yes	Yes	Yes	Yes
Hikvision IP Camera Support	2-ch up to 8 MP (up to 10-ch if disable HD-TVI channels)	2-ch up to 8 MP (up to 18-ch if disable HD-TVI channels)	8-ch up to 4 MP (up to 40-ch if disable HD-TVI channels)	10-ch up to 12 MP (up to 18-ch if disable HD-TVI channels)	18-ch up to 12 MP (up to 32-ch if disable HD-TVI channels)
Front Panel Control	Yes	Yes	Yes	Yes	Yes
OSD Menu-Up-the-Coax	Yes	Yes	Yes	Yes	Yes
eSATA Interface	Yes	Yes	Yes	Yes	Yes
Turbo Channel VCA (Video Content Analysis)*	all channels(conflict with 5/4MP or 2K/4K output)	all channels(conflict with 5/4MP or 2K/4K output)	all channels(conflict with 5/4MP or 2K/4K output)	all channels(conflict with 5/4MP or 2K/4K output)	all channels(conflict with 5/4MP or 2K/4K output)
Smart Play	Yes	Yes	Yes	Yes	Yes
Max. Incoming/Outgoing Bandwidth (Mbps)	200	260	260	260	320
Max. Network Streams	128	128	128	128	128
User Names	32	32	32	32	32
Remote User Logins	128	128	128	128	128
Ratings	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
Rack Units	1.5	1.5	1.5	2	2
Power Requirements	100 to 240 VAC, ≤45 W without HDD	100 to 240 VAC, ≤65 W without HDD	100 to 240 VAC, ≤200W without HDD	100 to 240 VAC, ≤45 W without HDD	100 to 240 VAC, ≤65 W without HDD

Standards: Complies with ONVIF (Profile S), CGI ASAPI. Contact factory for details.; Command Protocols: Hikvision and Pelco D/P protocols
*Turbo Smart Suite: Line Crossing, Intrusion Detection. Turbo channels; VCA supported from Hikvision IP cameras.



ENCODER

	DS-6701HWI	DS-6704HWI	DS-6708HWI	DS-6716HWI	DS-6708HQHI-SATA	DS-6716HQHI-SATA
Model						
Frame Rate (fps)	30	30	30	30	30	30
Multi-Streaming	Yes	Yes	Yes	Yes	Yes	Yes
Video Input	1-ch, BNC (1.0 Vp-p, 75 Ω)	4-ch, BNC (1.0 Vp-p, 75 Ω)	8-ch, BNC (1.0 Vp-p, 75 Ω)	16-ch, BNC (1.0 Vp-p, 75 Ω)	8-ch, BNC (1.0 Vp-p, 75 Ω)	16-ch, BNC (1.0 Vp-p, 75 Ω)
Video Output	H.264/MPEG4/MPEG2/MJPEG	H.264/MPEG4/MPEG2/MJPEG	H.264/MPEG4/MPEG2/MJPEG	H.264/MPEG4/MPEG2/MJPEG	H.264	H.264
Network Interface	1 RJ-45 10/100 Mbps Ethernet (PoE)	1 RJ-45 10/100 Mbps Ethernet (PoE)	1 RJ-45 10/100/1000 Mbps Ethernet	1 RJ-45 10/100/1000 Mbps Ethernet	1 RJ-45 10/100/1000 Mbps Ethernet	1 RJ-45 10/100/1000 Mbps Ethernet
Storage	---	---	---	---	2 SATA interfaces (up to 6 TB each)	2 SATA interfaces (up to 6 TB each)
Audio Input/Output	1 line in/1 line out	4 line in/1 line out	8 line in/1 line out	16 line in/1 line out	4 line in/1 line out	4 line in/1 line out
Voice Talk Input	1-ch	1-ch	1-ch	1-ch	---	---
Alarm Input/Output	1/1	4/2	8/4	16/4	8/4	16/4
RS-232	---	Yes	Yes	Yes	---	---
RS-485	Yes	Yes	Yes	Yes	Yes	Yes
Resolution In	WD1 (960H)/4CIF/2CIF/CIF/qCIF	WD1 (960H)/4CIF/2CIF/CIF/qCIF	WD1 (960H)/4CIF/2CIF/CIF/qCIF	WD1 (960H)/4CIF/2CIF/CIF/qCIF	720p/30, 720p/60, 1080p/30, CVBS	720p/30, 720p/60, 1080p/30, CVBS
Resolution Out	---	---	---	---	---	---
Ratings	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
Power Requirements	12V DC, ≤5 W	12V DC, ≤7 W	12V DC ≤10 W	12V DC ≤22 W	12V DC ≤30 W without HDD	12V DC ≤45 W without HDD

DECODER
ENCODER

	DS-6901UDI	DS-6904UDI	DS-6908UDI	DS-6916UDI	DS-6704HUHI-K	DS-6708HUHI-K	DS-6716HUHI-K
Model							
Frame Rate (fps)	Per video input	Per video input	Per video input	Per video input	30	30	30
Multi-Streaming	1 video output	4 video outputs	8 video outputs	16 video outputs	Yes	Yes	Yes
Video Input	H.265+/H.265, H.264+/H.264, MPEG4 and MJPEG	H.265+/H.265, H.264+/H.264, MPEG4 and MJPEG	H.265+/H.265, H.264+/H.264, MPEG4 and MJPEG	H.265+/H.265, H.264+/H.264, MPEG4 and MJPEG	4-ch, BNC (1.0 Vp-p, 75 Ω)	8-ch, BNC (1.0 Vp-p, 75 Ω)	16-ch, BNC (1.0 Vp-p, 75 Ω)
Video Output	1 HDMI, 1 VGA, 1 BNC	4 HDMI, 2 BNC (via DB-15 connector)	8 HDMI, 4 BNC (via DB-15 connector)	16 HDMI, 8 BNC (via DB-15 connector)	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Network Interface	1, 10/100/1000 Mbps self-adaptive Ethernet interface	2, 10/100/1000 Mbps self-adaptive management network interface 2, 10/100/1000 Mbps self-adaptive Ethernet interface 16, 10M/100Mbps self-adaptive Ethernet interface	2, 10/100/1000 Mbps self-adaptive management network interface 2, 10/100/1000 Mbps self-adaptive Ethernet interface 16, 10M/100Mbps self-adaptive Ethernet interface	2, 10/100/1000 Mbps self-adaptive management network interface 2, 10/100/1000 Mbps self-adaptive Ethernet interface 16, 10M/100 Mbps self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Storage	---	---	---	---	---	---	---
Audio Input/Output	0/1	0/4 (via DB-15 connector)	0/8 (via DB-15 connector)	0/16 (via DB-15 connector)	4/1	4/1	4/1
Voice Talk Input	1-ch	1-ch	1-ch	1-ch	1-ch	1-ch	1-ch
Alarm Input/Output	8/8	8/8	8/8	8/8	4/1	8/4	16/4
RS-232	Yes	Yes	Yes	Yes	---	---	---
RS-485	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Resolution In	---	---	---	---	5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25	5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25	5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25
Resolution Out	12 MP @ 20 fps: 2-ch 8 MP @ 30 fps: 4-ch 5 MP @ 30 fps: 6-ch 3 MP @ 30 fps: 10-ch 1080p @ 30 fps: 16-ch	12 MP @ 20 fps: 4-ch 8 MP @ 30 fps: 8-ch 5 MP @ 30 fps: 12-ch 3 MP @ 30 fps: 20-ch 1080p @ 30 fps: 32-ch	12 MP @ 20 fps: 8-ch 8 MP @ 30 fps: 16-ch 5 MP @ 30 fps: 24-ch 3 MP @ 30 fps: 40-ch 1080p @ 30 fps: 64-ch	12 MP @ 20 fps: 16-ch 8 MP @ 30 fps: 32-ch 5 MP @ 30 fps: 48-ch 3 MP @ 30 fps: 80-ch 1080p @ 30 fps/3 Mbps: 128-ch	---	---	---
Ratings	FCC Listed	FCC Listed	FCC Listed	FCC Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
Power Requirements	12V DC ≤15 W	100 to 240 VAC ≤70 W	100 to 240 VAC ≤70 W	100 to 240 VAC ≤ 108 W	12V DC ≤10 W	12V DC ≤20 W	12V DC ≤25 W

Standards: Complies with ONVIF (Profile S), CGI ASAPI contact for factory details: Command Protocols: Hikvision and Pelco D/P protocols





Fingerprint Terminal DS-K1T201MF-C

This standalone terminal is a control panel, card reader, keypad, and fingerprint scanner all in one. Generally installed at the door, it provides the convenience of short wires to the electric lock and an additional card reader, while the terminal itself is connected to IP via Ethernet cable or wirelessly via Wi-Fi. It is equipped with an on-screen menu which further simplifies the installation process.



ACCESS CONTROL SOLUTIONS

Hikvision is proud to introduce its access control system into the North American market after successful use in many other developed markets. It is complete with control panels and battery backup, standalone terminals, a wide variety of card and fingerprint readers, as well as its own bundled iVMS-4200 management software. The system is also integrated into existing Hikvision video surveillance solutions, completing Hikvision's product offerings as a versatile, full-service security system.

EM Card Reader DS-K1107 Series
This Mullion card reader is slim and stylish with a 12-button keypad to provide the user with additional flexibility.



Video and Access Event Integration with Hikvision Recorders

Hikvision's controllers and standalone terminals are easily integrated with our NVRs and DVRs. Upon receiving an access event, the recorder associates it with video recordings to provide searchable event-driven playback. The ability to combine video and access control seamlessly provides the user with complete safety and security.

Support for both Wiegand and RS-485 Readers

In addition to supporting standard Wiegand protocols to work with third-party cards and readers, Hikvision controllers and standalone terminals also support propriety RS-485 protocol, used in conjunction with Hikvision readers. This enables simpler wiring, longer distances and a maximum of eight readers among four doors. A complete Hikvision access control solution using RS-485 makes it a preferred solution for convenience and versatility.

Bundled Management Software

A complete Hikvision access control system comes bundled with the iVMS-4200 management software. It is capable of managing all users, permissions and rules for the system. In addition, the software functions as a video workstation for Hikvision video surveillance equipment.

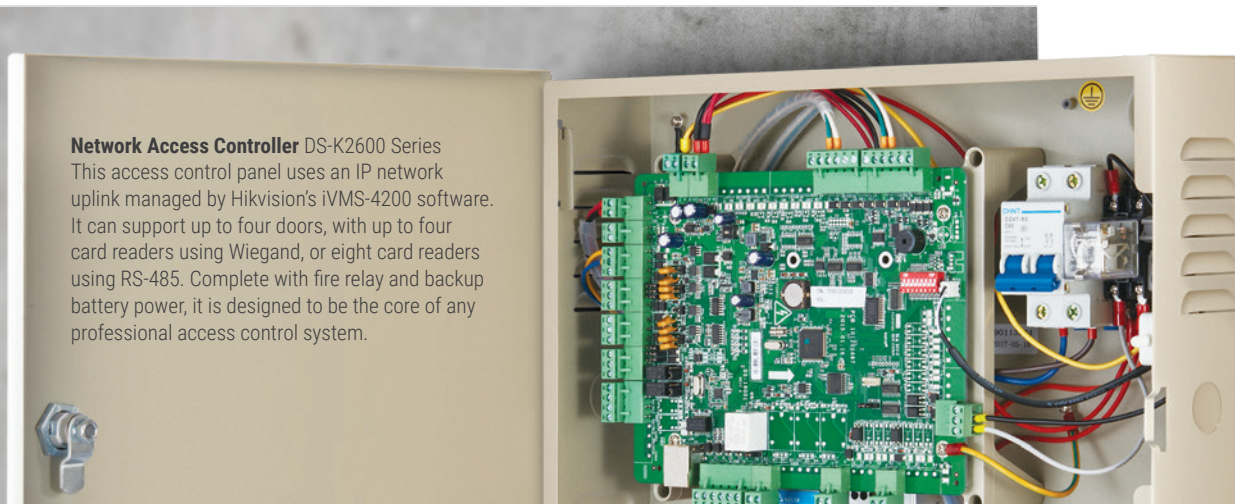
Multiple Authentication

The Hikvision access control system supports card authentication, keypad passcode and fingerprint authentication. The user has the ability to request two different types of authentication methods to ensure maximum security. Face detection is available on certain standalone terminals, which takes a picture of the visitor for an administrator to verify their identity.

Advanced Access Control Features






In addition to simply opening and closing the doors, advanced features are also available through the use of the iVMS-4200 software. These include but are not limited to anti-pass back, multiple authentication and multi-door interlocking, giving the user a truly exceptional security environment.

Network Access Controller DS-K2600 Series
This access control panel uses an IP network uplink managed by Hikvision's iVMS-4200 software. It can support up to four doors, with up to four card readers using Wiegand, or eight card readers using RS-485. Complete with fire relay and backup battery power, it is designed to be the core of any professional access control system.



ACCESS CONTROL




NETWORK ACCESS CONTROLLER

	DS-K2601	DS-K2602	DS-K2604	DS-K2602-G NEW	DS-K2604-G NEW
Model					
Capacity	16M	16M	16M	16M	16M
Uplink Communication Interface	TCP/IP Network Interface and RS-485 Interface	TCP/IP Network Interface and RS-485 Interface	TCP/IP Network Interface and RS-485 Interface	TCP/IP Network Interface and RS-485 Interface	TCP/IP Network Interface and RS-485 Interface
Downlink Communication Interface	RS-485 and Wiegand (w26/w34)	RS-485 and Wiegand (w26/w34)	RS-485 and Wiegand (w26/w34)	RS-485 and Wiegand (w26/w34)	RS-485 and Wiegand (w26/w34)
Storage Max Cards Number	100,000 (200,000 expandable)	100,000 (200,000 expandable)	100,000 (200,000 expandable)	100,000 (200,000 expandable)	100,000 (200,000 expandable)
Storage Max Events Number	300,000 (600,000 expandable)	300,000 (600,000 expandable)	300,000 (600,000 expandable)	300,000 (600,000 expandable)	300,000 (600,000 expandable)
LED Indicator	Power Supply Status, Communication Status, Working Status	Power Supply Status, Communication Status, Working Status	Power Supply Status, Communication Status, Working Status	Power Supply Status, Communication Status, Working Status	Power Supply Status, Communication Status, Working Status
Built-in Clock	Yes	Yes	Yes	Yes	Yes
Accessible Card Reader	2 Card Readers (RS485 Interface) 2 Card Readers (Wiegand Interface)	4 Card Readers (RS485 Interface) 4 Card Readers (Wiegand Interface)	8 Card Readers (RS485 Interface) 4 Card Readers (Wiegand Interface)	4 Card Readers (RS485 Interface) 4 Card Readers (Wiegand Interface)	8 Card Readers (RS485 Interface) 4 Card Readers (Wiegand Interface)
Input Interface	Alarm Input × 4, Door Sensor × 2, Exit Button × 2, Case Input × 4, Tamper Alarm × 1	Alarm Input × 4, Door Sensor × 2, Exit Button × 2, Case Input × 4, Tamper Alarm × 1	Alarm Input × 4, Door Sensor × 4, Exit Button × 2, Case Input × 8, Tamper Alarm × 1	Alarm Input×4, Door Sensor×2, Exit Button×2, Case Input×4, Tamper Alarm×1	Alarm Input×4, Door Sensor×4, Exit Button×4, Case Input×8, Tamper Alarm×1
Output Interface	Lock Relay × 1, Alarm Relay × 2	Lock Relay × 2, Alarm Relay × 4	Lock Relay × 4, Alarm Relay × 4	Lock Relay×2, Alarm Relay×4	Lock Relay×4, Alarm Relay×4
Working Temperature	20°C to +60°C (-4°F to +140°F)	20°C to +60°C (-4°F to +140°F)	20°C to +60°C (-4°F to +140°F)	-20°C to +65°C (-4°F to +149°F)	-20°C to +65°C (-4°F to +149°F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Working Voltage	DC 12V/1A	DC 12V/1A	DC 12V/1A	DC 12V/1A	DC 12V/1A
Power Dissipation (with Load)	110V AC/12V DC (Power Adapter Included)	110V AC/12V DC (Power Adapter Included)	110V AC/12V DC (Power Adapter Included)	110V AC/12V DC (Power Adapter Included)	110V AC/12V DC (Power Adapter Included)
Certification	CE, FCC, UL 60950	CE, FCC, UL 60950	CE, FCC, UL 60950	CE, FCC, UL 294	CE, FCC, UL 294

ACCESS CONTROL

STANDALONE TERMINAL




FINGERPRINT TERMINAL

	DS-K1T105M	DS-K1T105M-C	DS-K1T105E	DS-K1T105E-C	DS-K1T201EF-C	DS-K1T201MF-C
Model						
Uplink Communication Interface	TCP/IP, Wi-Fi Card Reader Mode: Wiegand26/34, RS-485	TCP/IP, Wi-Fi Card Reader Mode: Wiegand26/34, RS-485	TCP/IP, Wi-Fi	TCP/IP, Wi-Fi	TCP/IP, Wi-Fi	TCP/IP, Wi-Fi
Downlink Communication Interface	RS-485 and Wiegand (w26/w34)	RS-485 and Wiegand (w26/w34)	Wiegand26/34, RS-485	Wiegand26/34, RS-485	Wiegand26/34, RS-485	Wiegand26/34, RS-485
Storage Max Cards Number	300,000	300,000	100,000	100,000	100,000	100,000
Storage Max Events Number	100,000	100,000	300,000	300,000	300,000	300,000
Fingerprint Capacity	300,000	300,000	---	---	9500	9500
Fingerprint Recognition Duration	---	---	---	---	1:1≤1s, 1:1000≤1s	1:1≤1s, 1:1000≤1s
FAR (False Accept Rate)	---	---	---	---	≤0.001%	≤0.001%
FRR (False Rejection Rate)	---	---	---	---	≤0.01%	≤0.01%
Camera	---	2 MP	---	2 MP	2 MP	2 MP
Support SD Card	Max.32G	Max.32G	Max.32G	Max.32G	Max.32G	Max.32G
Card Reading Mode	Mifare	Mifare	EM	EM	EM	Mifare
LED Indicator	Power/Communication	Power/Communication	Power/Communication	Power/Communication	Power/Communication	Power/Communication
Face detection and picture capturing	---	Yes	---	Yes	Yes	Yes
Input Interface	Exit Button *1, Door Sensor*1, Alarm *2	Exit Button *1, Door Sensor*1, Alarm *2	Exit Button *1, Door Sensor*1, Alarm *2	Exit Button *1, Door Sensor*1, Alarm *2	Exit Button × 1, Door Sensor × 1, Relay × 1, Alarm × 2	Exit Button × 1, Door Sensor × 1, Relay × 1, Alarm × 2
Output Interface	Doorbell×1, Relay×1	Doorbell×1, Relay×1	Doorbell×1, Relay×1	Doorbell×1, Relay×1	Doorbell×1, Relay×1	Doorbell×1, Relay×1
USB	---	---	---	---	---	---
LCD screen	320×240 LCD-TFT	320×240 LCD-TFT	320×240 LCD-TFT	320×240 LCD-TFT	320×240 LCD-TFT	320×240 LCD-TFT
Audio	Loudspeaker	Loudspeaker	Loudspeaker	Loudspeaker	Loudspeaker	Loudspeaker
Keypad	17 Keys (0 to 9, F1, F2, DEL, Switch Key, *, #, Doorbell)	17 Keys (0 to 9, F1, F2, DEL, Switch Key, *, #, Doorbell)	17 Keys (0 to 9, F1, F2, DEL, Switch Key, *, #, Doorbell)	17 Keys (0 to 9, F1, F2, DEL, Switch Key, *, #, Doorbell)	17 Keys (0 to 9, F1, F2, DEL, Switch Key, *, #, Doorbell)	17 Keys (0 to 9, F1, F2, DEL, Switch Key, *, #, Doorbell)
Water Protection	---	---	---	---	---	---
Tampering/Duress Alarm	Support/Support	Support/Support	Support/Support	Support/Support	Support/Support	Support/Support
Reports automatically	---	---	---	---	---	---
Working Temperature	-20°C to 65°C (-4°F to 149°F)	-20°C to 65°C (-4°F to 149°F)	-20°C to 65°C (-4°F to 149°F)	-20°C to 65°C (-4°F to 149°F)	-20°C to 65°C (-4°F to 149°F)	-20°C to 65°C (-4°F to 149°F)
Working Humidity	10% to 90% (No Condensing)	10% to 90% (No Condensing)	10% to 90% (No Condensing)	10% to 90% (No Condensing)	10% to 90% (No Condensing)	10% to 90% (No Condensing)
Working Voltage	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V
Power Dissipation (with Load)	500mA(without Locks)	500mA(without Locks)	500mA(without Locks)	500mA(without Locks)	500mA(without Locks)	500mA(without Locks)
Certification	CE, FCC, UL	CE, FCC, UL	CE, FCC, UL	CE, FCC, UL	CE, FCC, UL	CE, FCC, UL




ACCESS CONTROL

FACIAL RECOGNITION TERMINAL

Model	DS-K1T606M	DS-K1T606MF	DS-K5603-Z
	 COMING SOON	 COMING SOON	 COMING SOON
Uplink Communication Interface	TCP/IP,Wi-Fi	TCP/IP,Wi-Fi	TCP/IP
Downlink Communication Interface	RS-485 and Wiegand	RS-485 and Wiegand	RS-485 and RS-232
Storage Max Cards Number	50,000	50,000	50,000
Storage Max Events Number	3,000	3,000	10,000
Fingerprint Capacity	100,000	100,000	50,000
Fingerprint Recognition Duration	---	5,000	---
FAR (False Accept Rate)	---	≤ 1s/Person	≤ 0.5s/Person
FRR (False Rejection Rate)	---	---	---
Camera	---	---	---
Support SD Card	2MP	2MP	2MP
Card Reading Mode	---	---	---
LED Indicator	Mifare	Mifare	---
Face detection and picture capturing	Yes	Yes	Yes
Input Interface	Exit Button × 1, Door Sensor × 1, Alarm Input × 1	Exit Button × 1, Door Sensor × 1, Alarm Input × 1	Exit Button × 1, Door Sensor × 1, Alarm Input × 1
Output Interface	Door Lock × 1, Door Bell × 1, Alarm Output × 1.	Door Lock × 1, Door Bell × 1, Alarm Output × 1.	Door Lock × 1, Door Bell × 1, Alarm Output × 1.
USB	USB 2.0	USB 2.0	USB 2.0
LCD screen	5-inch LCD Touch Screen	5-inch LCD Touch Screen	10.1-inch LCD Touch Screen
Audio	1 Buzzer and 1 Loudspeaker	1 Buzzer and 1 Loudspeaker	Loudspeakers × 2
Key Board	---	---	---
Protection Level	IP65	IP65	IP55
Tampering/Duress Alarm	Yes	Yes	Yes
Reports automatically	Support	Support	Support
Working Temperature	-10 °C to +55 °C (14 °F to +131 °F)	-10 °C to +55 °C (14 °F to +131 °F)	-20 °C to +60 °C (-4 °F to +140 °F)
Working Humidity	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)
Working Voltage	12 VDC/2 A (Centralized Power Supply)	12 VDC/2 A (Centralized Power Supply)	12 VDC/3 A (Without Adapter; Centralized Power Supply); 25W
Power Dissipation (with Load)	1A	1A	3A
Certification	FCC,UL,CE	FCC,UL,CE	FCC,UL,CE





TURNSTILE

Model	DS-K3B601A
	 COMING SOON
Communication Interface	TCP/IP, I/O, RS-232, RS-485
IR Light Detectors	12 pairs
Throughput	30 to 60 persons per minute
MCBF	> 5,000,000 times (for DS-K3B601A series) > 3,000,000 times (for DS-K3B601 series)
Lane Width	550 mm to 1100 mm (21.65" to 43.31")
Barrier Material	Stainless steel pipe; 10 mm (0.39") acrylic glass (Optional)
Pedestal Material	AISI304 stainless steel with the thickness of 1.5 mm (0.06")
Dimension (L × W × H)	1500 mm × 200 mm × 990 mm (59.06" × 7.87" × 38.98")
Power Supply	100 to 240 VAC; 50 to 60 Hz
Working Temperature	-25 °C to 70 °C (-13 °F to 158 °F)
Working Humidity	10% to 95% (No Condensing)
Installation	Indoor/Outdoor

ACCESS CONTROL

VIDEO TERMINAL

TIME ATTENDANCE TERMINAL

	DS-K1T500S	DS-K1T501SF	DS-K1T804MF	DS-K1T804EF
Model				
Uplink Communication Interface	TCP/IP	TCP/IP	TCP/IP	TCP/IP
Card Reader Mode	Wiegand26/34, RS-485	Wiegand26/34, RS-485	Wiegand(w26/w34)	Wiegand(w26/w34)
Downlink Communication Interface	RS485	RS485	RS-485 (For Secure Door Control Unit), Wiegand Input(Wiegand 26/34)	RS-485 (For Secure Door Control Unit), Wiegand Input(Wiegand 26/34)
Storage Max Cards Number	50,000	50,000	3,000	3,000
Storage Max Events Number	200,000	200,000	100,000	100,000
Fingerprint Capacity	---	3000	3,000	3,000
Fingerprint Recognition Duration	---	<= 1s	< 1s	< 1s
FAR (False Accept Rate)	---	<= 0.001 %	≤0.001%	≤0.001%
FRR (False Rejection Rate)	---	<= 0.01 %	≤0.01%	≤0.01%
Camera	2 MP/1080p, IR Light	2 MP/1080p, IR Light	---	---
Support SD Card	Yes	Yes	---	---
Card Reading Mode	Mifare	Mifare	Mifare	EM
LED Indicator	---	---	Power/Status (Red/Green), Key Back Light(White)	Power/Status (Red/Green), Key Back Light(White)
Face detection and picture capturing	Support	Support	---	---
Input Interface	Door Magnetic Sensor*1, Alarm Input*2, Tamper-Proof Switch*1, Exit Button *1	Door Magnetic Sensor*1, Alarm Input*2, Tamper-Proof Switch*1, Exit Button *1	Exit Button × 1, Door Sensor × 1, Alarm Input × 1	Exit Button × 1, Door Sensor × 1, Alarm Input × 1
Output Interface	Lock*1, (Alarm Output, Doorbell) *1	Lock*1, (Alarm Output, Doorbell) *1	Relay (Lock Output) ×1, Doorbell Output ×1 and Alarm Output ×1	Relay (Lock Output) ×1, Doorbell Output ×1 and Alarm Output ×1
USB	---	---	USB 2.0	USB 2.0
LCD screen	---	---	320×240 LCD-TFT	320×240 LCD-TFT
Audio	---	---	1 Buzzer and 1 Loudspeaker	1 Buzzer and 1 Loudspeaker
Key Board	2-Way	2-Way	Back light	Back light
Protection Level	IP65	IP65	IP42	IP42
Tampering/Duress Alarm	Support/Support	Support/Support	Support/Support	Support/Support
Reports automatically	---	---	Support	Support
Working Temperature	-40°C to 60°C (-40° F to 140° F)	-40°C to 60°C (-40° F to 140° F)	-10°C to 55°C (14°F to 131°F)	-10°C to 55°C (14°F to 131°F)
Working Humidity	10% to 90% (No Condensing)	10% to 90% (No Condensing)	10% to 90% (No Condensing)	10% to 90% (No Condensing)
Working Voltage	DC 12V/1A	DC 12V/1A	DC 12V	DC 12V
Power Dissipation (with Load)	<=600mA	<=600mA	1A (max)	1A (max)
Certification	CE, FCC, UL	CE, FCC, UL	CE, FCC, UL	CE, FCC, UL



ACCESS CONTROL

	EM CARD READER		MIFARE CARD READER		EM CARD READER		MIFARE CARD READER	
	DS-K1107E	DS-K1107EK	DS-K1107M	DS-K1107MK	DS-K1102E	DS-K1102EK	DS-K1102M	DS-K1102MK
Model								
Power Supply	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC
Fingerprint Capacity	---	---	---	---	---	---	---	---
FAR	---	---	---	---	---	---	---	---
FRR	---	---	---	---	---	---	---	---
Comparison Time	---	---	---	---	---	---	---	---
Card Type	EM	EM	Mifare	Mifare	EM	EM	Mifare	Mifare
Reading Range	≤5 cm	≤5 cm	≤5 cm	≤5 cm	≤5 cm	≤5 cm	≤5cm	≤5cm
ID Settings	DIP Switch	DIP Switch	DIP Switch	DIP Switch	DIP Switch	DIP Switch	DIP Switch	DIP Switch
Communication Interface	RS-485 / Wiegand (DIP Switch)	RS-485 / Wiegand (DIP Switch)	RS-485 / Wiegand (DIP Switch)	RS-485 / Wiegand (DIP Switch)	RS-485 / Wiegand (DIP Switch)	RS-485 / Wiegand (DIP Switch)	RS-485 / Wiegand (DIP Switch)	RS-485 / Wiegand (DIP Switch)
Audio Alert	Beeper	Beeper	Beeper	Beeper	Beeper	Beeper	Beeper	Beeper
Keypad	-	12 Keys (0~9, *, #)	-	12 Keys (0~9, *, #)	-	12 Keys (0~9, *, #)	---	12 Keys (0~9, *, #)
LED Indicator	Power Indicator, Status Indicator	Power Indicator, Status Indicator	Power Indicator, Status Indicator	Power Indicator, Status Indicator	Power Indicator, Status Indicator	Power Indicator, Status Indicator	Power Indicator, Status Indicator	Power Indicator, Status Indicator
Working Temperature	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)
Working Humidity	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)
Tampering Alarm	Support	Support	Support	Support	Support	Support	Support	Support
Protection Level	IP65	IP65	IP65	IP65	IP64	IP64	IP64	IP64
Installing Method	Wall mounting	Wall mounting	Wall mounting	Wall mounting	Single Gang Box	Single Gang Box	Single Gang Box	Single Gang Box
Watchdog	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Built-in electronic clock	---	---	---	---	---	---	---	---
Certifications	FCC, CE, UL	FCC, CE, UL	FCC, CE, UL	FCC, CE, UL	FCC, CE, UL	FCC, CE, UL	FCC, CE, UL	FCC, CE, UL







ACCESS CONTROL


VANDALPROOF MIFARE CARD READER

PROXIMITY CARD READER

FINGERPRINT CARD READER

FINGERPRINT ENROLLMENT

	DS-K1104M	DS-K1104MK	DS-K182HP	DS-K170HPK	DS-K1201EF	DS-K1201MF
Model			 NEW	 NEW		
Power Supply	12V DC	12V DC	+5 – 16 VDC	+5 – 16 VDC	DC 12V±10%	DC 12V±10%
Fingerprint Capacity	---	---	---	---	9500	9500
FAR	---	---	---	---	≤0.001%	≤0.001%
FRR	---	---	---	---	≤0.01%	≤0.01%
Comparison Time	---	---	---	---	≤1s	≤1s
Card Type	Mifare	Mifare	Proximity	Proximity	EM	Mifare/CPU
Reading Range	≤5cm	≤5cm	≤12.6cm	≤12.6cm	≤100mm (≤3.94")	≤100mm (≤3.94")
ID Settings	DIP Switch	DIP Switch	---	---	---	---
Communication Interface	RS-485 / Wiegand (DIP Switch)	RS-485 / Wiegand (DIP Switch)	Wiegand	Wiegand	RS-485	RS-485
Audio Alert	Beeper	Beeper	Beeper	Beeper	Buzzer	Buzzer
Keypad	---	12 Keys (0~9, *, #)	---	12 Keys (0~9, *, #)	---	---
LED Indicator	Power Indicator, Status Indicator	Power Indicator, Status Indicator	Four-state standard (red, green, amber, and off)	Four-state standard (red, green, amber, and off)	Power/Communication	Power/Communication
Working Temperature	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-40° C to +65° C(-40° F to 149° F)	-40° C to +65° C(-40° F to 149° F)	-40°C to +70°C (-40°F to +158°F)	-40°C to +70°C (-40°F to +158°F)
Working Humidity	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	---	---	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)
Tampering Alarm	Support	Support	Support	Support	Support	Support
Protection Level	IP65, IK10	IP65, IK10	IP67	IP67	IP65	IP65
Installing Method	Single Gang Box	Single Gang Box	Electronics sealed in weather- and tamper-resistant epoxy potting	Electronics sealed in weather- and tamper-resistant epoxy potting	Single Gang Box	Single Gang Box
Watchdog	Yes	Yes	---	---	Yes	Yes
Built-in electronic clock	---	---	---	---	Yes	Yes
Certifications	FCC, CE, UL	FCC, CE, UL	CE, FCC, UL 294	CE, FCC, UL 294	FCC, CE, UL	FCC, CE, UL




	DS-K1F820-F
Model	
CPU	Core: 32-bit
Communication Interface	USB2.0
Fingerprint Scanner	Optical, Red Backlight
FAR	< 0.001 % (Security Level: 3)
FRR	< 0.1 % (Security Level: 3)
Working Temperature	-30°C to +70°C (-22°F to 158°F)
Working Humidity	20% to 80% (Non-Condensing)
Definition	508 dpi
Plug and Play	Support
Scratch-resistant Sensor	Yes
Certifications	FCC, CE, UL



ACCESS CONTROL ACCESSORIES



	PROXIMITY CARD	MIFARE KEY FOB	MIFARE CARD	EM CARD	PROXIMITY KEY FOB
Model	DS-KTM151-P  NEW	DS-K7M102-M  NEW	IC S50 	DS-KEM125 	DS-K7M153-P  NEW
Sensing Frequency	125 kHz	13.56MHz	13.56 MHz	125KHz +/- 6KHz	125 kHz
Sensing Distance	20.2 cm	0-3 cm	10 cm	15 cm	8.8 cm
Temperature	-37° C to +50° C (-35° F to 122° F)	-10° C to +50° C (14° F to 122° F)	-20° C to +75° C (-4° F to 167° F)	-20° C to +75° C (-4° F to 167° F)	-37° C to +50° C (-35° F to 122° F)
Dimension	56 mm × 86 mm × 1.5 mm	26 x 50 x 4 m	85.5 mm × 54 mm × 0.8 mm	85.5 mm × 54 mm × 0.8 mm	30 mm × 38 mm × 3.8 mm
Certifications	FCC,UL	FCC,UL	FCC,UL	FCC,UL	FCC,UL

LOCK


	DS-K4H250D	DS-K4H250S	DS-K4T100
Model			
Dimension of Lock Body (L×W×H)	480×49×25.5mm (18.9×1.93×1.00")	240×49×25.5mm (9.45×1.93×1.00")	205×35×40mm (8.07×1.38×1.57")
Maximum Thrust	300kg×2 Linear Thrust	300kg Linear Thrust	800kg Linear Thrust
Input Voltage	12V DC /24VDC	DC12V/DC24V	12V DC+10%
Working Current	12V/500mA×2 24V/250mA×2	12V/500mA 24V/250mA	900mA (Startup Current) 100mA (Standby)
Signal Output	Dry Contact Signal Output, Support Maximum Power Rate of 3A, NO Output While Locking and NC Output While Unlocking	Dry Contact Signal Output, Support Maximum Power Rate of 3A, NO Output While Locking and NC Output While Unlocking	Signal Output NC, COM Contact of Door-status
LED Indicator	Red (Door is Unlocked) Green (Door is Locked)	Red (Door is Unlocked) Green (Door is Locked)	Red (Door is Unlocked) Green (Door is Locked)
Suitable Door	Wooden Door, Glass Door, Metal Door, Fireproof Door	Wooden Door, Glass Door, Metal Door, Fireproof Door	Wooden Door, Glass Door, Metal Door, Fireproof Door
Working Temperature	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)
Working Humidity	0 to 95% (Relative Humidity)	0 to 95% (Relative Humidity)	0 to 95% (Relative Humidity)
Weight	4.2kg(9.3lb)	2.1kg(4.63lb)	0.7kg(1.54lb)

ACCESS CONTROL ACCESSORIES


EXIT BUTTON

	DS-K7P02	DS-K7P04
Model		
Dimension(L×W×H)	86×86×25.7mm (3.39×3.39×1.01")	90×35×37.7mm (3.54×1.38×1.48")
Input Voltage	DC12V	DC12V
Working Current	20mA (standby), 50mA (working current)	20mA (standby), 50mA (working current)
Current Rating	1A @ 30V DC, 0.5A@125VAC	1A @ 30V DC, 0.5A@125VAC
Output Contact	NO/NC/COM contact	NO/NC/COM contact
Panel	aluminum panel	aluminum panel
Aging Test	Passed	Passed
Suitable Doors	all kinds of narrow doorframes	all kinds of narrow doorframes
Working Temperature	-20°C to +50°C (-4°F to 122°F)	-20°C to +50°C (-4°F to 122°F)
Working Humidity	0 to 95% (relative humidity)	0 to 95% (relative humidity)
Maximum Inductive Distance	40 to 100mm(1.57 to 3.94") (adjustable)	40 to 100mm(1.57 to 3.94") (adjustable)
LED Indicator Status:	white/green/red LED, indicates power-off/ active/Standby	white/green/red LED, indicates power-off/ active/Standby
Product Weight	0.15kg (0.33lb)	0.12kg (0.26lb)

CARD ENROLLMENT

	DS-K1F100-D8E
Model	
Card Reading Frequency	13.56MHz and 125KHz
Card Type	Standard IC Card, and ID (EM) Card
Protocol	ISO 14443 Type A/B Standard and ISO 7816 Standard
Interface	USB 2.0
Plug-and-play	Support
On-line upgrade	Support
Encryption	Support
LED Light	Indicates Power and the Communication Status
Working Temperature	-20°C to 65°C (4° F to 149° F)
Working Current	200mA
System	Support Windows, WinXP, Win7 and Win8
Certifications	FCC, CE, UL

SMART SECURE UNIT

	DS-K2M060
Model	
Communication Interface	RS-485
Input / Output Interface	Exit Button*1, Lock*1, Door Magnetic*1, Alarm Out*1 and Wiegand*1
Indicator	7 Indicators (RS-485 Communication Status*2, Power Supply*1, Exit Button*1, Lock Status*1, Door Magnetic*1 and Running Status*1)
Tampering Alarm	Support
RS-485 communication indicator	Support
Card reader Interface	Wiegand
Power Supply	DC 12V
Working Temperature	-30°C to +55°C (-22°F to 131°F)
Working Humidity	10% to 90% (Non Condensing)
Installing Method	Wall Mounting
Certifications	FCC, CE, UL





IP Door Station DS-KV8102-IM

This metal framed door station supports calling of up to four tenants. It is also equipped with a card reader, allowing the user to enter with a simple tap of a key card. It can be flush mounted or surface mounted using a wall mount kit.



IP VIDEO INTERCOM SOLUTIONS

Hikvision's new IP Video Intercom line is a simple yet complete solution for customers in need of two-way audio and entranceway video verification. A full system consists of a video door station such as the DS-KV8102-IM, and an indoor station such as the DS-KH8301-WT, each powered by the KAD606-P power and data distributor using Ethernet cables. The user conveniently answers the door at the indoor station, and can unlock the door with a simple push of a virtual button on their touchscreen. The system is also fully integrated with the Hik-Connect app to provide the user with full access to their door virtually anywhere, anytime. Combining convenience and versatility, the Hikvision IP Video Intercom system propels a company's interactive video security one step further.



Wi-Fi Indoor Station DS-KH8301-WT

This indoor station supports Wi-Fi connectivity, which simplifies cabling in many installation scenarios. A master extension design allows multiple indoor stations to ring simultaneously so the user doesn't have to run from room to room to answer a call. It has full integration with the Hik-Connect smartphone app and comes with its own camera to allow users to video conference using different indoor stations.

Ethernet Connectivity

All door and indoor stations are managed via TCP/IP using category cables, making both physical connections and software management easy to perform.

Many-to-Many Communication

Multiple door stations can be programmed to be answered by multiple indoor stations. With up to four doorbells on a single door station, the user decides which and how many rooms can be called when a button is pressed at the door.

Integration with Hikvision Recorders

The IP video intercom products take Hikvision's strength in video surveillance even further. Not only is the video stream fully viewable on a Hikvision recorder, doorbell and entry events are also logged on the playback, allowing the user to search the recordings by door and by event.

Remote Calling

Fully integrated with the Hik-Connect cloud platform and phone app, an indoor station can simultaneously ring its owner's phone when a visitor is at their door. Regardless of whether the owner is home or not, they are given the ability to answer the call, see the visitor, and open the door with simple taps on their phone.

Embedded Card Readers

Select door stations come equipped with Mifare card readers, essentially providing the user the convenience and security typically offered by entry-level access control systems.

IR Illumination

IR LED located near the camera lens ensures the camera can see the visitor even in poorly-lit areas.









Vandal-Proof Door Station DS-KB8112-IM

This model comes equipped with sturdy surface-mount housing and tamperproof screws. Its manually adjustable pan also ensures the visitor is within full view of the camera when they stand in front of the door.





IP VIDEO INTERCOM


IP DOOR STATION

	DS-KV8102-IM	DS-KV8202-IM	DS-KV8402-IM	DS-KB8112-IM	DS-KV8103-IME2	DS-KD3002-VM
Model					 COMING SOON	 NEW
Camera	CMOS, Low Illumination, 1.3 MP HD, Color	CMOS, Low Illumination, 1.3 MP HD, Color	CMOS, Low Illumination, 1.3 MP HD, Color	CMOS, Low Illumination, 1.3 MP HD, Color, Day/Night	CMOS Low Illumination 2 MP HD Colorful 155° Fisheye Camera	CMOS Low Illumination 1.3 MP HD Color
Video compression standard	H.264	H.264	H.264	H.264	H.264	H.264
Audio input & output	Support	Support	Support	Support	Support	Support
Internal card reader	Built-in IC Card Reader	Built-in IC Card Reader	Built-in IC Card Reader	---	---	Built-in IC Card Reader
Issues cards via door station	Up to Max. 256 cards	Up to Max. 256 cards	Up to Max. 256 cards	---	---	Up to Max. 2500 cards
Door magnetic detection	Detects Door Magnetic Status	Detects Door Magnetic Status	Detects Door Magnetic Status	---	Detects Door Magnetic Status	Detects Door Magnetic Status
IR	Yes	Yes	Yes	Yes, 5 Meters	Yes	No
Remote Control	Yes	Yes	Yes	Yes	Yes	Yes
Ethernet	10/100 Mbps Self-Adaptive Ethernet	10/100 Mbps Self-Adaptive Ethernet	10/100 Mbps Self-Adaptive Ethernet	10/100 Mbps Self-Adaptive Ethernet	10/100 Mbps Self-Adaptive Ethernet	10/100/1000 Mbps Self-Adaptive Ethernet
Network protocol	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP	RTSP, RTP, ONVIF, ISAPI, NTP, HTTP, HTTPS, DHCP, FTP, SMTP	TCP/IP, RTSP	TCP/IP, RTSP
Alarm input	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm
RS-485	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port	---	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port
I/O input	4	4	4	1	2	4
I/O output	1	1	1	1	1-ch 12 VDC Output	4
Power supply	24V DC, Power Over Network Cable (KAD606-P), 12V DC	4V DC, Power Over Network Cable (KAD606-P), 12V DC	24V DC, Power Over Network Cable (KAD606-P), 12V DC	Standard PoE, 12V DC	24V DC, Power Over Network Cable (DS-KAD709)	12V DC
Power consumption	≤12 W	≤12 W	≤12 W	≤12 W	≤12 W	≤15 W
Working temperature	-40° C to +70° C (-40° F to 158° F)	-40° C to +70° C (-40° F to 158° F)	-40° C to +70° C (-40° F to 158° F)	-30° C to +50° C (-22° F to 122° F)	-30° C to +60° C (-22° F to 140° F)	-40° C to +60° C (-40° F to 140° F)
Working humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Protection level	IP65	IP65	IP65	IK9, IP66	IP 65	IP65
Certification	FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL	FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL	FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL	FCC, CE, UL	FCC, CE, UL	FCC, IC, CE, C-TICK, ROHS, REACH, WEEE

IP INDOOR STATION

	DS-KH8300-T	DS-KH8301-WT	DS-KH8340-TCE2 COMING SOON
Model			
Camera	---	CMOS 0.3 MP, Mechanical Switch	---
Video compression standard	---	H.264	---
Camera Resolution	---	1024 x 600	---
Display screen	7-Inch Colorful TFT LCD	7-Inch Colorful TFT LCD	7-Inch Colorful TFT LCD
Display resolution	1024 × 600	1024 × 600	1024 × 600
Audio input & output	Built-in	Built-in	Built-in
Ethernet	10/100 Mbps Self-Adaptive Ethernet	10/100 Mbps Self-Adaptive Ethernet	Two-Wire Interface
Network protocol	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP
Alarm input	8-ch Alarm Input Sensor	8-ch Alarm Input Sensor	8-ch Alarm Input Sensor
Auto-upload alarm	Support	Support	Support
RS-485	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port
I/O output	2	2	2
Panic call	Support	Support	Support
TF card (micro SD card)	TF Card, Support Max. 32GB	TF Card, Support Max. 32GB	TF Card, Support Max. 32GB
Memory	256 M	256 M	256 M
Power supply	24V DC, Power Over Network Cable (KAD606-P), 12V DC	24V DC, Power Over Network Cable (KAD606-P), 12V DC	Powered by DS-KAD709 ≤10 W
Working temperature	-10° C to +55° C (14° F to 131° F)	-10° C to +55° C (14° F to 131° F)	-10° C to +55° C (14° F to 131° F)
Working humidity	10% to 90%	10% to 90%	10% to 90%
Certification	FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL	FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL	FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL

WI-FI VIDEO DOORBELL

	NA-KB6013-WIP NEW
Model	
Image sensor	CMOS 2 MP HD Colorful Camera
Lens	f1.96 mm, F 2.2
Field of view	180° (Horizontal), 96° (Vertical)
Video compression standard	H.264
Video streaming	Dual Stream
Anti-flicker frequency	50 Hz, 60 Hz
Wide dynamic range	WDR
Audio streaming	Two-Way, Full Duplex
Audio input & output	Built-in
IR	Supply, IR Distance: 5 Meters
Network protocol	TCP/IP, RTSP
Network interface	1 Wireless Interface (Wireless Network Card), Supporting 2.4 GHz
Motion Detection	Supported
Motion Detection Alarm	Supported
TF card	Max. 128 G
Ingress protection level	IP 54
Power supply	16 VAC to 24 VAC, Max. 0.6 A
Working temperature	-30° C to +50° C (-22° F to 122° F)
Working humidity	10% to 90%
Certification	FCC, CE, UL

Two-Wire Video Intercom Bundle



COMING SOON

DS-KIS701

Includes DS-KV8103-IME2, DS-KH8340-TCE2, and DS-KAD709





POWER & DATA DISTRIBUTOR




	DS-KAD606-P	DS-KAD709 COMING SOON
Model		
Interface number	Eight 10/100 Mbps Interfaces	One 10/100M Interface
Interface type	RJ-45, Full/Half-Duplex, MDI/MDI-X Self-Adaptive	9-ch 2-wire Interface
Standard	IEEE802.3, IEEE802.3u, IEEE802.3x	---
Processing type	Storing and Forwarding	---
Flow control	IEEE802.3x (Full-Duplex), Back Pressure (Half-Duplex)	---
VLAN technique	Support	---
Priority queue	4	---
MAC address list	8K	---
Internal buffer	1 MB	---
Power supply	24V DC (Power adapter included)	24V DC
Power consumption	≤8 W	60 W
Working temperature	-10° C to 55° C (14° F to 131° F)	-10° C to +55° C (14° F to 131° F)
Working humidity	10% to 90%, No Condensation	10% to 90%, No Condensing
Dimensions (L × W × H)	176 mm × 91 mm × 32 mm (69.3" × 35.8" × 12.6")	112.2 mm × 111 mm × 66 mm (4.42" × 4.37" × 2.60")
Certification	CE, FCC, UL	FCC, CE, UL

INTELLIGENT STORAGE

SURVEILLANCE MICROSD

	HS-TF-H11(STD)/32G NEW	HS-TF-H11(STD)/64G NEW
Model		
Capacity	32 GB	64 GB
NAND Flash	MLC	MLC
Form Factor	microSDHC™	microSDHC™
Read Speed	90 MB/s	90 MB/s
Write Speed	46 MB/s	28 MB/s
Operating temperature	-25°C to +85 °C	-25°C to +85 °C
Warranty (Year)	2	2
Surveillance Warranty	Yes	Yes

INTERNAL SURVEILLANCE SSD

	HS-SSD-V210/240G NEW	HS-SSD-V210/480G NEW	HS-SSD-V210/960G NEW
Model			
Capacity	240 GB	480 GB	960 GB
NAND Flash	3D TLC	3D TLC	3D TLC
Form Factor	SATA III 6 Gb/s	SATA III 6 Gb/s	SATA III 6 Gb/s
Seq. Read (up to)	560 MB/s	560 MB/s	560 MB/s
Seq. Write (up to)	490 MB/s	503 MB/s	512 MB/s
Rnd. Read (up to)	73 K	83 K	87 K
Rnd. Write (up to)	25 K	22 K	17 K
Total Bytes Written (TBW)	200 TBW	400 TBW	800 TBW
MTBF (Hour)	1,500,000	1,500,000	1,500,000
Warranty	3 years	3 years	3 years

INTELLIGENT STORAGE

PORTABLE SSD

	DS-USSD120G-T100 NEW	DS-USSD240G-T100 NEW
Model		
Capacity	120GB	240GB
Interface	USB 3.0 Type C	USB 3.0 Type C
Material	Plastic(ABS+PP)	Plastic(ABS+PP)
Color	Piano Black Rose Gold Pearl White	Piano Black Rose Gold Pearl White
Read Speed	450MB/s	450MB/s
Write Speed	340MB/s	400MB/s
Operating temperature	0 °C to 40 °C	0 °C to 40 °C
Dimensions	68mm*68mm*11.2mm	68mm*68mm*11.2mm
Weight	36g	36g
Shock	Anti-vibration is up to 800G @0.5 m/sec	Anti-vibration is up to 800G @0.5 m/sec
Vibration	20-2000 HZ	20-2000 HZ
Supported System	Win, Mac, Android4.0 and above	Win, Mac, Android4.0 and above
Warranty	3 years	3 years


HOME NAS

	HS-AFS-H100I(STD)/2T1H NEW	HS-AFS-H100I(STD)/4T1H NEW
Model		
CPU	Marvell Armada 3720	Marvell Armada 3720
Memory (RAM)	512 MB DDR3	512 MB DDR3
Max. number of HDDs/SSDs	2	2
Max. storage capacity	8 TB	8 TB
Wi-Fi Supported	Yes	Yes
Interface	1 x Gigabit Ethernet, 1 x USB 2.0, 1 x TypeC 3.1, 1 x SD card slot	1 x Gigabit Ethernet, 1 x USB 2.0, 1 x TypeC 3.1, 1 x SD card slot
APP	HikBox	HikBox
File System: Internal Hard Drive	NTFS, exFAT, FAT32, vFAT, EXT4	NTFS, exFAT, FAT32, vFAT, EXT4
File System: External Hard Drive	NTFS, exFAT, FAT32, vFAT, EXT4	NTFS, exFAT, FAT32, vFAT, EXT4
Max. Number of Users	20	20
Operating temperature	0° C to +45° C	0° C to +45° C
Power Consumption (Access)	7.6W	7.6W
Power Consumption(Disk Sleep)	3.6W	3.6W
Dimensions	142mm*175mm*90.9mm	142mm*175mm*90.9mm
Weight	725g	725g
Warranty	2 years	2 years



ACCESSORIES

TurboHD™ LOOPING PANEL

	DS-1TLP16I
Model	
Video in	16-ch, BNC connector
Signal format	CVBS, HDTV and AHD
Video out	16-ch, BNC connector
Loop out	16-ch, BNC connector
Signal format	CVBS, HDTV and AHD
Transmission distance	CVBS, 720P: Up to 500 m (input and output cable combined) 1080P: Up to 300 m (input and output cable combined)
Power supply	1 × 12V DC (2-pin connector)/1 × USB
Power consumption	≤ 3.6 W
Operating temperature	-10 °C to +55 °C (14 °F to 131 °F)
Operating humidity	10% to 90%
Dimensions (W × D × H)	315 × 100 × 52 mm (12.4 × 3.9 × 2.0 in)
Weight	≤ 1.5 kg (3.3 lb)

MONITORS

	DS-D5032FL	DS-D5042FL	DS-D5022FC	DS-D5032FL-B
Model				
Bezel Material	Metal	Metal	Plastic	Metal
Working Time	7x24 h	7x24 h	7x24h	7x24h
Display Type	LED-Backlit TFT LCD	LED-Backlit TFT LCD	LED-Backlit TFT LCD	LED-Backlit TFT LCD
Screen Size	32"	42"	21.5"	32"
Pixel Pitch (H×V)	0.3637 mm × 0.3637 mm	0.4845 mm × 0.4845 mm	0.248 mm × 0.248 mm	0.3637 mm × 0.3637 mm
Max. Resolution	1920×1080p	1920×1080p	1920×1080	1920×1080P
Brightness	400cd/m ² (Typical)	400cd/m ² (Typical)	250cd/m ² (Typical)	400cd/m ² (Typical)
Contrast	3000:1	4000:1	1000:1	4000:1
Response Time	6.5 ms	6.5 ms	5 ms	10ms
Color	16.7 M	16.7 M	16.7 M	16.7M
Viewing Angle	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°	Horizontal 170°, Vertical 160°	Horizontal 178°, Vertical 178°
Inputs	1x HDMI, VGA, DVI, BNC, USB	1x HDMI, VGA, DVI, BNC, USB	1x HDMI, VGA, BNC, USB	1x HDMI, VGA, TVI, BNC, USB
Outputs	---	---	BNC	BNC
Audio Input	1, 3.5 mm mini-jack	1, 3.5 mm mini-jack	1, 3.5 mm mini-jack	1, 3.5 mm mini-jack
Audio Output	1, 3.5 mm mini-jack	1, 3.5 mm mini-jack	1, 3.5 mm mini-jack	1, 3.5 mm mini-jack
Speaker	3 W x 2	3 W x 2	2 W x 2	3 W x 2
Ratings	CE, FCC, UL	CE, FCC	CE, FCC, UL	UL,CE,FCC
Power Supply	100-240 VAC, 50/60 Hz	100-220 VAC, 50/60 Hz	DC 12V/3.0A, 50/60Hz	24V DC;100-240 VAC, 50/60Hz or 24V DC
Power Consumption	60 W (Normal working), 1 W (Standby)	< 80W (on), < 1W (Standby)	30 W (Normal working), 0.5 W (Standby)	60 W (Normal working), 0.5 W (Standby)
Operation Temperature	0° C to 40° C	0° C to 40° C	0° to 40 °C	0° to 40 °C
Operating Humidity	10% to 85% (No Condensation)	10% to 85% (No Condensation)	10% to 85% (No Condensation)	10% to 90% (No Condensation)
Storage Temperature	-20°C to 60°C	-20° C to 55° C	-20° C to 55° C	-20° to 55°C
VESA Mount	200 mm x 200 mm	Not VESA compliant 394 mm x 307 mm	100 mm x 100 mm	200 mm × 200 mm
Table Mount	190115887	190115888	Included	190115887
Wall Mount	190115892	190115893	190115892	190115892
Dimension (W×H×D)	737.4 mm × 452.5 mm × 70.65 mm (29" × 17.8" × 2.78")	962.2 mm × 570.5 mm × 71.55 mm (37.9" × 22.5" × 2.8")	511.4 mm × 313 mm × 45.4 mm (20.1 × 12.3" × 1.8")	737.4 mm × 452.5 mm × 70.65 mm (29.03" × 17.81" × 2.78")
Weight	19 Kg (42 lbs)	28 Kg (62 lbs)	4.6 Kg (9.2 lbs)	19 Kg (42 lbs)

ACCESSORIES

MONITOR

PVM MONITOR

MONITOR

4K MONITOR

	DS-D5019QE-B	DS-D5022QE-B	DS-D5024FC	DS-D5032FC-A	DS-D5032FL-C	DS-D5040FC	DS-D5055UL-B
Model	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW	
Bezel Material	Plastic	Plastic	Plastic	Plastic	Metal	Plastic	Metal
Working Time	7x24h	7x24h	7x24h	7x24h	7x24h	7x24h	7x24h
Display Type	LED-Backlit TFT LCD	LED-Backlit	LED-Backlit	TFT-LED Backlight	LED Backlight	TFT-LED Backlight	LCD Backlight
Screen Size	18.5"	21.5"	23.6"	31.5"	31.5"	39.5"	55"
Pixel Pitch (H×V)	0.300 mm×0.300 mm	0.248 mm×0.248 mm	0.2715mm ×0.2715mm	0.12125 mm x0.36375 mm	0.3637 mm × 0.3637 mm	0.15245 mm x 0.4494 mm	0.315mm×0.315mm
Max. Resolution	1366×768	1920 x1080	1920 x1080	1920 x1080	1920 x1080	1920 x1080	3840×2160
Brightness	250cd/m ² (Typical)	250cd/m ² (Typical)	250cd/m ² (Typical)	300cd/m ²	400cd/m ²	360cd/m ²	500cd/m ²
Contrast	600:1	1000:1	1000:1(Typical) DCR 30,000,000:1	1000:1	1000:1	5000:1	1100:1
Response Time	5 ms	5 ms	5 ms	8 ms	6.5 ms	9.5 ms	8 ms
Color	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
Viewing Angle	Horizontal 90°, Vertical 65°	Horizontal 170°, Vertical 160°	Horizontal 170°, Vertical 160°	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°
Inputs	1x HDMI, VGA	1x HDMI, VGA	1x HDMI, VGA,1x BNC	1x HDMI, 1xVGA,1x BNC,1x DVI,1x USB	1x HDMI, 1xVGA,1x LAN,1x USB 2.0	1x HDMI, 1xVGA,1x BNC,1x DVI,1x USB	2x HDMI, 1xVGA, 1x BNC,1x DVI,1x CVBS
Outputs	N/A	N/A	BNC	1x BNC	N/A	1x BNC	1x CVBS
Audio Input	N/A	N/A	1x3.5 mm mini-jack,1x RCA type	1x3.5 mm mini-jack	1x3.5 mm mini-jack	1x3.5 mm mini-jack	1
Audio Output	N/A	N/A	1x3.5 mm mini-jack,1x RCA type	1x3.5 mm mini-jack	1x3.5 mm mini-jack	1x3.5 mm mini-jack	1
Speaker	N/A	N/A	2 W x 2	2 W x 2,6Ω	N/A	2 W x 2,6Ω	2, 8Ω, 5W
Ratings	CE, FCC,UL	CE, FCC,UL	CE, FCC,UL	CE, FCC,UL	CE, FCC,UL	CE, FCC,UL	CE, FCC,UL
Power Supply	AC100 ~ 240 V, 50 /60 Hz	AC100 ~ 240 V, 50 /60 Hz	AC100 ~ 240 V	AC100 ~ 240 V,50/60 Hz	24 VDC; 100 to 240 VAC, 50/60Hz	AC100 ~ 240 V,50/60 Hz	AC100 ~ 240 V,50/60 Hz
Power Consumption	< 25 W(on)< 0.5 W(Standby)	< 30 W(on)< 0.4W(Standby)	< 30 W(on)< 0.5W(Standby)	≤45 W	≤65 W	≤60 W	≤100 W
Operation Temperature	0° to 40 °C	0° to 40 °C	0° to 40 °C	0° to 40 °C	0° to 40 °C	0° to 40 °C	0° to 40 °C
Operating Humidity	10% to 85% (No Condensation)	10% to 85% (No Condensation)	10% to 85% (No Condensation)	10% to 85% (No Condensation)	10% to 90% (No Condensation)	10% to 85% (No Condensation)	10% to 90% (No Condensation)
Storage Temperature	-20° to 55°C	-20° to 55°C	-20° to 60°C	-20° to 60°C	-20° to 60°C	-20° to 55°C	-20° to 55°C
VESA Mount	75 mm x 75 mm	100 mm x 100 mm	100 mm x 100 mm	100 mm x 100 mm	200 mm x 200 mm	100 mm x 100 mm	1380 mm x 280 mm x 435 mm
Table Mount	Included	Included	Included	Included	Included	Included	Included
Wall Mount	190115892	190115892	190115892	190115892	190115892	190115892	190115892
Dimension (W×H×D)	445.58 mmx274.99 mmx44.6mm	511 mm ×313 mm ×170 mm	561x339x218.5 (mm) 22.1x13.3x8.6(inch)	728.8 mm x526 mm x167.2 mm	737.4 × 508 × 74.9 mm (29" × 20" × 2.9")	908.4 mm x516.9 mm x47.8 mm	1380 mm x 280 mm x 435 mm
Weight	3.5 Kg(Gross weight), 2.8 Kg(Net weight)	4.5 Kg(Gross weight), 3.3 Kg(Net weight)	6.0Kg(Gross weight), 5.1 (Net weight)	9.25 Kg(Grossweight), 5.75 Kg(Net weight)	22 kg (48.5 lb)18 kg (39.7 lb)	11 Kg(Grossweight), 8.5 Kg(Net weight)	35Kg









ACCESSORIES

LCD MONITORS

	DS-D2046NL-C	DS-D2046NH-C	DS-D2046NH-E	DS-D2049NL-B	DS-D2055NL-B/G	DS-D2055NH-B/G	DS-D2055NL-E/G	DS-D2055NH-E/G
Model	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW
Diagonal Size (inch)	46"	46"	46"	49"	55"	55"	55"	55"
Backlight	LED Backlight (Direct type)	LED Backlight (Direct type)	LED Backlight (Direct type)	LED Backlight (Direct type)	LED Backlight (Direct type)	LED Backlight (Direct type)	LED Backlight (Direct type)	LED Backlight (Direct type)
Panel	S-PVA	S-PVA	S-PVA	S-PVA	S-PVA	S-PVA	S-PVA	S-PVA
Resolution	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080
Color	16.7M	16.7M	16.7M	10Bit(D), 1.07 Billion colors	16.7M	16.7M	10Bit (D), 1.06 Billion Colors	10Bit (D), 1.06 Billion Colors
Visual Angle	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°(CR≥10)	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°
Response Time	8ms (G to G)	8ms (G to G)	6ms (G to G)	8ms (G to G)	12ms (G to G)	12ms (G to G)	8ms (G to G)	8ms (G to G)
Contrast	4500:1	4500:1	4500:1	4000:1	4000:1	4000:1	4000:1	4000:1
Brightness	500cd/m ²	800cd/m ²	700cd/m ²	500cd/m ²	500cd/m ²	700cd/m ²	500cd/m ²	≥500cd/m ²
Color Saturation	92%	92%	92%	92%	92%	92%	92%	92%
Input Interface	VGA×1, DVI×1, BNC×1, YPbPr×1, HDMI×1	VGA×1, DVI×1, BNC×1, YPbPr×1, HDMI×1	VGA×1, DVI×1, BNC×1, YPbPr×1, HDMI×1,USB×1	VGA×1, DVI×1, BNC×1, YPbPr×1, HDMI×1	VGA×1, DVI×1, BNC×1, YPbPr×1, HDMI×1	VGA×1, DVI×1, BNC×1, YPbPr×1, HDMI×1	VGA×1, DVI×1, BNC×1, YPbPr×1, HDMI×1,USB×1	VGA×1, DVI×1, BNC×1, YPbPr×1, HDMI×1
Output Interface	VGA×1, DVI×1, BNC×2	VGA×1, DVI×1, BNC×2	VGA×1, DVI×1, BNC×2	VGA×1, DVI×1, BNC×2	VGA×1, DVI×1, BNC×2	VGA×1, DVI×1, BNC×2	VGA×1, DVI×1, BNC×2	VGA×1, DVI×1, BNC×2
Control Interface	In: RS-232, Out: RS-232×2	In: RS-232, Out: RS-232×2(Loop)	In: RS-232, Out: RS-232×2(Loop)	RJ45 for RS-232	In: RS-232, Out: RS-232×2	RJ45 for RS-232	RJ45 for RS-232(IN×1,OUT×2)	RJ45 for RS-232
Optional Interface	---	---	In:(3G SDI, DP, HDbaseT, TVI)×1,Out:(3G SDI, DP, HDbaseT, TVI)×1,RJ45×1	---	---	---	---	---
Power Consumption	139 W	139 W	139 W	134 W	192 W	192 W	192 W	192 W
Power Requirement	90~264VAC, 50/60Hz	90~264VAC, 50/60Hz	AC 90~264VAC, 50/60Hz	100~240VAC, 50/60Hz	90~240VAC	90~264VAC	100~240VAC,50/60Hz	90~264VAC
Operating Temperature	0 °C ~ 40 °C (32 °F ~ 104 °F)	0 °C ~ 40 °C (32 °F ~ 104 °F)	0 °C ~ 50 °C (32 °F ~ 122 °F)	0 °C ~ 40 °C	0 °C ~ 40 °C (32 °F ~ 104 °F)	0 °C ~ 40 °C (32 °F ~ 104 °F)	0 °C ~ 50 °C (32 °F ~ 122 °F)	0 °C ~ 40 °C (32 °F ~ 104 °F)
Operating Humidity	10%~85% (No Condensation)	10%~85% (No Condensation)	10%~90% (No Condensation)	10%~85% (No Condensation)	10%~85% (No Condensation)	10%~85% (No Condensation)	10%~90% (No Condensation)	10%~85% (No Condensation)
Working Life	≥60,000 Hours	≥60,000 Hours	≥60,000 Hours	≥60,000 Hours	≥60,000 Hours	≥60,000 Hours	≥60,000 Hours	≥60,000 Hours
Dimension (W×H×D)	1022.08 × 576.67 × 120.3 mm (40.24" × 22.70" × 4.74")	1022.08 × 576.67 × 120.3 mm (40.24" × 22.70" × 4.74")	1020.02 × 574.61 × 116.5 mm (40.16" × 22.62" × 4.59")	1077.6 × 607.8 × 113.57mm	1213.5 × 684.3 × 112.9mm (47.78"×26.94"×4.44")	1213.6 × 684.3 × 111.2 mm (47.78" × 26.94" × 4.38")	1211.54 × 684.34 × 112.4 mm (47.78" × 26.94" × 4.38")	1211.5 × 682.3 × 112.4mm (47.78" × 26.94" × 4.38")
Frame Width	0.09" (Left/Upper), 0.047" (Right/Lower)	0.09" (Left/Upper), 0.047" (Right/Lower)	0.09" (Left/Upper), 0.047" (Right/Lower)	2.3mm (Left/Upper), 1.2mm (Right/Lower)	0.09" (Left/Upper), 0.047" (Right/Lower)	0.09" (Left/Upper), 0.047" (Right/Lower)	0.035" (Left/Upper), 0.035" (Right/Lower)	0.09" (Left/Upper), 0.047" (Right/Lower)
Physical Seam	3.5 mm (0.14")	3.5 mm (0.14")	1.7mm (0.068")	3.5mm	3.5mm(0.14")	3.5mm(0.14")	1.8mm(0.072")	1.8mm(0.072")

ACCESSORIES

VIDEO WALL CONTROLLER





	DS-C10S-S41/E  NEW	DS-C10S-S22/E  NEW	DS-C10S-S11/E  NEW
Model			
Slot No.	11 (6 × Input, 5 × Output)	22 (12 × input, 10 × output)	41 (23 × input & 18 × output)
Network	10M/100M/1000M self-adaptive Ethernet interface	10M/100M/1000M self-adaptive Ethernet interface	10M/100M/1000M self-adaptive Ethernet interface
USB	1 × USB 2.0 (Reserved)	1 × USB 2.0 (Reserved)	1 × USB 2.0 (Reserved)
RS-232	2	2	2
Input	4 × HDMI interface	4 × HDMI interface	4 × HDMI interface
DVI resolution	1024x768 @ 60 Hz, 1024x768 @ 75 Hz, 1280x720 @ 50 Hz, 1280x720 @ 60 Hz, 1280x1024 @ 60 Hz, 1280x1024 @ 75 Hz, 1366x768 @ 60 Hz, 1400x1050 @ 60 Hz, 1600x1200 @ 60 Hz, 1920x1080 @ 50 Hz, 1920x1080 @ 60 Hz, 1920x1200 @ 60 Hz, 3840x2160 @ 30 Hz (3840x2160 @ 30 Hz is only supported by No. 1 and 3 interfaces.)	1024x768 @ 60 Hz, 1024x768 @ 75 Hz, 1280x720 @ 50 Hz, 1280x720 @ 60 Hz, 1280x1024 @ 60 Hz, 1280x1024 @ 75 Hz, 1366x768 @ 60 Hz, 1400x1050 @ 60 Hz, 1600x1200 @ 60 Hz, 1920x1080 @ 50 Hz, 1920x1080 @ 60 Hz, 1920x1200 @ 60 Hz, 3840x2160 @ 30 Hz (3840x2160 @ 30 Hz is only supported by No. 1 and 3 interfaces.)	1024x768 @ 60 Hz, 1024x768 @ 75 Hz, 1280x720 @ 50 Hz, 1280x720 @ 60 Hz, 1280x1024 @ 60 Hz, 1280x1024 @ 75 Hz, 1366x768 @ 60 Hz, 1400x1050 @ 60 Hz, 1600x1200 @ 60 Hz, 1920x1080 @ 50 Hz, 1920x1080 @ 60 Hz, 1920x1200 @ 60 Hz, 3840x2160 @ 30 Hz (3840x2160 @ 30 Hz is only supported by No. 1 and 3 interfaces.)
Output	4 × DVI interface	4 × DVI interface	4 × DVI interface
DVI resolution	1024 × 768@60 Hz, 1024 × 768@75 Hz, 1360 × 768@60 Hz, 1080p@60 Hz, 1400 × 1050@60 Hz, 1920 × 1200@60 Hz, 720p@60 Hz	1024 × 768@60 Hz, 1024 × 768@75 Hz, 1360 × 768@60 Hz, 1080p@60 Hz, 1400 × 1050@60 Hz, 1920 × 1200@60 Hz, 720p@60 Hz	1024 × 768@60 Hz, 1024 × 768@75 Hz, 1360 × 768@60 Hz, 1080p@60 Hz, 1400 × 1050@60 Hz, 1920 × 1200@60 Hz, 720p@60 Hz
Output	2× HDMI interface	2× HDMI interface	2× HDMI interface
HDMI Resolution	1024x768 @ 60 Hz, 1024x768 @ 75 Hz, 1360x768 @ 60 Hz, 1400x1050 @ 60 Hz, 1920x1200 @ 60 Hz, 720p @ 60 Hz, 1080p @ 60 Hz	1024x768 @ 60 Hz, 1024x768 @ 75 Hz, 1360x768 @ 60 Hz, 1400x1050 @ 60 Hz, 1920x1200 @ 60 Hz, 720p @ 60 Hz, 1080p @ 60 Hz	1024x768 @ 60 Hz, 1024x768 @ 75 Hz, 1360x768 @ 60 Hz, 1400x1050 @ 60 Hz, 1920x1200 @ 60 Hz, 720p @ 60 Hz, 1080p @ 60 Hz
Power Supply	100 to 240 VAC, 50/60Hz A build-in power supply	100 to 240 VAC, 50/60HzBuild-in redundant power supply	100 to 240 VAC, 50/60HzBuild-in redundant power supply
Consumption	≤ 250 W (full-loaded)	≤ 450 W (full-loaded)	≤ 1000 W (full-loaded)
Working Temperature	+0° C to +50° C (+32° F to +122° F)	+0° C to +50° C (+32° F to +122° F)	+0° C to +50° C (+32° F to +122° F)
Working Humidity	10 to 90% (Non-condensing)	10 to 90% (Non-condensing)	10 to 90% (Non-condensing)
Chassis	Standard 4U chassis	Standard 8U chassis	Standard 13U chassis
Dimension (D×H×W)	352 × 177 × 442.4 mm (13.9 × 7 × 17.4 inch)	352 × 354 × 442.4 mm (13.9 × 13.9 × 17.4 inch)	417 × 576.6 × 442.4 mm (16.4 × 22.7 × 17.4 inch)
Weight	≤ 20 kg (full-loaded)	≤ 35 kg (full-loaded)	≤ 50 kg (full-loaded)

MEGAPIXEL AUTO IRIS LENSES


	TV0515D-MPIR	YV2.8x2.8SR4A-SA2	YV3.3x15SR4A-SA2L	DV4x12.5SR4A-SA1	TV2712D-MPIR	TV0550D-MPIR	DV3.8x4SR4A-SA1	DV4X12.5SR4A-SA1L	HV0733D-6MP	HV1140D-8MPIR	HV3816D-8MPIR
Model											
Specifications	1.3 MP, 1/3" imager size, IR, auto iris, 5 to 15 mm, f/1.4, manual zoom, CS mount	3.0 MP, 1/2.7" imager size, auto iris, 2.8 to 8 mm, f/1.3, manual zoom, CS mount	3.0 MP, 1/2.7" imager size, auto iris, 15 to 50 mm, f/1.5, manual zoom, CS mount	5.0 MP, 1/1.8" imager size, auto iris, 12.5 to 50 mm, f/ 1.6, manual zoom, C mount	3.0 MP, 1/2.7" imager, 2.7 to 12 mm, f/1.2, manual zoom, CS mount	3.0 MP, 1/2.7 imager, 5 to 50 mm, f/1.7, manual zoom, CS mount	3.0 MP, 1/1.8 sensor, auto iris, IR, 4 to 15.2 mm, f/1.5, manual zoom, C mount	5.0 MP, 1/1.8 sensor, auto iris, IR, 12.5 to 50 mm, f/1.6, manual zoom, C mount	Lens, 6 MP 1/1.8 sensor, auto iris, 7 to 33 mm, f/0.95, manual zoom, CS Mount	4K, 1/1.8" sensor, auto iris, IR, 11 to 40 mm, f/1.5, manual zoom, CS mount	4K, 1/1.8" sensor, 3.8 to 16 mm, f/1.5, IR, manual zoom, CS mount

ACCESSORIES

PoE UNMANAGED SWITCHES

	DS-3E0105P-E	DS-3E0109P-E	DS-3E0109P-E/M NEW	DS-3E0318P-E
Model				
Ports	4p 10/100 Base-T, 1 uplink 10/100	8p 10/100 Base-T, 1uplink 10/100	8, 10/100Mbps RJ45 ports, 1, 100M Ethernet Uplink Port	16p 10/100 Base-T, 2 uplinks10/100/1000, 2p 1000Mbps SFP
Forwarding	0.74Mpps	1.34Mpps	1.34Mpps	5.36Mpps
Backplane	1Gbps	1.8Gbps	1.8Gbps	7.2Gbps
PoE Budget	58 W	123 W	58 W	135 W
PoE Support	4 ports 802.3af (up to 15.4 W/port) or 2 ports 802.3at (up to 30 W/port)	8 ports 802.3af (up to 15.4 W/port) or 4 ports 802.3at (up to 30 W/port)	Port 1 to Port 8 support standard IEEE802.3at/af power (maximum power for each port is 30W)	16 ports 802.3af (up to 15.4 W/port) or 8 ports 802.3at (up to 30 W/port)
Working Mode	Extend On: 250m, 10Mbps, CAT5e Extend Off: 100m	Extend On: 250m, 10Mbps, CAT5e Extend Off: 100m	Extend On: 250m, 10Mbps, CAT5e Extend Off: 100m	Extend On: 250m, 10Mbps, CAT5e Extend Off: 100m
Standards	Unmanaged, Plug-and-play installation IEEE802.3x full duplex, Optimized packet buffering (2.75M) Optional 250m extended transmission mode (PoE bandwidth reduced to 10Mbps per port by activating)	Unmanaged, Plug-and-play installation IEEE802.3x full duplex, Optimized packet buffering (2.75M) Priority Queue on ports 1-2 (if switch is over capacity, 94 of 100 packets will route first here)	Unmanaged, Plug-and-play installation IEEE802.3x full duplex, Optimized packet buffering (1.25Mb) Priority Queue on ports 1-2 Optional 250m extended transmission mode (PoE bandwidth reduced to 10Mbps per port by activating)	Unmanaged, Plug-and-play installation IEEE802.3x full duplex, Optimized packet buffering (2.75M) Priority Queue on ports 1-4 (if switch is over capacity, 94of100 packets will route first here) Optional 250m extended transmission mode (PoE bandwidth reduced to 10Mbps per port by activating)
Operating Temperature Range	0° C to 40° C	0° C to 40° C	0° C to 40° C	0° C to 40° C
Power Requirements	110 to 240 VAC, 63 W	110 to 240 VAC, 127 W	51V DC,2.5A(≤63W)	100~240 V AC, 50/60 Hz (≤150W)






PoE UNMANAGED SWITCHES

	DS-3E0318P-E/M NEW	DS-3E0326P-E	DS-3E0326P-E/M NEW
Model			
Ports	16*10/100 Base-TX Ethernet ports one 10/100/1000 Base-T Ethernet port and one 10/100/1000 Base-X SFP optical module port	24p 10/100 Base-T, 2 uplinks 10/100/1000, 2p 1000Mbps SFP	24*10/100 Base-TX Ethernet ports one 10/100/1000 Base-T Ethernet port and one 10/100/1000 Base-X SFP optical module port
Forwarding	5.36Mpps	6.55Mpps	6.55Mpps
Backplane	7.2 Gbps	8.8Gbps	8.8 Gbps
PoE Budget	135 W	370W	225 W
PoE Support	Port 1 to Port 16 support IEEE802.3at/af POE standard (maximum power for each port is 30W)	24 ports 802.3af (up to 15.4 W/port) or 12 ports 802.3at (up to 30 W/port)	Port 1 to Port 24 support IEEE802.3at/af POE standard (maximum power for each port is 30W)
Working Mode	Extend On: 250m, 10Mbps, CAT5e Extend Off: 100m	Extend On: 250m, 10Mbps, CAT5e Extend Off: 100m	Extend On: 250m, 10Mbps, CAT5e Extend Off: 100m
Standards	Unmanaged, Plug-and-play installation IEEE802.3x full duplex, Optimized packet buffering (1.25Mb) Priority Queue on ports 1-8 Optional 250m extended transmission mode (PoE bandwidth reduced to 10Mbps per port by activating)	Unmanaged, Plug-and-play installation IEEE802.3x full duplex, Optimized packet buffering (2.75M) Priority Queue on ports 1-4 (if switch is over capacity, 94of100 packets will route first here) Optional 250m extended transmission mode (PoE bandwidth reduced to 10Mbps per port by activating)	Unmanaged, Plug-and-play installation IEEE802.3x full duplex, Optimized packet buffering (2.75Mb) Priority Queue on ports 1-8 Optional 250m extended transmission mode (PoE bandwidth reduced to 10Mbps per port by activating)
Operating Temperature Range	0° C to 40° C	0° C to 40° C	0° C to 40° C
Power Requirements	100~240 V AC, 50/60 Hz(≤150w)	110 to 240 VAC, 440 W	100~240 V AC, 50/60 Hz(≤250w)

ACCESSORIES

PoE WEB-MANAGED ETHERNET SWITCH

POE UNMANAGED ETHERNET SWITCH

	DS-3E1310P-E	DS-3E1318P-E	DS-3E1326P-E	DS-3E0508-E NEW	DS-3E0516-E NEW
Model					
Ports	8p 10/100 Base-T, 1 uplink 10/100	16p 10/100 Base-T, 2 uplinks 10/100/1000, 2p 1000Mbps SFP	24p 10/100 Base-T, 2 uplinks 10/100/1000, 2p 1000Mbps SFP	8*10/100/1000Mbps auto-negotiation RJ45 ports	16*10/100/1000Mbps auto-negotiation RJ45 ports
Forwarding	1.34Mpps	5.36Mpps	6.55Mpps	11.9Mpps	23.8Mpps
Backplane	5.4Gbps	7.2Gbps	8.8Gbps	16 Gbps	32 Gbps
PoE Budget	123W	230W	370W	N/A	N/A
PoE Support	8 ports 802.3af (up to 15.4 W/port) or 4 ports 802.3at (up to 30 W/port)	16 ports 802.3af (up to 15.4 W/port) or 8 ports 802.3at (up to 30 W/port)	24 ports 802.3af (up to 15.4 W/port) or 12 ports 802.3at (up to 30 W/port)	8 x 10/100/1000Mbps auto-negotiation RJ45 ports	16 x 10/100/1000Mbps auto-negotiation RJ45 ports
Standards	Web-managed (Web-managed: VLAN, Port Mirroring, SNMP), Plug-and-play installation IEEE802.3x full duplex Optimized packet buffering (2.75M) Priority Queue on ports 1-2 (if switch is over capacity, 94 of 100 packets will route first here) Optional 250m extended transmission mode (PoE bandwidth reduced to 10Mbps per port by activating)	Web-managed(Web-managed: VLAN, Port Mirroring, SNMP), Plug-and-play installation IEEE802.3x full duplex Optimized packet buffering (2.75M) Priority Queue on ports 1-4 (if switch is over capacity, 94 of 100 packets will route first here) Optional 250m extended transmission mode (PoE bandwidth reduced to 10Mbps per port by activating)	Web-managed (Web-managed: VLAN, Port Mirroring, SNMP), Plug-and-play installation IEEE802.3x full duplex Optimized packet buffering (2.75M) Priority Queue on ports 1-4 (if switch is over capacity, 94 of 100 packets will route first here) Optional 250m extended transmission mode (PoE bandwidth reduced to 10Mbps per port by activating)	Unmanaged, Plug-and-play installation IEEE802.3x full duplex	Unmanaged, Plug-and-play installation IEEE802.3x full duplex
Operating Temperature Range	0° C to 40° C	0° C to 40° C	0° C to 40° C	0° C to 40° C	0° C to 40° C
Power Requirements	100 to 240 VAC, 127 W	110 to 240 VAC, 250 W	110 to 240 VAC, 440 W	Input: 100-240 V AC, 50/60 Hz, 0.3 A Output: 9 V DC, 1 A (≤5.5w)	Input: 100-240 V AC, 50/60 Hz(≤12w)

PoE UNMANAGED SWITCHES

FULL MANAGED ETHERNET SWITCH

	DS-3E0524-E NEW	DS-3E2310P NEW	DS-3E2318P NEW	DS-3E2326P NEW
Model				
Ports	24*10/100/1000Mbps auto-negotiation RJ45 ports	8 100M Base-T ports+2 GB combo ports	16 100M Base-T ports + 2 GB combo ports	24 100M Base-T ports + 2 GB combo ports
Forwarding	35.7Mpps	5.6Mpps	8.4Mpps	9.6Mpps
Backplane	48 Gbps	10 Gbps	21.2 Gbps	22.8 Gbps
PoE Budget	N/A	125W	300W	POE 380W
PoE Support	24 10/100/1000Mbps auto-negotiation RJ45 ports	Port 1 to Port 8 support standard IEEE802.3at/af power (maximum power for each port is 30W)	Port 1 to Port 16 support IEEE802.3at/af POE standard (maximum power for each port is 30W)	Port 1 to Port 24 support IEEE802.3at/af POE standard (maximum power for each port is 30W)
Standards	Unmanaged, Plug-and-play installation IEEE802.3x full duplex	Full Managed, IEEE 802.1D STP, IEEE 802.1w RSTP, IEEE 802.1s MSTP, Port-based VLAN, 802.1Q tag VLAN, GVRP dynamic VLAN configuration. IGMP snooping, Static/LACP link aggregation EAPS and ERPS IEEE 802.1x port-based user authentication Port Security	Full Managed, IEEE 802.1D STP, IEEE 802.1w RSTP, IEEE 802.1s MSTP, Port-based VLAN, 802.1Q tag VLAN, GVRP dynamic VLAN configuration. IGMP snooping, Static/LACP link aggregation EAPS and ERPS IEEE 802.1x port-based user authentication Port Security	Full Managed, IEEE 802.1D STP, IEEE 802.1w RSTP, IEEE 802.1s MSTP, Port-based VLAN, 802.1Q tag VLAN, GVRP dynamic VLAN configuration. IGMP snooping, Static/LACP link aggregation EAPS and ERPS IEEE 802.1x port-based user authentication Port Security
Operating Temperature Range	0° C to 40° C	0° C to 50° C	0° C to 50° C	0° C to 50° C
Power Requirements	Input: 100-240 V AC, 50/60 Hz(≤18w)	AC: 100V-240V, 50Hz±10% (<15W)	AC: 100V-240V, 50Hz±10% (<15W)	AC: 100V-240V, 50Hz±10% (<15W)



ACCESSORIES

STORAGE PRODUCTS





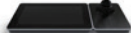
	DS-A81016S	DS-A82024D	DS-A80624S
Model			
Controller/Processor	Single, 64-bit multi-core processor	Double, 64-bit multi-core processor	Single, 64-bit multi-core processor
High-speed buffer	4 to 32 GB	8 GB Per Controller (Can be expanded to 32G)	4 to 32 GB
Video Input/Output	IPSAN:180-ch (2Mbps) Hybrid SAN:320-ch (2Mbps)	IPSAN: 256-ch (2 Mbps) CVR:448-ch (2 Mbps)	IPSAN:180-ch (2Mbps) Hybrid SAN:320-ch (2Mbps)
HDD slot	16	24	24
HDD interface	SATA /1TB,2TB,3TB,4TB, 6TB	SAS / 1 TB, 2 TB, 3 TB, 4 TB, 6 TB (SSD is optional)	SATA/1TB, 2TB, 3TB, 4TB, 6TB
Hot-swap disk	Supported	Supported	Supported
RAID level	RAID 0, 1, 3, 5, 6,10,50, VRAID, JBOD, Hot-Spare	RAID 0, 1, 3, 5, 6,10,50, JBOD, Hot-Spare	RAID 0, 1, 3, 5, 6, 10, 50, VRAID, JBOD, Hot-Spare
Disk management	S.M.A.R.T. (Self-Monitoring, Analysis and Reporting Technology)	S.M.A.R.T. (Self-Monitoring, Analysis and Reporting Technology)	S.M.A.R.T. ((Self-Monitoring, Analysis and Reporting Technology)
LUN management	iSCSI Volume, Record Volume	iSCSI Volume, Record Volume	iSCSI Volume, Record Volume
Data protection	Real-time backup of system information	Real-time backup of system information	Real-time backup of system information, LUN clone
Recording type	Continuous/Manual / Main and Sub Stream/ Motion /Sensor, etc.	Continuous/Manual / Main and Sub Stream/ Motion /Sensor, etc.	Continuous/Manual / Main and Sub Stream/ Motion /Sensor, etc.
Recording backup	Localbackup; Remote backup	Localbackup; Remote backup	Localbackup; Remote backup
Recording protection	Lock key video file for protection, N+1 hot spare system, ANR,video loss alarm	Lock key video file for protection, N+1 hot spare system, ANR,video loss alarm	Lock key video file for protection, N+1 hot spare system, ANR,video loss alarm
Search mode	By time / type	By time / type	By time / type
Download mode	Quick download, batch download, segment download, merging download	Quick download, batch download, segment download, merging download	Quick download, batch download, segment download, merging download
Device Management method	Web-based GUI, CLI serial port, integrated management of multiple units	Web-based GUI, CLI serial port, integrated management of multiple units	Web-based GUI, CLI serial port, integrated management of multiple units
Alarm type	Sound, Flash LED, Email, SMS, Warning on device management page	Sound, Flash LED, Email, SMS, Warning on device management page	Sound, Flash LED, Email, SMS,Warning on device management page
Log download	Remotebackup via web browsing	Remotebackup via web browsing	Remotebackup via web browsing
Network Protocol	RTSP / ONVIF / PSIA / iSCSI	RTSP / ONVIF / PSIA / iSCSI	RTSP / ONVIF / PSIA / iSCSI
External data port	3×1000M Ethernet interface	4×1000M self-adaptive Ethernet interface	3×1000M Ethernet interface
Management port	3×1000M Ethernet interface	1×100M self-adaptive Ethernet interface	3×1000M Ethernet interface
SAS expansion port	1 (6 Gbps)	1 (6 Gbps)	1 (6Gbps)
COM interface	1	2 (1 for hyper terminal and 1 for mobile phone alarm/UPS)	1
USB interface	2	2	2
Power Supply	Redundant	Redundant	Redundant
Power consumption	Working Consumption: ≤ 221 (with HDD)	Working Consumption: ≤ 507 (with HDD)	Working Consumption: ≤ 330 (with HDD)
Temperature	Rating Power Consumption: ≤550W	Rating Power Consumption: ≤800W	Rating Power Consumption: ≤800W

ACCESSORIES

STORAGE EXPANSION

	DS-AJ7824S NEW	DS-AJ7824D NEW
Model		
Controller	Single	Double
SASInterface (Upper-level)	1(12Gbps)	1(12Gbps)
SASInterface (Lower-level)	1(12Gbps)	1(12Gbps)
HDDInterfaces	24	24
HDD Interface Type	SATA	SAS
Hot Swap HDD	Support	Support
Power	Redundant	Redundant
ApplicableModels	DS-A81016S,DS-A80624S	DS-A82024D
Power Consumption	Working: ≤ 358 W Rated: ≤ 800 W	Working: ≤ 390 W Rated: ≤ 800 W
Working Temperature	Working: +5 °C to +40 °C (41 °F to 104 °F) Storing: -40 °C to +55 °C (-40 °F to 131 °F)	Working: +5 °C to +40 °C (41 °F to 104 °F) Storing: -40 °C to +55 °C (-40 °F to 131 °F)
Chassis	4U	4U

KEYBOARDS

	DS-1005KI	DS-1006KI	DS-1100KI NEW	DS-1200KI NEW	DS-1600KI NEW
Model					
RS-485	No	Yes	Yes	Yes	Yes
USB	Yes	Yes	Yes	Yes	Yes
Interface Port	USB 2.0	RS-232, RS-422, RS-485, USB 2.0	Network, RS-232, RS-485,USB 2.0	USB 2.0	USB 2.0 x2
Control	Serial	Serial	Network	Serial	Touchscreen
Audio	N/A	N/A	1-ch Line In 1-ch Audio Out	N/A	Yes
Decoding	N/A	N/A	1-ch @ 1080p	Yes	Yes
LCD Screen	N/A	128 x 64 pixel	800 x 480 pixel	Yes	Yes
Joystick	3-Axis	4-Axis	4-Axis	4-axis	
Resolution	N/A	N/A	1920x1080	N/A	N/A
Network	N/A	N/A	10M/100M/1000M Ethernet interface	N/A	Wireless
Power Requirements	5 VDC via USB (≤5 W)	12V DC (<4.5W)	12 VDC(≤ 15 W)	12V DC, 12.5W	12VDC, 15W, PoE





ACCESSORIES

CAT5E CABLE

CAT6 CABLE

MICROPHONE

	DS-1LN5EU-B(W)/CMR	DS-1LN5EU-B(W)/CMP	DS-1LN6U-B(W)/CMP	DS-1LN6U-B(W)/CMR
Model				
Cable Type	CAT5E	CAT5E	CAT6	CAT6
Fireproof Grade	CMR	CMP	CMR	CMR
Material/Copper Content	Solid-Bare Copper/99.97%	Solid-Bare Copper/99.97%	Solid-Bare Copper/99.97%	Solid-Bare Copper/99.97%
Insulation Material	FEP	HDPE	FEP	HDPE
Sheath Material	PVC(complies RoHS), CMR	PVC(complies RoHS), CMP	PVC(complies RoHS), CMP	PVC(complies RoHS), CMR
Color	White	White	White	White
Ambient temperature	-20° C to 75° C	-20° C to 75° C	-20° C to 75° C	-20° C to 75° C
Length	1000' pull box	1000' pull box	1000' pull box	1000' pull box
Certification	UL, CMR	UL, CMP	UL, CMR	UL, CMP












	DS-2FP2020 NEW	DS-2FP4021-B NEW
Model		
Type	HiFi Microphone	Digital Noise Reduction Microphone
Frequency Response	20Hz~20KHz	100Hz~16KHz
Pickup Range/Direction	70 m2 / 360°	60 m2 / 360°
Signal:Noise	60dB	75dB
Dynamic Range	70dB	85dB
Output Impedance	600 ohm unbalanced	600 ohm unbalanced
Connections	3 wires (Power, Audio out, GND)	3 wires (Power, Audio out, GND)
Construction	PVC	Aluminum alloy
Dimensions	Φ78mm×28mm	Φ64mm×20mm
Power Requirements (max.)	12VDC / 25mA	12VDC / 45mA

ETHERNET OVER COAX

	DS-1H05-T	DS-1H05-R
Model		
Input Interface	RJ-45 interface and BNC	BNC
Output Interface	BNC	RJ-45 Interface and BNC
Maximum Bandwidth (Mbps)	36 (downstream)	11 (upstream)
Distance	Up to 1,500 feet with RG6/U cable	Up to 1,500 feet with RG6/U cable
Dimensions	80 x 96 x 27 mm	80 x 96 x 27 mm
Operating Conditions (max.)	-10° C to +55° C	-10° C to +55° C
Power Requirements (max.)	12V DC, PSU included, 5 W (does not power camera)	12V DC, PSU included, 5 W (does not power camera)

ACCESSORIES

SURVEILLANCE GRADE HARD DRIVES

	HK-HDD1T	HK-HDD2T	HK-HDD3T	HK-HDD4T	HK-HDD6T	HK-HDD8T	HK-HDD1T-E	HK-HDD2T-E	HK-HDD3T-E	HK-HDD4T-E	HK-HDD6T-E
Model											
Capacity	1 TB	2 TB	3 TB	4 TB	6 TB	8 TB	1 TB	2 TB	3 TB	4 TB	6 TB
Interface	SATA	SATA	SATA	SATA	SATA	SATA	SATA 6 Gb/sec.	SATA 6 Gb/sec.	SATA 6 Gb/sec.	SATA 6 Gb/sec.	SATA 6 Gb/sec.
Classification	Audio/Video	Audio/Video	Audio/Video	Audio/Video	Audio/Video	Audio/Video	Audio/Video	Audio/Video	Audio/Video	Audio/Video	Audio/Video
Operation	24/7 continuous	24/7 continuous	24/7 continuous	24/7 continuous	24/7 continuous	24/7 continuous	24/7 continuous	24/7 continuous	24/7 continuous	24/7 continuous	24/7 continuous

ENTERPRISE HARD DRIVES

HDD FOR STORAGE PRODUCTS

DVD-RW

MICRO SD CARD

HD-TVI MONITOR

HD-TVI CONVERTER

BALUN

	HDD-SAS4T	HDD-SAS6T	HIK-DVDRW	HS-TF-H11(STD)/32G	HS-TF-H11(STD)/64G	DS-TT-X41T	DS-1H33	DS-1H18
Model								
Description	4 TB HDD for DS-A82024D, DS-AJ6824D	6 TB HDD for DS-A82024D, DS-AJ6824D	DVD-RW option for NVR and DVR	32 GB uSD	64 GB uSD	Multifunction Video Tester, test a variety of video signals, including TurboHD, HDMI, CVBS, and VGA.	Converter from HD-TVI video signal to HDMI signal	Unshielded twisted pair (UTP) Baluns

PTZ BRACKETS

	WMP-S	WMP-L	CMP	PMP	JBPW-L	CMP-JB	PMP-JB	PMPL	CMPL	CPM-S	CPM-L	CPM-FE	CPM-FEE	CPMPE	PMP-V	RPM	JBPW-L-G
Model																	
Description	Short wall mount for 4" PTZ	Wall Mount PTZ-Long	Corner Mount for WMP-L and WMP-S	Pole Mount for WMP-L and WMP-S	PTZ Junction box with wall bracket	Corner Mount for JBPW-L	Pole Mount for JBPW-L	Pole Mount Large (for JBP-W)	Corner Mount Large (for JBP-W)	Ceiling Pendant Mount-Short	Ceiling Pendant Mount-Long	Ceiling Pendant Mount-Fisheye Cameras	Ceiling Pendant Mount-Fisheye Cameras (Extendable)	Ceiling Pendant Mount, extension pipe 1.5" diameter	Horizontal Pole Mount for CPM-S/L	Roof Parapet Mount	PTZ Junction box with wall bracket (gray)

*PTZ brackets are for series; DS-2AE5xxx; DS-2AE7xxx; DS-2DE4xxx; DS-2DE5xxx; DS-2DE6xxx; DS-2DE7xxx; DS-2DF5xxx; DS-2DF6xxx; DS-2DF8xxx

PTZ BRACKETS

STAINLESS STEEL BRACKETS

CAMERA HOUSING

	CMP-JB-G	PMP-JB-G	CPM-S-G	CPM-L-G	CPMPE-G	PMP-V-G	RPM-G	WBPT-S	WBPT	WMP-SS	CPM-SS	WMS-SS	JBM-SS	WB-XC	CHB	CHB-HBW	CHB-HB
Model																	
Description	Corner Mount for JBPW-L-G (gray)	Pole Mount for JBPW-L-G (gray)	Short Ceiling Pendant Mount (gray)	Long Ceiling Pendant Mount-Long	Ceiling Pendant Mount, extension pipe 1.5" diameter (gray)	Vertical Pole Mount for CPM-S/L (gray)	Roof Parapet Mount (gray)	Wall Mount for DS-2DY9xxx Series Upright PTZs	Wall Mount for DS-2DY9xxx Series Upright PTZs	Pendant Wall Mount for DS-2DT6223-AELY	Pendant Ceiling Mount for DS-2DT6223-AELY	Pendant Wall Mount for DS-2CD6626DS-IZHS	Medium Junction Box	Wall Bracket for XC Series SS Dome	Camera Housing with Bracket	Camera Housing with Bracket, Heater, Blower, Wiper	Camera Housing with Bracket, Heater, Blower

*PTZ brackets are for series; DS-2AE5xxx; DS-2AE7xxx; DS-2DE4xxx; DS-2DE5xxx; DS-2DE6xxx; DS-2DE7xxx; DS-2DF5xxx; DS-2DF6xxx; DS-2DF8xxx



ACCESSORIES

BOX CAMERA BRACKETS

UNIVERSAL BRACKET FOR PENDANT CAPS

SUN/RAIN SHIELD

	WBS	WBL	PP1	PP2	CPM	CPME	WMS*	WML	PM	PM1	CM	CM1	SRS*	SRSM	SBSL
Model							 *Black model WMSB						 *Black model SRSB		
Description	Suitable for box camera, wall Mount	Suitable for box camera and housing, wall mount	Pendant Mount extendable (80") - For Box and Fisheye 1/4 20 mount	Pendant Mount 8" - For Box and Fisheye 1/4 20 mount	Camera Ceiling Pendant Mount	Camera Ceiling Pendant Mount, Extension Pipe 1" diameter	Short Wall Mount, junction box	Long Wall Mount, junction box	Pole Mount Adapter	Pole Mount Adaptor for DS-2CD26x5/27x5FWD cameras	Corner Mount Adapter	Corner Mount Adaptor for DS-2CD26x5/27x5FWD cameras	Wall mount dome rain and sun protection	Medium for outdoor dome rain and sun protection	Large for outdoor dome rain and sun protection

DVR/NVR

CAMERA BRACKETS

	WMR*	PC110*	PC110T*	PC120*	PC130*	PC130T*	PC135*	PC135H	PC140*	PC140PT	PC155	PC160	PC165	PC210	PC-DE4A	PC-FE
Model		 *Black model PC110B	 *Black model PC110TB	 *Black model PC120B	 *Black model PC130B	 *Black model PC130TB	 *Black model PC135B	 NEW	 *Black model PC140B						 NEW	
Description	Wall Mounted Bracket for DVR/ NVR	110 mm Pendant Cap	110TRS Pendant Cap	120 mm Pendant Cap	130 mm Pendant Cap	130TRL Pendant Cap	135 mm Pendant Cap	135 mm Pendant Cap for 2Hx5FWD cameras	140 mm Pendant Cap	140 mm Pendant Cap for DS-2DE3304W-DE	155 mm Pendant Cap Adaptor * Compatible with PC130T	160 mm Pendant Cap	165 mm Pendant Cap	210 mm Pendant Cap for DS-2CD6986F-H	Pendant Cap for DE4A Series PTZs	Pendant Cap for fisheye

Compatible with WMS and WML

Compatible with WML

*Wall Mounted Bracket for DVR/NVR is compatible with DS-7608NI-E2/8P and DS-7616NI-E2/16P

CAMERA BRACKETS

	CB110*	CB-130	CB135*	CB140PT	CB165	CB-DE4A	CB-FE	CBM*	CBS*	CBXS*	CBT-1	AB110*	AB135*
Model	 *Black model CB110B		 *Black model CB135B			 NEW		 *Black model CBMB	 *Black model CBSB	 *Black model CBSXB		 *Black model AB110B	 *Black model AB135B
Description	Conduit Base	Conduit Base	Conduit Base	Conduit Base for DS-2DE3304W-DE	Conduit Base	Conduit Box for DE4A Series PTZs	Conduit base for Fisheye	Conduit Base	Conduit Base	Conduit Base	Conduit Base	15° Angled Base	15° Angled Base

*Recessed ceiling mount for DS-2DE3304W-DE

CAMERA BRACKETS

	AB-FE	AB-FE2	AB-FE45*	ABS*	ABM	RCM-1*	RCM-2*	RCM-3*	RCM-4	RCM-DE4A	WM-C	WM110*	WM6810	GP100
Model				 *Black model ABS B		 *Black model RCM-1B	 *Black model RCM-2B	 *Black model RCM-3B		 NEW		 *Black model WM110B	 NEW	
Description	15° Angled Base for Fisheye	15° Angled Base for Fisheye	45° Angled Base for Fisheye	15° Angled Base DEGREE	15° Angled Base DEGREE	Recessed ceiling mount	Recessed ceiling mount	Recessed ceiling mount	Recessed ceiling mount*	Recessed Ceiling Mount for DE4A Series PTZs	Wall Mount Compact	Plastic Wall Mount	Wall Mount for iDS-2CD6810F/C	Single Gang Plate

*Recessed ceiling mount for DS-2DE3304W-DE

BRACKET CHART

Camera Model	PENDANT CAP											CONDUIT BASE							ANGLED BASE							RECESSED CEILING MOUNT				WALL MOUNT		SUN/RAIN SHADE			GP																																
	PC110	PC110T	PC120	PC130	PC130T	PC135	PC135H	PC140	PC140PT	PC155	PC160	PC210	PC-FE	PC165	CB110	CB130	CB130T	CB135	CB140PT	CB165	CB-FE	CBM	CBS	CBXS	CBT-1	AB110	AB135	AB165	AB-FE	AB-FE2	AB-FE45	ABM	ABS	RCM-1	RCM-2	RCM-3	RCM-4	WM-C	WM110	SRS	SRSL	SRSM	GP100																								
DS-2CE56D8T-AVPIT3Z*							●																												●													●	●																		
DS-2CE56D8T-AITZ				●																																●												●	●																		
DS-2CE16D8T-IT																								●																																											
DS-2CE16D8T-IT3																								●																																											
DS-2CE16D8T-IT5																								●																																											
DS-2CE16D8T-AIT3Z																							●																																												
DS-2CE56D8T-ITM*		●																						●																																											
DS-2CE56D8T-IT3					●																	●											●																																		
DS-2CE56D8T-IT3Z					●																	●											●																																		
DS-2CE56H5T-IT3E																							●																																												
DS-2CE56H5T-IT3ZE*					●																	●											●																																		
DS-2CE56H5T-ITME*		●																						●																																											
DS-2CE16H5T-ITE																								●																																											
DS-2CE16H5T-IT3E																								●																																											
DS-2CE16H5T-IT5E																								●																																											
DS-2CE56H5T-VPITE*	●														●											●																				●				●	●																
DS-2CE56H5T-VPIT3ZE							●																													●												●	●																		

*Includes CB130 conduit base
GP = Gang Plate

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VIDEO MANAGEMENT CLIENT SOFTWARE & HIKCONNECT

iVMS-4200 CLIENT SOFTWARE (WINDOWS AND MAC COMPATIBLE) – NO LICENSING FEE!

Live View	Support up to 4 output screens, recommend maximum of 32 live views
Encoding Device	Up to 256 encoded devices
Decoding Device	Up to 64 decoding devices
Imported Camera	Up to 1024 imported cameras
Camera Group	Up to 256 camera groups, with 64 maximum cameras in one group
Storage Server	Up to 16 storage servers, each server's recording performance is 64*2 Mbps
Stream Media Server	Up to 16 stream media servers, each server is with incoming connections of 64*2 Mbps and outgoing connections of 200*2 Mbps
Playback	16 channel playback. For best performance, 1 to 4 cameras at a time are recommended for remote playback
Download	Up to 16 simultaneous download tasks
User	Up to 51 users
System Log	Configurable, 1 to 6 months
Map	Supports PNG, BMP, and JPEG images. Nested maps supported.
PTZ	Control, presets, patrols, patterns supported
Device Search	Supports Search Activated Device Protocol (SADP)
Device Configuration	Supports remote programming and configuration of any connected device. Features Add Device Wizard.
Minimum Server System Requirements	Windows 2003/Windows 7/ Windows 8/ Windows 8.1 / Windows Server 2008 (32-bit or 64-bit), Windows Server 2008 R2 / Windows Server 2012 (64-bit)



iVMS-4500 MOBILE CLIENT APPLICATION FOR SMARTPHONES AND TABLETS

Mobile client software can be used to monitor the live video remotely from embedded hybrid DVR, NVR, DVR recorders, IP camera, IP speed dome or DVS/encoder via wireless network.

Number of Devices	100 device addresses
Live View	iPhone/Android Phone: 16 cameras
Remote Playback	iPhone/Android Phone/Windows Phone: 1-ch playback; iPad/Android Tablet: up to 4-ch
Configurable Image Quality	Clear, balanced, fluent, and customized
Frame Rate	Up to 25/30 fps (dependant on device and network)
Resolution	Up to 1080p
Stream Type	Video and audio
PTZ Control	Pan, tilt, zoom
Snapshot	Snapshot and video recording in Live View
Compatible Devices	Apple iOS (iPhone/iPad) ¹ Android (1.6 or higher) ² Windows Mobile ³

¹iPhone/iPad app must be acquired from the iTunes App Store.

²Android app can be obtained at the Android Market or www.hikvision.com.

³Windows Phone 8 app must be acquired from the Windows Store.

HIKCONNECT P2P AND DDNS PLATFORM AND MOBILE APPS

HikConnect is a remote access platform and mobile app that is designed to allow quick set up of your security cameras for remote viewing via the internet on a smart phone, tablet, desktop PC, or web browser.

Feature	HikConnect P2P service	HikConnect DDNS service
Require HikConnect Account(s)	Yes	Yes
Port Forwarding* Required	No	Yes
Remote Configuration Permissions	1 Account	Multiple Accounts
Dual Authentication (HikConnect and Device)	No	Yes
Maximum Continuous Live Viewing per Camera	5 min	Unlimited
Number of Simultaneous Playback Streams	1	4
Ability to Connect via Internet Explorer Web Browser	No	Yes



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