



FOCUSED ON YOUR SUCCESS

PRODUCT GUIDE | SUMMER 2021

HIKVISION®

“Solutions for a Changing
Business Environment”



About Hikvision

We aim to meet the needs of a changing world by harnessing the power of our technological innovations and our team, while helping you protect your employees, customers and assets, especially during this challenging time.

In this catalog, you'll find some of our most popular and well-known product lines and solutions such as our Smart Pro IP Cameras, deep learning technology that fuels accurate video content analytics, thermal technology made affordable, and more.

We're committed to delivering high-quality, innovative solutions with a best-in-class sales and support team that is focused on your success. Hikvision's extensive and diverse North American team consists of professionals across the U.S. and Canada to provide local and national support.

As you peruse the catalog, remember that we are here to partner with you to support business success with solutions that go beyond security. Let us know how we can help.

2nd Gen Acusense PCI Series Performance IP Camera

Hikvision's 2nd Gen AcuSense PCI Series Cameras. Offering enhanced hardware and mounting, the PCI series is easier to install, is waterproof, and features new Motion Detection that works in conjunction with human and vehicle filtering.

The PCI series enhances accuracy and reduces false alarm notifications, helping to save you time and money on incident response. With new audio and visual notifications, 2nd Gen AcuSense provides real-time active deterrence from crime, intruders and unwanted behavior.

Strobe Light and Customizable Audio Warning, Monitor and Deter In Real Time - reduces the risk that an intrusion event will occur. Audio volume and strobe light brightness are adjustable and can be adapted to the environment. (SL models only)

Easy Configuration - easily and quickly enable a video analysis rule to start enjoying the simplicity and effectiveness of AcuSense performance.



FEATURES

Low-Light Technology: Ultra-low Light "Powered by DarkFighter" Technology Delivers Brighter Colors and Clear Detail at Night

Cloud Storage: Camera-Accessible Cloud Options to Store Video on the Cloud with Greater Flexibility and Low Operating Costs

False Alarm Reduction: Effectively Reduces False Alarms, Increases Productivity and Enhances Operational Efficiency.
More Accurate Property Perimeter Protection - 2nd Gen AcuSense accurately senses and distinguishes human and vehicle movements from other moving objects, reducing false alarms. Security staff receives more accurate alarm data to evaluate, enabling more efficient responses to incidents and reducing unnecessary responses to false alarms and unimportant events.

Quick Target Search: Enables staff to automatically identify footage of people and vehicles, eliminating the high costs of manual searches of video footage

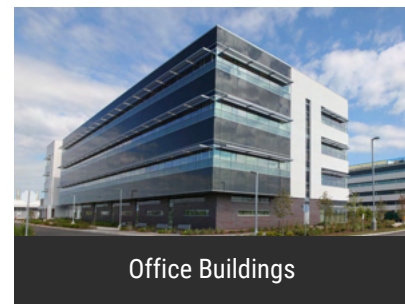
Easy Configuration: Easily and quickly enable a video analysis rule to start enjoying the simplicity and effectiveness of AcuSense performance.



Residential / Gated Communities



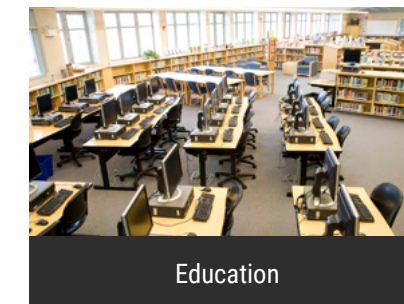
Retail Stores / QSR



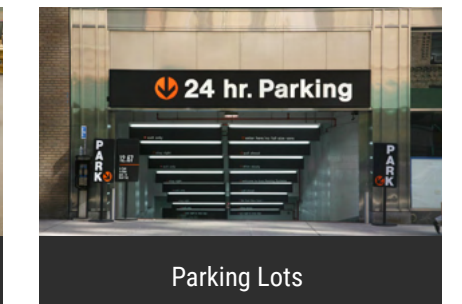
Office Buildings



Warehouses and Factories



Education



Parking Lots

ColorVu



Hikvision ColorVu imaging technology provides vivid images and video around the clock, even in zero-light environments, by using a high-performance sensor, a large iris, and gentle supplemental lighting.

Darkness provides cover for theft, trespassing, and other crimes. When incidents occur at night, conventional cameras without supplemental lighting miss or lose critical details. Infrared illumination brings out more details in nighttime lighting conditions, however, it provides only black and white images. Colors missing from the footage makes it difficult to provide a positive identification.

With ColorVu cameras, the true color of a person's clothing or the color of a vehicle will be clearly visible in live viewing mode and in recorded video footage—during daytime, nighttime, and poor lighting conditions.



DS-2CD2087G2-L

DS-2CD2147G2-SU

FEATURES

- Clear, full color images—day and night—with brilliant detail and clarity for more rapid identification of humans or vehicles.
- Improved safety for employees and customers walking in poorly lit areas at all times of day and night.
- Illuminates darkened walkways within cities, buildings, or on campuses.
- Around the clock, it reduces risk and enhances details when reviewing footage after an incident.
- AcuSense is a cost-effective technology (G2 version camera) that can accurately sense human and vehicle movement versus non-human objects such as rain, animals and leaves, greatly reducing false alarms.
- Video files are pre-sorted into “Human Files” or “Vehicle Files,” making it easy to access the video clip you want using these categories and time or location.

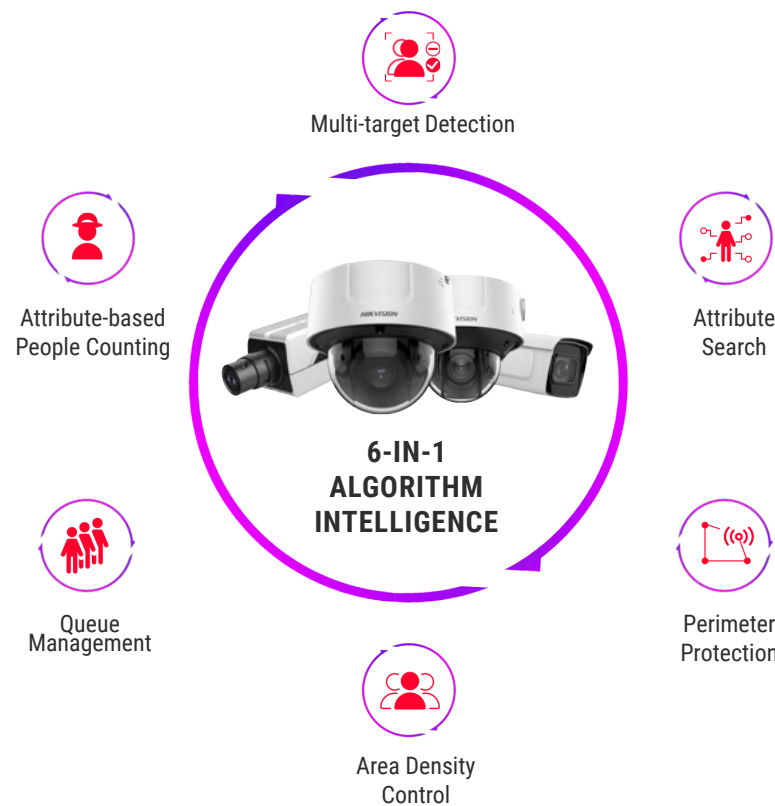
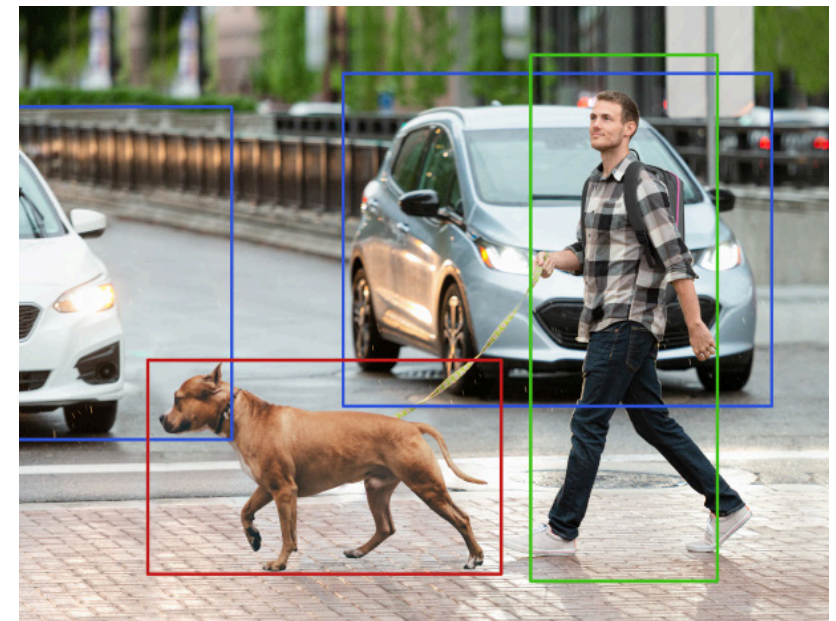
DeepinView Cameras

Hikvision's second generation DeepinView camera line features our latest AI video analytics and Deep Learning technology. The camera is equipped to detect multiple attributes such as clothing color and accessories with exceptional accuracy.

It can detect and provide automatic alerts for unusual activities in a crowded scene, reducing false alarms by more than 95 percent. DeepinView cameras have a powerful 6-in-1 switchable Deep Learning algorithm in one camera housing that provides detailed and valuable business and operational insights. This helps users quickly locate critical information and video evidence to take immediate action.

The cameras are also equipped with DarkFighter technology for clear images in low lighting conditions. The cameras also feature EXIR 2.0, H265+ video compression technology, support for metadata, five video streams, and up to five custom streams for easy third-party integration.

Seamless streaming improves video quality across varying network conditions. The "-Y" models come equipped with anti-corrosion coating and are NEMA 4x rated for added protection from corrosion and weather elements.



KEY FEATURES

Classifies Target Objects & Performs Attribute Search:

DeepinView Series Cameras can detect multiple type of objects such as a person, a vehicle and license plates. Up to 15 different attributes can be quickly searched and identified, such as clothing color, age, and whether a person is wearing glasses or carrying an object. DeepinView cameras are fully supported by HikCentral Professional VMS to ensure effective video forensic search, while protecting individual privacy, to reduce incident response time and the cost of resolving investigations.

Exceptional False Alarm Reduction, Improved Alarm Monitoring Accuracy and Operational Efficiency:

Improved DeepinView AI algorithms greatly reduce false alarms by more than 95 percent. The camera can detect human and vehicle overlapping and multiple targets overlapping. It also precisely detects a human with the detection bonding box, excluding the broader range of a human shadow. Set parameters to monitor specific areas more easily with alarms triggered by human only, vehicle only, or human and vehicle.

ePTZ Auto Tracking:

Auto tracking of people or vehicles as it moves through the detection area via ePTZ, displays more details of targeted objects under limited bandwidth, and hardly misses any critical moment video footage. It also saves storage space by only storing video clips of important, tracked objects.

Queue Management:

DeepinView can detect the number of people waiting in line and the wait time for each individual, helping businesses better understand customer wait times, optimize staff levels, and enhance customer experience and satisfaction.

Attribute-Based People Counting and Area Density Control:

Supports people counting when individuals enter and exit a specified area within a certain timeframe. The camera sends a threshold alarm if people density exceeds the predetermined threshold, alerting businesses to reduce occupancy to comply with social distancing and other safety requirements.

Hard Hat Detection:

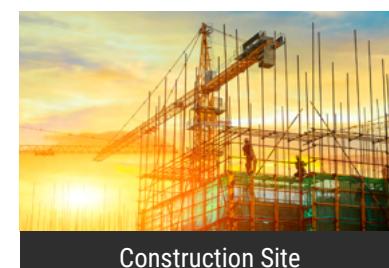
Enhance compliance and mitigate risk by identifying workers on a construction or other site that are wearing a hard hat. The cameras precisely detect and identify those individuals wearing a hard hat with those that are not to help maintain compliance and safety.



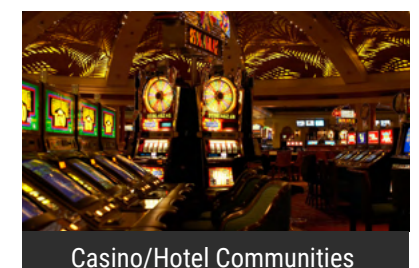
Retail / Shopping Center



Commercial



Construction Site



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HikCentral Professional VMS

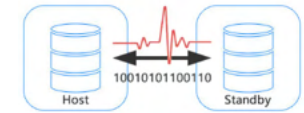
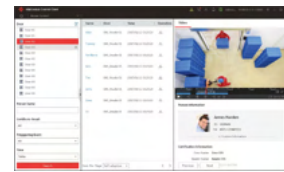
HikCentral Professional, Hikvision's software platform for integrating and managing security systems, is designed to meet a variety of security challenges in one place. On the platform, you can manage individual systems such as video security, access control, security alarms, and more, as well as explore cross-system functionalities. While facilitating protection of people and property, it makes daily operations more efficient and helps users of all kinds to make smarter decisions.



FEATURES

- Active Directory Integration with LDAP
- Powerful Video Search and Playback
- Temperature Screening
- Density Control by People Counting
- Visual Tracking
- Intuitive Fisheye View Expansion and PTZ Controls
- Centralized Evidence Management
- Low Bandwidth Adaptability
- Powerful Map Integration
- Access Control Management
- Visitor Management
- Video Intercom Management
- Intrusion Radar Management
- Dock Station Management
- Dynamic Smart Walls with Graphics Cards and Decoding Devices
- License Plate Recognition Management
- Under Vehicle Surveillance System (UVSS)
- Device Maintenance with Batch Upgrading
- Health Monitoring and Audit Trail Assist Maintenance
- Automated Event, Alarm and Business Intelligence Reports
- Third-Party Integration with OpenSDK or HikCentral Optimus Middleware

HIKCENTRAL PROFESSIONAL 2.0.2



MODEL	HikCentral-P-Unified-Bundle HikCentral-VSS-Base/64Ch HikCentral-VSS-Base/300Ch HikCentral-VSS-Base/HW/64Ch (w/ server) HikCentral-VSS-Base/HW/300Ch (w/ server)	HikCentral-ACS-Base/2Door HikCentral-ACS-Base/16Door	HikCentral-VideoIntercom-Base	HikCentral-RSM-Base/2Site HikCentral-RSM-Base/HW/E3/2Site (w/ server)	RoseReplicatorPlus For Windows(USBKEY1) RoseReplicatorPlus For Windows(USBKEY3)
PRODUCT TYPE	Software License /HW: Includes Server	Software License	Software License	Software License /E3: Includes Server	High Availability Software
LICENSE TYPE	Video Surveillance System Base	Access Control System Base	Software License	Remote Site Management Base	USB Key
FUNCTION	Central Management of Video Surveillance Systems	Central Management of Access Control Systems	Central Management of Video Intercom	Central Management of Multiple HikCentral Servers	Ensure System Availability
SERVER SPECIFICATIONS	Software: None (Requires server or VM) Microsoft® Windows Server 2019, Intel® Xeon® E2124, 16GB DDR4, 1TBx2 in RAID 1, 1GbE×2, 1U, 2-year Platinum Service	None (Requires server or VM)	None (Expansion license on Video Surveillance System Base / Access Control System Base)	Software: None (Requires server or VM) Microsoft® Windows Server 2016, Intel® Xeon® E2124, 16GB DDR4, 1TBx2 in RAID 1, 1GbE×2, 1U, 2-year Platinum Dell Service	None (Use on HikCentral servers)
LICENSED DEVICES	Bundle: 32 Cameras + 4 Access Point (/HW)/64Ch: 64 Cameras (/HW)/300Ch: 300 Cameras	/2Door: 2 Access Points /16Door: 16 Access Points	2 Intercom outdoor station + 10 indoor station	2 HikCentral CMS Servers	One Standby Server
CAMERA CHANNEL CAPACITY	3,000/Server 10000/server with E5 high performance server	0	0	Software: 100,000 /E2124: 18,000	<p>Description</p> <p>High availability software to implement a standby server for one or more HikCentral host servers and ensure the CMS system remains operational even when the host server is down. RoseReplicator Plus is the preferred high availability solution for HikCentral servers where maximal uptime is important.</p> <p>Purchase Options (USBKEY1): 1 Year Warranty (USBKEY1): 3 Year Warranty</p>
ACCESS POINT CAPACITY	0 (4 with bundle license)	1024	0	1024 (current site)	
HIKCENTRAL USER CAPACITY	3,000	3,000	3,000	3,000	
EXPANSION LICENSE	HikCentral-VSS-1Camera	HikCentral-ACS-1Door	HikCentral-VideoIntercom-1Indoorstation (Indoor station) HikCentral-ACS-1Door(Outdoor station)	HikCentral-RSM-1Site	
ADD-ON MODULES	<ul style="list-style-type: none"> • HikCentral-DockStation-1Station • HikCentral-SmartWall-Base • HikCentral-BI Report-Base • All Bases and their compatible licenses 	<ul style="list-style-type: none"> • HikCentral-Attendance-Base • HikCentral-P-Visitor-Module • All bases and their compatible licenses 	None	• All bases and their compatible licenses	

EXPANSION LICENSES	DESCRIPTION
HikCentral-VSS-1Camera	Add one camera to VSS base. Orders of multiple camera licenses are provided as one indivisible license key.
HikCentral-ACS-1Door	Add one door/access point to ACS base. Orders of multiple door licenses are provided as one indivisible license key.
HikCentral-RSM-1Site	Add one HikCentral site to RSM base. Orders of multiple site licenses are provided as one indivisible license key.
ADD-ON MODULES	DESCRIPTION
HikCentral-P-SmartWall-Module	VSS add-on smart wall module for integrated video wall management using Hikvision decoders, video wall controllers and third party graphics cards.
HikCentral-ANPR-1Ch	VSS add-on business intelligence module for statistical data reporting from Hikvision people counting, queue analysis and heat mapping cameras without channel limitation.
HikCentral-P-BI Report-Module	VSS add-on for connecting one body camera dock station. All video in connected Dock Stations can be searched by person's name or group name.
HikCentral-P-Visitor-Module	ACS add-on attendance module enables visitor management feature such as visitor registration, Access permission assignation, Visitor log search, etc.
HikCentral-P-Attendance-Module	ACS add-on attendance module enables personnel shift management and attendance reporting functionality for HikCentral 1.2 or later using access control devices.



NINE MAJOR APPLICATIONS TO CHOOSE FROM

All major security needs are covered through nine core security modules, including video, access control, visitor, attendance, entrance & exit, security alarm, intelligence analysis, digital signage, and maintenance. Whatever your situation, you will find what you need here.

A UNIFIED SECURITY SYSTEM THAT ENHANCES MANAGEMENT OPERATIONS

All applications can be connected in an interactive way to build a truly unified architecture, enhancing your operational efficiency. For example, an intrusion alarm and access control with video verification, or perhaps visitor control with pre-registration of vehicles, and much more.



iVMS-4200 Client Software for Microsoft Windows- No Licensing Fee

iVMS-4200 Client Software is a versatile video management client for Hikvision DVRs, NVRs, IP cameras, encoders, access control devices, security control panels, video intercom devices, VCA devices, etc. It provides multiple functionalities, including real-time live view, video recording, video footage search and playback, event and alarm receiving, for the connected devices to meet the needs of small and medium sized projects.

With the flexible structure and easy-to-use interface, the iVMS-4200 Client can be applied to a wide range of surveillance projects in finance, public security, telecommunications, traffic, electricity, education, water conservancy industries, and more.

SOFTWARE SPECIFICATIONS

Model		iVMS-4200 V3.3 for Windows	
Database	Client Database	SQLite (encrypted)	
	Third-Party Database	Microsoft® SQL Server® 2008 and above, MySQL V5.0.45 and above	
Supported Language		Arabic, Bulgarian, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Korean, Lithuanian, Norwegian, Polish, Portuguese, Portuguese (Brazil), Romanian, Russian, Serbian, Simplified Chinese, Slovak, Slovenian, Spanish, Swedish, Thai, Traditional Chinese, Turkish, Ukrainian, Vietnamese	
Client	General	User	50 users and one super user
		E-map	256
		Encoding Device	256
		Group	256 groups
			256 channels for each group
		Channel	256 channels for all groups
		Storage Server	16
		Stream Media Server	16
		DeepinMind Server	1
		Behavior Analysis Task	64 Tasks
	"Behavior Analysis Task in One Group"	64 Tasks	
	Video	Live View Channel	64-ch live view at a time on one screen
		Auxiliary Screen Preview	One main screen and 3 auxiliary screens for live view
		Playback	16-ch playback at a time
		Synchronous Playback	16-ch synchronous playback
		Download	16-ch downloading tasks at a time
	Access Control	Organization	10 levels
		People	2,000
		Fingerprint	5,000
		Cards	5,000
		Access Group	128
		Access Point (Doors/Floors)	50
		Template	255
		Video Intercom Devices (Door Station, Indoor Station, Master Station)	256
		Shift	64
		Time and Attendance Data	The retention period of attendance results and retention period of original records depend on the HDD capacity and amount of the data generated during usage
	Security Control	Security Control Panel	16
Security Radar		8	
Storage Server	Recording Performance	64-ch × 2 Mbps at a time	
	VOD Performance	64-ch × 2 Mbps at a time	
	User	32	
	iVMS-4200 Client	128 clients connected to the storage server	
Stream Media Server	Incoming Stream	64-ch incoming video stream	
	Outgoing Stream	200-ch outgoing video streams	

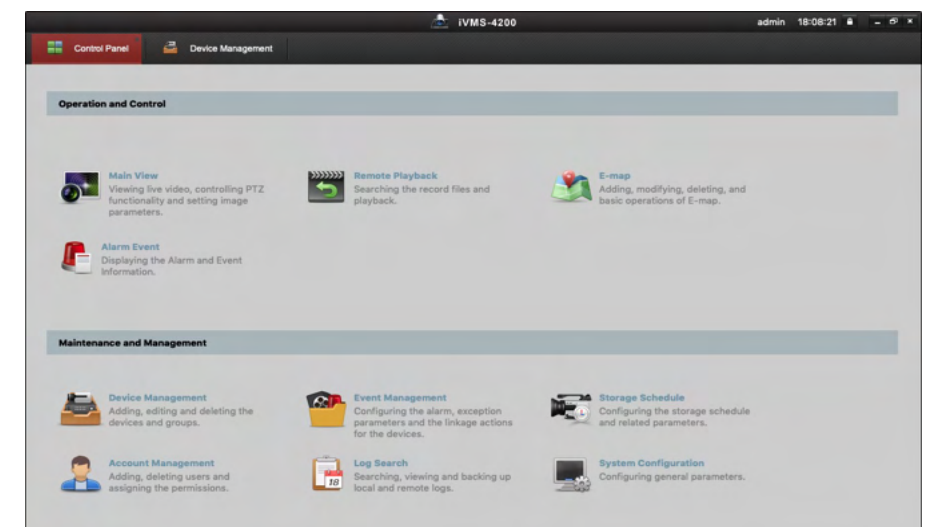
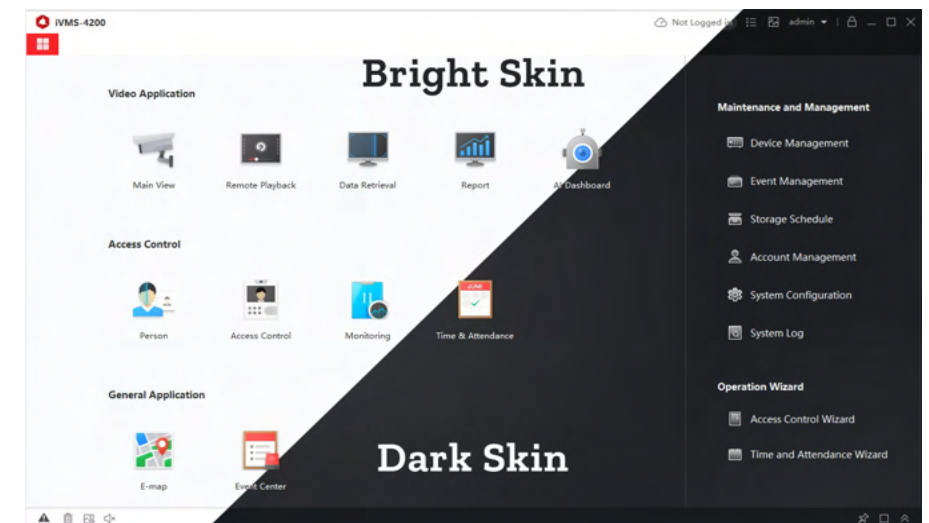
SYSTEM RECOMMENDATIONS

Features	Requirements
Operating System	Microsoft® Windows 7 SP1 and above (32-bit or 64-bit) Microsoft® Windows 8.1 (32-bit or 64-bit)
	Microsoft® Windows 10 (32-bit or 64-bit)
	Microsoft® Windows Server 2008 R2 and above (32-bit or 64-bit) Microsoft® Windows Server 2012 R2 and above (32-bit or 64-bit)
CPU	Intel® Core™ i3 Processor and above
Memory	2 GB and above
Resolution	1280×768 and above

IVMS-4200 CLIENT SOFTWARE FOR APPLE MACOS – NO LICENSING FEE

The iVMS-4200 for macOS is now a 64-bit version 2.0 with a new user interface, and new capabilities including Hik-Connect P2P support, thermal camera support, ATM/VCA/POS playback and more. There are modules for live view, playback, event management, and e-maps. It's suitable for Mac users needing to manage small-scale Hikvision video surveillance systems.

System Requirements	Hardware	Mac
	Operating System	macOS 10.12 to 10.14 (64-bit)



Hik-Connect P2P/DDNS Platform and Mobile App

Quickly and securely set up your video surveillance and intercom systems for remote viewing on Android and Apple smartphones and tablets using the Hik-Connect mobile app, and on Windows and Mac computers using the iVMS-4200 client software. Hik-Connect allows users to stay in touch with home and business even when away with live video, event notifications, two-way audio communication, door intercom answering and unlocking, and video playback. See a comparison of the cloud peer-to-peer (P2P) and dynamic domain name system (DDNS) services provided for free by Hik-Connect below.

Hik-Connect Service	Cloud P2P	DDNS
Live Views	16-ch/page, 256-ch/group	16-ch/page, 256-ch/group
Multi-Playback Limit	4-ch	4-ch
Streaming Limit	5 min/play	Unlimited
Anonymous Usage	✓	✓
Hik-Connect App Support	✓	✓
iVMS-4200 Support	✓	✓
HikCentral Support	X	✓
Web Browser Support	X	✓
No Port Forwarding	✓	X
Dual Authentication (Hik-Connect and Device)	X	✓
Device Sharing Management	✓	X

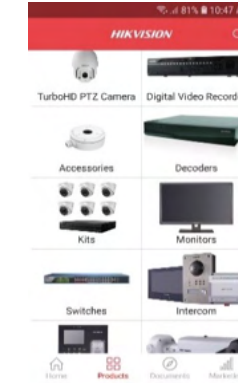


SCAN TO GET APP

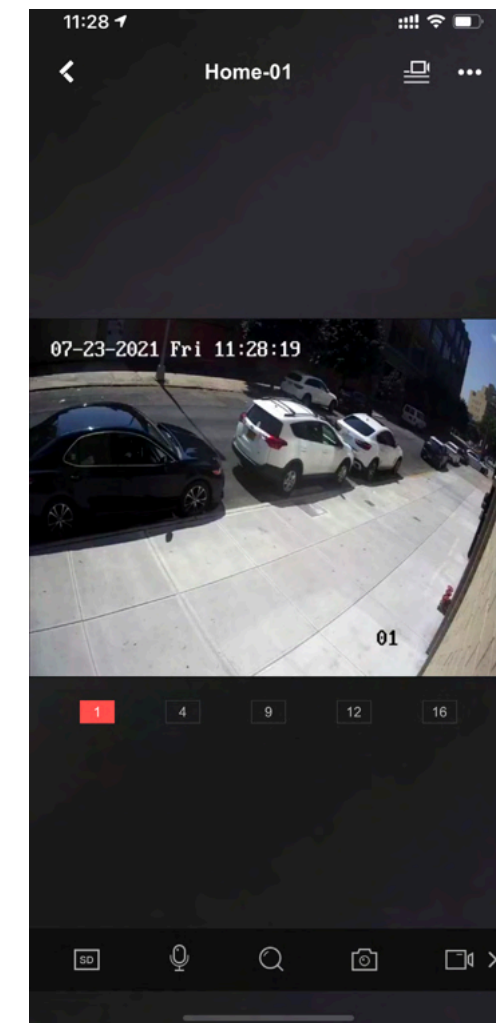
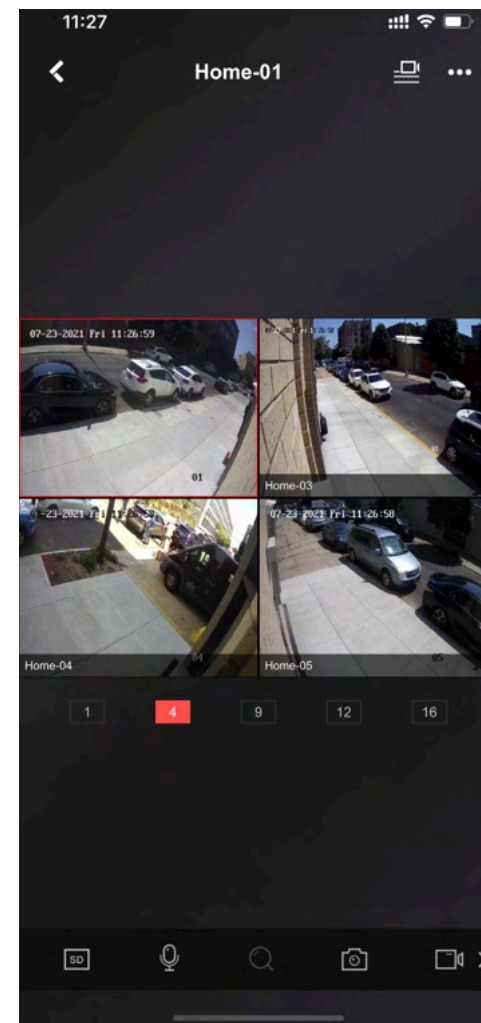
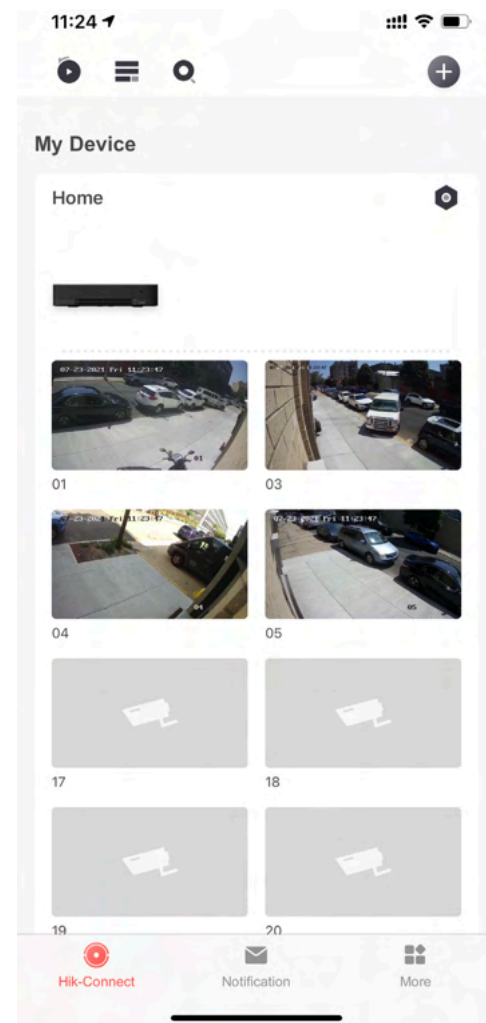


Hikvision Views Mobile App

The Hikvision Views mobile app is a handy assistant for Hikvision dealers and installers. Easily select and compare Hikvision products with detailed information including pictures, specifications, drawings, and accessories. Use the included calculators for storage, bandwidth, NVR and lens estimations during the system design and product selection stage.



SCAN TO GET APP



SmartPro IP Cameras



Hikvision Smart Pro IP solutions include a wide array of products for professional applications. Enhanced with Hikvision smart technologies, Hikvision's smart IP and PTZ cameras, specialty stainless steel cameras and PanoVu multi-sensor cameras, thermal solutions, the HikCentral central management system, and Smart NVRs—are all designed to deliver intelligent security for the modern marketplace. Whether you're securing a large facility or a small or mid-sized business, you will find the most advanced products in the Smart Pro IP product offering.

FEATURES

- High performance, fully loaded project cameras with up to 140 dB WDR (Wide Dynamic Range)
- Up to 32 MP in PanoVu multi-sensor cameras, with lenses ranging from fixed to 50x optical zoom PTZ cameras
- Multiple form factors, including indoor/outdoor dome, bullet, fisheye, covert, upright PTZ, stainless steel and 360-degree panoramic view domes
- Thermal cameras with low, medium and high resolutions and accurate fire detection
- Affordably priced Performance Series Thermal models to enhance any application with unique features such as picture-in-picture, image fusion and temperature monitoring
- Smart analytics add to the high-performance capabilities and include line crossing, intrusion, region entrance and exit, unattended baggage, object removal, scene change, sudden audio increase/decrease, audio loss, object counting, defog and LPR (license plate recognition).

APPLICATIONS



Education



Commercial Real Estate













Healthcare



PROFESSIONAL SOLUTIONS

SMART PRO

										
MODEL	DS-2CD5046G0-AP (4 MP) DS-2CD5085G0-AP (8 MP) DS-2CD50C5G0-AP (12 MP)	DS-2CD5126G0-IZS (2 MP) DS-2CD5146G0-IZS (4 MP) DS-2CD5185G0-IZS (8 MP) DS-2CD51C5G0-IZS (12 MP)	DS-2CD5526G0-IZHS (2 MP) DS-2CD5526G0-IZHS8 (2 MP) DS-2CD5546G0-IZHS (4 MP) DS-2CD5546G0-IZHS8 (4 MP) DS-2CD5585G0-IZHS (8 MP) DS-2CD5585G0-IZHS8 (8 MP) DS-2CD55C5G0-IZHS (12 MP)	DS-2CD5A26G0-IZHS (2 MP) DS-2CD5A26G0-IZHS8 (2 MP) DS-2CD5A46G0-IZHS (4 MP) DS-2CD5A46G0-IZHS8 (4 MP) DS-2CD5A85G0-IZHS (8 MP) DS-2CD5A85G0-IZHS8 (8 MP) DS-2CD5AC5G0-IZHS (12 MP) DS-2CD5A46G0-IZ/UH (Ultra Low Temp)	DS-2CD6365G0E-IS (6 MP) DS-2CD6365G0E-IVS (6 MP) DS-2CD63C5G0E-IS (12 MP) DS-2CD63C5G0E-IVS (12 MP)	DS-2CD63C5G0-IS(12MP) DS-2CD63C5G0-IVS(12MP)	DS-2CD6365G0E-S/RC(6MP) DS-2CD63C5G0E-S/RC(12MP)	DS-2CD6W45G0-IVS	DS-2CD6425G0-10 DS-2CD6425G0-20 DS-2CD6425G0-30	DS-2CD6425G0/F-11 DS-2CD6425G0/F-21 DS-2CD6425G0/F-31
FORM FACTOR	Box Camera	Indoor Dome	Outdoor Dome	Outdoor Bullet	Fisheye	Fisheye with Immersion Lens	Fisheye Indoor Recessed Mount	Detection Grade	Covert (Base & Lens)	Covert (Base & 2 Lenses)
VARIATION	Lens not included	EXIR 2.0	EXIR 2.0	EXIR 2.0				Full-coverage Corner Camera		Face Detection
MEGAPIXELS	DarkFighter (2/4 MP)	DarkFighter (2/4 MP), EXIR 2.0	DarkFighter (2/4 MP), EXIR 2.0	DarkFighter (2/4 MP), EXIR 2.0						
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	4/8/12 MP	2/4/8/12 MP	2/4/8/12 MP	2/4/8/12 MP	6/12 MP	12 MP	6/12 MP	4 MP	2 MP	4 MP (2x2 MP)
MIN. ILLUMINATION (LUX)	4/8MP: 1/1.8 12MP: 1/1.7	2/4/8MP: 1/1.8 12MP: 1/1.7	2/4/8MP: 1/1.8 12MP: 1/1.7	2/4/8MP: 1/1.8 12MP: 1/1.7	6 MP: 1/1.8 12 MP: 1/1.7	12 MP: 1/1.7	6 MP: 1/1.8 12 MP: 1/1.7	1/2	1/2.8	1/2.8
LENS (FOV H X V)	4 MP: Color: 0.002 @ f/1.2 8MP: Color: 0.007 Lux @ F1.2 12MP: Color: 0.008 Lux @ F1.2	8MP: Color: 0.007 Lux @ F1.2 12MP: Color: 0.008 Lux @ F1.2	2/4 MP: Color: 0.002 @ f/1.2, 6/8MP: Color: 0.007 Lux @ F1.2 12MP: Color: 0.008 Lux @ F1.2 B/W: 0 Lux with IR	2/4 MP: Color: 0.002 @ f/1.2, 8MP: Color: 0.007 Lux @ F1.2 12MP: Color: 0.008 Lux @ F1.2 B/W: 0 Lux with IR	6 MP: Color: 0.047 @ f/2.6 12 MP: Color: 0.082 @ f/2.8 All: B/W: 0 with IR	12 MP: Color: 0.082 @ f/2.8 B/W: 0 with IR	6 MP: Color: 0.01 @ f/1.2 12 MP: Color: 0.06 @ f/2.4 B/W: 0 with IR	Color: 0.082 Lux @ (F2.4, AGC ON), B/W: 0.016 Lux @ (F2.4, AGC ON), 0 Lux with IR	Color: 0.014 lux @ f/2.0 B/W: 0.0003 Lux @ f/2.0	Color: 0.006 lux @ f/2.5 B/W: 0.003 Lux @ f/2.5
DAY/NIGHT, BLC, WDR	C/CS mount lens sold separately	2.8 to 12 mm @ f/1.2, motorized, autofocus	-IZHS: 2.8 to 12 mm @ f/1.2 -IZHS8: 8 to 32mm @ f/1.6 or 1.8 All: motorized, autofocus 2MP: -IZHS: H 103.3° to 38.6°, V 54.2° to 21.9° -IZHS8: @ f/1.6 H 42.5° to 13.4°, V 23.4° to 7.7° 4MP: -IZHS: H 109.2° to 38.9°, V 56.2° to 21.9° -IZHS8: @ f/1.8 H 37.7° to 15.2°, V 21° to 8.6° 8MP: -IZHS: H 112.4° to 41°, V 58° to 23° -IZHS8: @ f/1.8 H 39° to 15.6°, V 21.8° to 8.9° 12MP: -IZHS: H 101° to 36.1°, V 72° to 27.2°	-IZHS: 2.8 to 12 mm @ f/1.2 -IZHS8: 8 to 32mm @ f/1.6 or 1.8 All: motorized, autofocus 2MP: -IZHS: H 103.3° to 38.6°, V 54.2° to 21.9° -IZHS8: @ f/1.6 H 42.5° to 13.4°, V 23.4° to 7.7° 4MP: -IZHS: H 109.2° to 38.9°, V 56.2° to 21.9° -IZHS8: @ f/1.8 H 37.7° to 15.2°, V 21° to 8.6° 8MP: -IZHS: H 112.4° to 41°, V 58° to 23° -IZHS8: @ f/1.8 H 39° to 15.6°, V 21.8° to 8.9° 12MP: -IZHS: H 101° to 36.1°, V 72° to 27.2°	6 MP: 1.27 mm (360°) @ f/2.6 12 MP: 2mm (360°) @ f/2.8	12 MP: 2mm (360°) @ f/2.8	6 MP: 1.27 mm (360°) @ f/2.6 12 MP: 2mm (360°) @ f/2.4	Horizontal FOV 135° (corner mount)	-10 Cylindrical Lens: 3.7 mm @ f/2.5, H 71°, V 39.3° -20 L-Shaped Pinhole Lens: 3.7 mm @ f/2.5, H 71°, V 39.3° -30 Tube Lens: 2.8 mm @ f/2.0, H 104°, V 56.8°	-11 Cylindrical Pinhole Lens: 3.7 mm @ f/2.5, H 75° V 41.5° -21 L-Shaped Pinhole Lens: 2.8 mm @ f/2.5, H 94°, V 51.5° -31 Tube Lens: 2.8 mm @ f/1.6, H 110.5°, V 60°
IR RANGE MAX (METERS)	4 MP: True, Yes, 140 dB 8 MP: True, Yes, 120 dB 12 MP: True, Yes, Digital	2/4 MP: True, Yes, 140 dB 8 MP: True, Yes, 120 dB 12 MP: True, Yes, Digital	2/4 MP: True, Yes, 140 dB 8 MP: True, Yes, 120 dB 12 MP: True, Yes, Digital	2/4 MP: True, Yes, 140 dB 8 MP: True, Yes, 120 dB 12 MP: True, Yes, Digital	6 MP: True, Yes, Digital 12 MP: True, Yes, Digital	True, Yes, Digital	True, Yes, Digital	True, Yes, Digital	True, Yes, 120 dB	True, Yes, 120 dB
VIDEO COMPRESSION	-	30	-IZHS: 30 -IZHS8: 50	-IZHS: 50 -IZHS8: 100	15	15	-	Up to 10 m IR range, 1 LED	-	-
MAX. IMAGE RESOLUTION (PIXELS) AND FRAME RATE	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	H.265+/H.265/H.264+/H.264/MJPEG
AUDIO INPUT/OUTPUT	4 MP (2560x1440), 30 8 MP (3840x2160), 30 12 MP (4000x3000), 20	2 MP (1920x1080), 60 4 MP (2560x1440), 30 8 MP (3840x2160), 30 12 MP (4000x3000), 20	2 MP (1920x1080), 60 4 MP (2560x1440), 30 8 MP (3840x2160), 30 12 MP (4000x3000), 20	2 MP (1920x1080), 60 4 MP (2560x1440), 30 8 MP (3840x2160), 30 12 MP (4000x3000), 20	6 MP (3072x2048) 12 MP (4000x3000)	12 MP (4000x3000)	6 MP (3072x2048) 12 MP (4000x3000)	4 MP (2400x1800), 30	2 MP (1920x1080), 30	2 MP (1920x1080), 30
ALARM INPUT/OUTPUT	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line		Built in mic/audio in, Speaker/ audio out	Built in mic/audio in, Speaker/ audio out	1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm); 2 built-in microphones, mono sound	1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm); Built in mic/No speaker	IN: 1 Line In OUT: 1 Line Out	IN: 1 Line In OUT: 1 Line Out
RATINGS	2/2	1/1	1/1	2/2	1/1	1/1	1/1	1/1	1/1	2/2
OPERATING TEMPERATURE	UL/cUL Listed	IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	-V model: IP67, IK10	-	IP67, IK10+(50J), NEMA 4X, UL/ cUL Listed	UL/cUL Listed	UL/cUL Listed -31: IP66	
POWER REQUIREMENTS (MAX.)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-40 °C to 65 °C (-40 °F to 149 °F)	-40 °C to 65 °C (-40 °F to 149 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-40 to 60 °C (-40 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)
BRACKETS	24 VAC, 12 VDC, PoE (802.3af), 10 W	12 VDC, PoE (802.3af), 10.5 W	12 VDC, PoE (802.3at), 17 W	12 VDC, PoE (802.3at), 18 W	12 VDC, 0.9 A, max. 11 W PoE (802.3af, 36 to 57 V), 0.3 A to 0.2 A, max. 12 W	12 VDC, 0.9 A, max. 11 W PoE (802.3af, 36 to 57 V), 0.3 A to 0.2 A, max. 12 W	12 VDC, 0.5 A, max. 6 W PoE (802.3af, 36 to 57 V), 0.3 A to 0.2 A, max. 12 W	12 VDC, PoE (802.3af), 12 W	12 VDC/PoE (802.3af), 3.5 W	12 VDC/PoE (802.3at), 16 W
	WBS, PP2	PC130, WML, CPM, CPME, PM, CM, RCM-1, AB135	PC155, WML, CPM, PM1, CM1, SRSL, SRS	PM1, CM1	CB-FE/AB-FE/PC-FE			corner mount bracket included	Included	Included



MULTI-SENSOR PANOVU CAMERAS

SMART PRO

MODEL	DS-2CD6D52G0-IHS	DS-2CD6D82G0-IHS	DS-2CD6D54G1-IZS	DS-2CD6D54G1-ZS/RC	DS-2CD6D24FWD-IZHS	DS-2CD6D54FWD-IZHS	DS-2CD6924G0-IHS	DS-2CD6984G0-IHS	DS-2PT3326IZ-DE3	DS-2PT5326IZ-DE	DS-2DP1618ZIXS-DE/440/T2	DS-2DP3236ZIXS-D/440/T2
FORM FACTOR	Outdoor	Outdoor	Outdoor	Indoor - Recessed Mount	Outdoor	Outdoor	Outdoor	Outdoor	Indoor	Outdoor	Outdoor	Outdoor
VARIATION				Recessed Mount							DARKFIGHTER	DARKFIGHTER
MEGAPIXELS	10 MP (2x5 MP)	16 MP (2x8 MP)	16 MP (4x4 MP)	16 MP (4x4 MP)	8 MP (4x2 MP)	20 MP (4x5MP)	8 MP (4x2 MP Stitched or Separate)	32 MP (4x8 MP Stitched or Separate)	8 MP (4x2 MP)	8 MP (4x2 MP)	16 MP (4x4 MP)	32 MP (8x4 MP)
MIN. ILLUMINATION (LUX)	Color: 0.009 lux @ (f/1.6, AGC on), B/W: 0.0018 lux @ (f/1.6, AGC on), 0 lux with IR	Color: 0.056 lux @ (f/2.0, AGC on), 0 lux with IR	Color: 0.0125 lux @ (F1.9, AGC ON); B/W: 0.0025 lux @ (F1.9, AGC ON) 0 lux with IR	Color: 0.0125 lux @ (F1.9, AGC ON); B/W: 0.0025 lux @ (F1.9, AGC ON)	Color: 0.01 @ f/1.6, AGC on B/W: 0.003 @ f/1.6, AGC on -I: B/W: 0 with IR	Color: 0.01 @ f/1.6, AGC on B/W: 0.003 @ f/1.6, AGC on -I: B/W: 0 with IR	Color: 0.003 @ f/1.8 B/W:0 with IR	Color: 0.018 @ f/1.2, 0.001 @ f/1.2	Fixed Sensors: Color: 0.05 @ f/2.0 PTZ: Color: 0.05 @ f/2.0	Fixed Sensors: Color: 0.005 @ f/1.6 PTZ: Color: 0.005 @ f/1.6	Color: 0.0005 Lux @ f1.6 B/W: 0.0001 Lux @ f/1.6	Color: 0.0005 Lux @ f1.6 B/W: 0.0001 Lux @ f/1.6
LENS	2.8 mm @ f/1.6 4 mm @ f/1.6 6 mm @ f/1.6	2.8 mm @ f/2.0, 4 mm @ f/2.0, 6 mm @ f/2.0	Four 2.8 to 8 mm	Four 2.8 to 8 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 mm	2.8 mm	Fixed: 2 mm PTZ: 2.8 to 12 mm	Fixed: 4 mm PTZ: 5 to 50 mm	Panoramic: 5 mm PTZ: 5.6 to 208 mm	Panoramic: 5 mm PTZ: 5.6 to 208 mm
HORIZONTAL ANGLE OF VIEW	H 97°, V 70° H 79°, V 57° H 49°, V 35°	H 103°, V 53° H 79°, V 41° H 50°, V 27°	H 100° to 49°, V 72° to 36.4°	H 100° to 49°, V 72° to 36.4°	30° to 96.3° per sensor	30° to 101° per sensor	180° Stitched	180°	128.5°x3 per fixed sensor	80.7°x3 per fixed sensor	180°	360°
PAN/TILT/ROTATION	Pan: -90° to 90°, tilt: 0° to 60° R: 0° to 355°	Pan: -90° to 90°, tilt: 0° to 60° R: 0° to 355°	Pan: -60° to 60°, tilt: 10° to 90°	Pan: -60° to 60°, tilt: 10° to 90°	-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 355°/0° to 90°	0° to 350°/0° to 90°/-	0° to 340°/0° to 90°/-	360°/-15° to 90°/-	360°/-15° to 90°/-
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, Digital	True, Yes, Digital	True, Yes, Digital	True, Yes, Digital	True, Yes, 120 dB	True, Yes, 120 dB
IR RANGE MAX. (METERS)	30	30	30	-	30	30	20	20	10	Fixed: 30 PTZ: 50	250	250
VIDEO COMPRESSION	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/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.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)	2x 2560x1920	2x 3840x2160	4x 2560x1920	4x 2560x1920	Fixed: 4x 1980x1080	Fixed: 4x 2560x1920	Stitched Panoramic: 3840x2160	Stitched Panoramic: 8160x3616	Fixed: 3x 1920x1080 PTZ: 1x 1920x1080	Fixed: 3x 1920x1080 PTZ: 1x 1920x1080	Panoramic: 5520 x 2400 PTZ: 2560 x 1440	Panoramic: 5520 x 2400 x 2 PTZ: 2560 x 1440
MOTION DETECTION	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AUDIO INPUT/OUTPUT	IN: 1 line OUT: 1 line 2 built-in microphones	IN: 1 line OUT: 1 line 2 built-in microphones	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	IN: 1 line OUT: 1 line
ALARM INPUT/OUTPUT	1/1	1/1	2/2	2/2	2/2	2/2	2/2	2/2	-	1/1	7/2	7/2
LOCAL STORAGE	Built-in MicroSD/SDHC/SDXC slot, up to 128 GB	Built-in MicroSD/SDHC/SDXC slot, up to 128 GB	Built-in MicroSD/SDHC/SDXC slot, up to 128 GB	Built-in MicroSD/SDHC/SDXC slot, up to 128 GB	Built-in MicroSD/SDHC/SDXC slot, up to 128 GB	Built-in MicroSD/SDHC/SDXC slot, up to 128 GB	Support Micro SD/SDHC/SDXC card (256G), local storage and NAS (NFS,SMB/CIFS), ANR	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 MicroSD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/SDHC/SDXC (up to 256GB)	Built-in memory card slot, support Micro SD/SDHC/SDXC (up to 256GB)
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, UL/cUL Listed,IK10	IP67, IK10 UL/cUL Listed	UL/cUL Listed	IP66, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 °C to +60 °C (-40 °F to +140 °F)	-10 to 50 °C (14 to 122 °F)	-30 to 65 °C (-22 to 149°F)	-40 to 70 °C (-40 to 158 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX.)	12 VDC, 0.9A, maximum 11 W PoE: (802.3af, 36 V to 57 V), 0.3 A to 0.2 A, maximum 11 W	12 VDC, 0.9A, maximum 11 W PoE: (802.3af, 36 V to 57 V), 0.3 A to 0.2 A, maximum 11 W	12 VDC± 20%, reverse polarity protection; three-core terminal block 24 VAC ± 20%; PoE (802.3af, class 4) Hi-PoE 22 W (PoE injector included)	12 VDC± 20%, reverse polarity protection; three-core terminal block 24 VAC ± 20%; PoE (802.3af, class 0) Hi-PoE 22 W (PoE injector included)	12 VDC ±25%, 28 W Hi-PoE 34 W (PoE injector included)	12 VDC ±25%, 28 W Hi-PoE 34 W (PoE injector included)	12 VDC, 1.6 A, max. 24 W PoE (802.3af, 42.5V to 57V)	12 VDC, 1.5A, max. 18 W PoE (802.3af, 42.5V to 57V), 0.6A to 0.4A, max. 25 W	12 VDC & PoE+ (802.3 at, class 4), Max. 24 W (Max. 6 W for IR)	12 VDC & PoE+ (802.3 at, class 4) Max. 27 W (Max. 9 W for IR)	36V DC, Max.130 W - PSU included	36V DC, Max.150 W - PSU included
BRACKETS	PC-6D CB-6D	PC-6D CB-6D			RPM WMP-L, WMP-PV : PMP, CMP JBPW-L : CMP-JB, PMP-JB CPM-S, CPM-L : CPMPE	RPM WMP-L, WMP-PV : PMP, CMP JBPW-L : CMP-JB, PMP-JB CPM-S, CPM-L : CPMPE	(Pendant cap included) RPM WMP-L, WMP-PV : PMP, CMP JBPW-L : CMP-JB, PMP-JB CPM-S, CPM-L : CPMPE	(Pendant cap included) RPM WMP-L, WMP-PV : PMP, CMP JBPW-L : CMP-JB, PMP-JB CPM-S, CPM-L : CPMPE	WMP-PM CPM-PM	RPM WMP-L, WMP-PV : PMP, CMP JBPW-L : CMP-JB, PMP-JB CPM-S, CPM-L : CPMPE	WMP-PV, RPM	WMP-PV, RPM

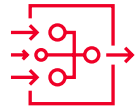


STAINLESS STEEL NETWORK CAMERA

SMART PRO

					
MODEL	DS-2XC6122FWD-IS	DS-2XC6142FWD-IS	DS-2CD6626DS-IZHS	DS-2XE6825G0-IZHS	DS-2XE6885G0-IZHS
FORM FACTOR	Anti-corrosion Dome	Anti-corrosion Dome	Anti-corrosion Dome	Explosion Proof Bullet	Explosion Proof Bullet
MEGAPIXELS	2 MP	4.0	2 MP	2 MP	8 MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	1/2.7"	1/3"	1/1.8"	1/2.8"	1/2.0"
MIN. ILLUMINATION (LUX)	Color: 0.01lux @ f/1.2 B/W: 0 with IR	Color: 0.01lux @ f/1.2 B/W: 0 with IR	Color: 0.002 @ f/1.2 B/W: 0 with IR	2.8 to 12 mm: Color: 0.012 @ f/1.4 8 to 32 mm: Color: 0.018 @ f/1.7 B/W: 0 with IR	2.8 to 12 mm: Color: 0.012 @ f/1.4 8 to 32 mm: Color: 0.018 @ f/1.7 B/W: 0 with IR
LENS	2.8mm 4mm 6mm	4mm 6mm	2.8 to 12 mm @ f/1.4, motorized, autofocus	2.8 to 12 mm @ f/1.4, motorized, autofocus 8 to 32 mm @ f/1.7, motorized, autofocus	2.8 to 12 mm @ f/1.4, motorized, autofocus 8 to 32 mm @ f/1.7, motorized, autofocus
FOV (H X V)	100° 91° 60°	83° 55.4°	92° to 32°	2.8 to 12 mm: 115° to 42° 8 to 32 mm: 43° to 15°	2.8 to 12 mm: 112° to 41° 8 to 32 mm: 42° to 15°
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
IR RANGE MAX (METERS)	10	10	30	100	100
VIDEO COMPRESSION	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.264/MJPEG/MPEG4	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
MAX. IMAGE RESOLUTION (PIXELS)	1920x1080	2560x1440	1920x1080	1920x1080	3840x2160
FRAME RATE (FPS)	2.8mm: 24 @ 1920x1080,1280x960,1280x720 4mm,6mm: 30 @ 1920x1080,1280x960,1280x720	24 @ 2560x1440, 1920x1080, 1280x720, 528x384	30 @ 1920x1080, 1.3 MP (1280x960), 1280x720 60 @ 1920x1080, 1.3 MP (1280x960) 1280x720 with WDR off	60 @ 1920x1080, 1280x720	30 @ 3840 x 2160, 3072 x 1728, 2560 x 1440, 1920 x 1080, 1280 x 720
MULTI-STREAMING	Triple	Triple	Triple	5	5
SMART FEATURES	Full Smart Suite1	Full Smart Suite1	Full Smart Suite1	Full Smart Suite1	Full Smart Suite1
IMAGE ENHANCEMENT	BLC/3D DNR/Defog	BLC/3D DNR/Defog	3D DNR, HLC, WDR, EIS, Defog	3D DNR, HLC, WDR, EIS, Defog	3D DNR, HLC, WDR, EIS, Defog
MOTION DETECTION	Yes	Yes	Yes	Yes	Yes
AUDIO INPUT/OUTPUT	-	-	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.	MicroSD 128 GB max.	MicroSD 128 GB max.	MicroSD 256 GB max.	MicroSD 256 GB max.
MATERIAL/RATINGS	316L Stainless Steel, IP67, UL/cUL Listed, Anti-corrosion, NEMA 4X, WF2, C5-M	316L Stainless Steel, IP67, UL/cUL Listed, Anti-corrosion, NEMA 4X, WF2, C5-M	316L Stainless Steel, IP67, UL/cUL Listed, Anti-corrosion, NEMA 4X, WF2, C5-M	Stainless steel 316L and anti-corrosion coating	Stainless steel 316L and anti-corrosion coating
EXPLOSION PROOF CERTIFICATION				UL(Zone): Class I, Zone 1, AEx db IIC T6 Zone 21, AEx tb IIIC T80°C UL/cUL (Division): Class I, Division 2, Groups A,B,C and D,T6;- Class II, Division 2,Groups F and G,T80°C	UL(Zone): Class I, Zone 1, AEx db IIC T6 Zone 21, AEx tb IIIC T80°C UL/cUL (Division): Class I, Division 2, Groups A,B,C and D,T6;- Class II, Division 2,Groups F and G,T80°C
OPERATING TEMPERATURE RANGE	-30 to 60 °C (-40 to 140 °F)	-30 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX.)	12 VDC, PoE (802.3af), 5 W	12 VDC, PoE (802.3af), 5 W	24 VAC, 12 VDC, PoE (802.3af), 16 W	100 to 240 VAC, 0.4 A, maximum 18 W; PoE (802.3at, 42.5 to 57 V), 0.55 to 0.45 A, maximum 18 W	100 to 240 VAC, 0.4 A, maximum 18 W; PoE (802.3at, 42.5 to 57 V), 0.55 to 0.45 A, maximum 18 W
BRACKETS	JBM-SS, WB-XC	JBM-SS, WB-XC	JBM-SS, WB-SS	DS-1707ZJ-Y-AC	DS-1707ZJ-Y-AC

Why DeepinView Cameras?



6-in-1 Switchable Algorithms

Powerful AI with Deep Learning technology, users can easily enable an algorithm manually for dedicated use.



Hikvision LightFigher Technology

The 4 MP camera offers enhanced Wide Dynamic Range (140 dB), intelligently producing images with clear details under strong backlight or in areas with a mix of bright and dark lighting.



Auto Iris & P Iris, EXIR 2.0

DeepinView offers both Auto Iris and P Iris options, automatically adjusting the lens opening based on lighting conditions. It is highly adaptive to lighting changes throughout the day, producing high quality images 24/7



Hikvision DarkFighter Technology

Using Hikvision's unique ISP DarkFighter technology with its greater than 1/1.8-inch advanced sensor, the camera delivers clear images and greater detail in low lighting conditions, and at nighttime.



ePTZ Auto Tracking

ePTZ auto tracking of people or vehicles displays more details of targeted objects under limited or unstable network bandwidth.



Multiple Streams

5 defined streams plus 5 custom streams provide convenience for integration with various project applications.



H265+ Video Compression

Effective H.265+ video compression technology for bandwidth and storage savings.



Smooth Streaming

Leveraging unique Machine Learning technology, cameras detect network deficiency and adjust parameters to ensure smoothness of video. Smooth Streaming functionality enhances video quality in a variety of network conditions.



Simple Third-Party Integrations

Provides a rich set of metadata, allowing third-party integrators the flexibility to use intelligent analysis results. Capabilities can be further expanded with customized project development.







Weatherproof & Corrosion Protection

Cameras are water and dust resistant (IP67), vandal-proof (IK10), include an anti-corrosion coating, and are NEMA 4x rated for added weather protection (on -Y models).






NETWORK CAMERA SMART SERIES- 2ND GEN DEEPINVIEW AI SERIES

				
MODELS	iDS-2CD7046G0-AP (4MP)	iDS-2CD7146G0-IZS 2.8-12mm (4MP) iDS-2CD71C5G0-IZS 2.8-12mm (12MP)	iDS-2CD7546G0-IZHS 2.8-12mm (4MP) iDS-2CD7546G0-IZHS 8-32mm (4MP) iDS-2CD75C5G0-IZHS 2.8-12mm (12MP) iDS-2CD75C5G0-IZHS 8-32mm (12MP) iDS-2CD7546G0-IZHSY 8-32mm (4MP) iDS-2CD7546G0-IZHSY 2.8-12mm (4MP) iDS-2CD75C5G0-IZHSY 2.8-12mm (12MP)	iDS-2CD7A46G0-IZHS 2.8-12mm (4MP) iDS-2CD7A46G0-IZHS 8-32mm (4MP) iDS-2CD7AC5G0-IZHS 2.8-12mm (12MP) iDS-2CD7AC5G0-IZHSY 2.8-12mm (12MP) iDS-2CD7A46G0-IZHSY 2.8-12mm (4MP) iDS-2CD7A46G0-IZHSY 8-32mm (4MP) iDS-2CD7AC5G0-IZHSY 2.8-12mm (12MP)
Form Factor	Box Camera (Lens not included)	Indoor Dome Camera	Outdoor Dome Camera	Outdoor Bullet Camera
MEGAPIXELS	4MP	4MP/12MP	4MP/12MP	4MP/12MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	1/1.8"	4MP: 1/1.8" 12MP: 1/1.7"	4MP: 1/1.8" 12MP: 1/1.7"	4MP: 1/1.8" 12MP: 1/1.7"
MIN ILLUMINATION (LUX)	4 MP: Color: 0.001 lux @ (f/1.2, AGC on); B/W: 0.0003 lux @ (f/1.2, AGC on) *Reference values only; actual values will depend on lens used	4 MP: 2.8 mm to 12 mm Color: 0.002 lux @ f/1.7, B/W: 0.0006 lux; 8 mm to 32 mm Color: 0.001 lux @ f/1.2 B/W: 0.0003 lux 12 MP: 2.8 mm to 12 mm Color: 0.009 lux @ f/1.2 B/W: 0.0009 lux; 8 mm to 32 mm Color: 0.0181 lux @ f/1.7; B/W:	4 MP: 2.8 mm to 12 mm Color: 0.002 @ f/1.2 B/W: 0.0003 lux; 8 mm to 32 mm Color: 0.002 lux @ f/1.7; B/W: 0.0006 lux 12 MP: 2.8 mm to 12 mm Color: 0.009 Lux @ f/1.2 B/W: 0.009 Lux with IR; 8 mm to 32 mm: Color: 0.0181 Lux @ f/1.7 B/W: 0.00181 Lux with IR	4 MP: 2.8 mm to 12 mm Color: 0.001 lux @ f/1.2, B/W: 0.0003 lux 8 mm to 32 mm Color: 0.002 lux @ f/1.7 B/W: 0.0006 lux 12MP: 2.8 mm to 12 mm Color: 0.009 lux @ f/1.2 B/W: 0.0009 lux; 8 mm to 32 mm Color: 0.002 lux @ f/1.7 B/W: 0.0006 lux
LENS (FOV H x V)	DC drive, CS mount sold separately	All: Motorized, autofocus 4 MP: 2.8-12 mm H FOV 114.5° to 41.8°, V FOV 59.3° to 23.6° 8 to 32 mm, H FOV 42.5° to 15.1°, V FOV 23.3° to 8.64° 12MP: 2.8 to 12 mm, H FOV 96° to 46.2°, V FOV 69.2° to 27.2°; 8 to 32 mm, H FOV 37.8° to 13.6°, V FOV 27.8° to 10.3°	All: Motorized, Autofocus 4MP 2.8 mm to 12 mm, hFOV 114.5° to 41.8°, V FOV 59.3° to 23.6° 8 mm to 32mm, H FOV 42.5° to 15.1°, V FOV 23.3° to 8.64° 12MP: 2.8 mm to 12 mm: H FOV 96° to 46.2°, V FOV 69.2° to 27.2°; 8 mm to 32 mm: H FOV 37.8° to 13.6°, V FOV 27.8° to 10.3°	All: Motorized, Autofocus 4MP: 2.8 mm to 12 mm: H FOV: 114.5° to 41.8°, V FOV: 59.3° to 23.6°, 8 mm to 32 mm: H FOV: 42.5° to 15.1°, V FOV: 23.3° to 8.64°
DAY/NIGHT, BLC, WDR	4MP: True, Yes, 140 dB	4MP: True, Yes, 140 dB 12 MP: True, Yes, Digital	4MP: True, Yes, 140 dB 12 MP: True, Yes, Digital	4MP: True, Yes, 140 dB 12 MP: True, Yes, Digital
IR RANGE MAX (METERS)	-	2.8 mm to 12 mm: 98ft (30 m) 8 mm to 32 mm: 164 ft (50 m)	2.8 mm to 12 mm: 98 ft (30 m) 8 mm to 32 mm: 164 ft (50 m)	2.8 mm to 12 mm: 164 ft (50 m) 8 mm to 32 mm: 330 ft (100 m)
VIDEO COMPRESSION	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream:H.265/H.264/MJPEG			
MAX IMAGE RESOLUTION (PIXELS) & FRAME	4 MP: (2560 x 1440), 30	4 MP: (2680 x 1520), 30 12 MP: (4000 x 3000), 20	4 MP: (2680 x 1520), 30 12 MP: (4000 x 3000), 20	4 MP: (2680 x 1520), 30 12 MP: (4000 x 3000), 20
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
ALARM INPUT/OUTPUT	2 inputs, 2 outputs	1 input, 1 output	1 input, 1 output	2 inputs, 2 outputs
INTELLIGENT FUNCTIONS (DEEP LEARNING ALGORITHM)	Multi-target-type Detection & Attribute Search; Area People counting & Density Control; Queue Mangement; Perimeter Protection, Hard Hat Detection	Multi-target-type Detection & Attribute Search; Area People counting & Density Control; Queue Mangement; Perimeter Protection, Hard Hat Detection	Multi-target-type Detection & Attribute Search; Area People counting & Density Control; Queue Mangement; Perimeter Protection, Hard Hat Detection	Multi-target-type Detection & Attribute Search; Area People counting & Density Control; Queue Mangement; Perimeter Protection, Hard Hat Detection
RATINGS	UL Listed	IK10, UL listed	IP67 IK10, UL listed, -Y model:NEMA 4X (NEMA 250-2018)	P67, IK10, UL Listed, -Y model:NEMA 4X (NEMA 250-2018)
OPERATING TEMPERATURE RANGE	-30° to 60° C (-22° to 140° F)	-30° to 60° C (-22° to 140° F)	-40° to 60° C (-40° to 140° F)	-40° to 60° C (-40° to 140° F)
POWER REQUIREMENTS (MAX)	12V DC, max 12W 24V AC, max 12W PoE (802.3af), max 12 W	12 VDC, max 9.96 W 24 VAC, max 12 W PoE (802.3af), max 12 W	With extra load: 12 VDC, max 13.9 W; PoE (802.3at): 13.9W with extra load" means that an extra device is connected to and powered by the camera	12 VDC, max 16.0 W PoE: (802.3at) max 18.0 W
BRACKETS	WBS,PP2, CBH, CHB-HBW, CHB-HB	WML,PC130, CPM, CPME, CM,PM, RCM-1,AB135	For iDS-2CD75xxG0-IZHS: WML,PC155, CPM, CM,PM, SRSL,SRS. For DS-2CD75xxG0-IZHSY: DS-1473ZJ-155-Y,DS-1471ZJ-155-Y,DS-1475ZJ-Y,DS-1476ZJ-Y	For iDS-2CD7AxxG0-IZHS, CM1, PM1; For iDS-2CD7AxxG0-IZHSY, DS-1476ZJ-Y,DS-1475ZJ-Y
STANDARDS	Complies with ONVIF (PROFILE S, PROFILE G, PROFILE T), FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014), CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) Contact factory for additional details.			


PROFESSIONAL SOLUTIONS

NETWORK CAMERA SMART SERIES- DEEPINVIEW LPR AND COUNTING SERIES



			
MODELS	DS-2CD7A26G0/P-IZHS DS-2CD7A26G0/P-IZHS8	DS-2CD6825G0/C-IS DS-2CD6825G0/C-IVS	iDS-2CD6412FWD/C
FORM FACTOR	Outdoor Bullet	Specialty, Indoor, Outdoor	Specialty, Indoor
MEGAPIXELS	2 MP	2 MP	1.3 MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	1/1.8"	1/2.7"	1/3"
MIN. ILLUMINATION (LUX)	Color: 0.002 @ f/1.2 B/W: 0 with IR	Color: 0.005 lux @ f/2.0, AGC on B/W: 0.001 lux @ f/2.0, AGC on	Color: 0.028 lux @ f/2.0, AGC on B/W: 0.0028 lux @ f/2.0, AGC on
LENS (FOV H X V)	-IZHS: 2.8 to 12 mm (H 103.3° to 38.6°, V 54.2° to 21.9°) @ f/1.2 -IZHS8: 8 to 32mm (H 42.5° to 13.4°, V 23.4° to 7.7°) @ f/1.6 All: motorized, autofocus	2 mm (H:104.5°, V: 70.5°) @ f/2.25	2.1mm (115°) @ f/2.2 2.8mm (92.5°) @ f/2.0
DAY/NIGHT, BLC, WDR	True, Yes, 140 dB	True, Yes, digital	Electronic, Yes, 120 dB
IR RANGE MAX (METERS)	-IZHS: 50m -IZHS8: 100 m	6m	-
VIDEO COMPRESSION	H.265+/H.265//H.264+/H.264/MJPEG	H.265+/H.265//H.264+/H.264/MJPEG	H.264/MJPEG/MPEG4
MAX. IMAGE RESOLUTION (PIXELS)AND FRAME RATE	2 MP (1920x1080), 60	2 MP (1920x1080), 25	1.3 MP (1280x960)
AUDIO INPUT/OUTPUT	-	IN: 1 line/mic OUT: 1 line	IN: 1 line/mic OUT: 1 line
ALARM INPUT/OUTPUT	2/2	1/1	1/1
RATINGS	IP67, UL/cUL Listed	IP67, UL/cUL Listed	UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-30 to 45 °C (-22 to 133 °F)	-30 to 60 °C (-22 to 140 °F)
POWER REQUIREMENTS (MAX.)	12 VDC, PoE+ (802.3at), 16.5 W	12 VDC, 8 W	12 VDC, 7.5 W
BRACKETS	PM1/CM1/PM-LPR	-	-



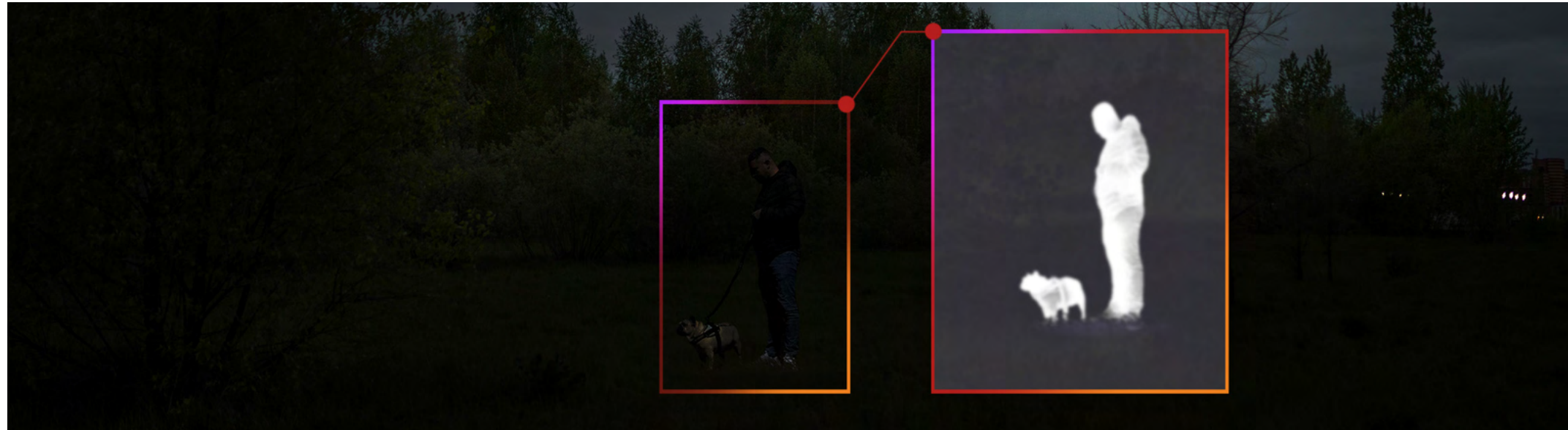
NETWORK PTZ CAMERA

	 DarkFighter. Smart Tracking 2.0	 DarkFighter. Smart Tracking 2.0	 DarkFighter. Smart Tracking 2.0	 DarkFighter. Smart Tracking 2.0	 DarkFighter. Smart Tracking 2.0	 DarkFighter. Smart Tracking 3.0	 DarkFighter. Smart Tracking 3.0	 DarkFighter. Smart Tracking 3.0	 DarkFighter. Smart Tracking 3.0	 DarkFighter. Built-in Radar
MODEL	DS-2DF5232X-AE3	DS-2DF5232X-AEL	DS-2DF6A436X-AEL	DS-2DF6A836XS-AEL	DS-2DF8242IXS-AELW	DS-2DF8442IXS-AELW	DS-2DF8C842IXS-AELW	DS-2DF9C245IHS-DLW	iDS-2SR8141IXS-AB	
FORM FACTOR	Indoor PTZ	Outdoor PTZ	Outdoor PTZ	Outdoor PTZ	Outdoor PTZ	Outdoor PTZ	Outdoor PTZ	Outdoor PTZ	Outdoor PTZ	
MEGAPIXELS	2 MP	2 MP	4 MP	8 MP	2 MP	4 MP	8 MP	2 MP	4 MP	
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	1/2.8"	1/2.8"	1/1.8"	1/1.8"	1/1.8"	1/1.8"	2/3"	Two 1/1.8"	1/1.8"	
MIN. ILLUMINATION (LUX)	Color: 0.002 @ f/1.2	Color: 0.002 @ f/1.2	Color: 0.002 @ f/1.5	Color: 0.005 @ f/1.5	Color: 0.002 @ f/1.5 B/W: 0 with IR	Color: 0.002 @ f/1.5 B/W: 0 with IR	Color: 0.005 @ f/1.5 B/W: 0 with IR	Color: 0.0005 @ f/1.5 B/W: 0 with IR	Color: 0.002 @ f/1.5 B/W: 0 with IR	
LENS (FOV H X V)	4.8 to 153 mm, motorized zoom, autofocus	4.8 to 153 mm, motorized zoom, autofocus	5.7 to 205.2 mm, motorized zoom, autofocus	6 to 216 mm, motorized zoom, autofocus	6.0 to 252 mm, motorized zoom, autofocus	6.0 to 252 mm, motorized zoom, autofocus	7.5 to 270 mm, motorized zoom, autofocus	5.9 to 265 mm, motorized zoom, autofocus	6.0 to 240 mm, motorized zoom, autofocus	
OPTICAL ZOOM	32x	32x	36x	36x	42x	42x	42x	45x	40x	
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)	-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)	-20° to 90° (auto flip)	
PAN & TILT SPEED (MANUAL)	0.1°/s to 300°/sec & 0.1°/s to 240°/sec	0.1°/s to 300°/sec & 0.1°/s to 240°/sec	0.1°/s to 350°/sec. & 0.1°/s to 240°/sec.	0.1°/s to 300°/sec. & 0.1°/s to 240°/sec.	0.1°/s to 210°/sec. & 0.1°/s to 150°/sec.	0.1°/s to 210°/sec. & 0.1°/s to 150°/sec.	0.1° to 210°/sec. & 0.1° to 150°/sec.	0.1° to 210°/sec. & 0.1° to 150°/sec.	0.1° to 210°/sec. & 0.1° to 150°/sec.	
PAN & TILT SPEED (PRESET)	540°/sec. & 400°/sec.	540°/sec. & 400°/sec.	540°/sec. & 400°/sec.	540°/sec. & 400°/sec.	280°/sec. & 250°/sec.	280°/sec. & 250°/sec.	280°/sec. & 250°/sec.	280°/sec. & 250°/sec.	280°/sec. & 250°/sec.	
DAY/NIGHT,BLC,WDR,EIS	True, Yes, 120 dB, Yes	True, Yes, 120 dB, Yes	True, Yes, 120 dB, Yes	True, Yes, 140 dB, GIS	True, Yes, 140 dB, GIS	True, Yes, 140 dB, GIS	True, Yes, 120 dB, GIS	True, Yes, 140 dB, Yes	True, Yes, 120 dB, Yes	
IR RANGE MAX (METERS)	-	-	-	-	400	500	500	500	200	
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	
MAX. IMAGE RESOLUTION (PIXELS) AND FRAME RATE	2 MP (1920×1080), 30	2 MP (1920×1080), 30	4 MP (2560×1440), 30	8 MP (3840×2160), 30	2 MP (1920×1080), 60	4 MP (2560×1440), 60	8 MP (4096×2160), 30	2 MP (1920×1080), 60	4 MP (2560×1440), 30	
RATINGS	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	IP67, IK10, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	
OPERATING TEMPERATURE RANGE	-10 to 50 °C (14 to 122°F)	-40 to 70 °C (-40 to 158 °F)	-40 to 70 °C (-40 to 158 °F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40 to 70 °C (-40 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 70°C (-40°F to 158°F)	
POWER REQUIREMENTS (MAX.)	24V AC, Hi-PoE (802.3at), 25 W, PoE Injector Included	24V AC, (Max 60 W) Hi-PoE (802.3at), (Max 50 W), PoE Injector Included	24V AC (Max. 60 W), Hi-PoE (Max. 50 W), PoE Injector Included	24V AC (Max. 60 W), Hi-PoE (Max. 50 W), PoE Injector Included	24V AC, (Max 60 W) Hi-PoE (802.3at), (Max 50 W), PoE Injector Included	24V AC (Max. 60 W), Hi-PoE (Max. 50 W), PoE Injector Included	24V AC, (Max 60 W) Hi-PoE (802.3at), (Max 50 W), PoE Injector Included	36 VDC, (Max 90 W)	24V AC, (Max 60 W)	

SPECIALTY NETWORK DOME AND PTZ

		
MODEL	DS-2DY9250X-A	DS-2DT6223-AELY
FORM FACTOR	Outdoor Upright PTZ	Stainless Outdoor PTZ
MEGAPIXELS	2 MP	2 MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	1/2.8"	1/1.8"
MIN. ILLUMINATION (LUX)	"Color: 0.01 @ f/1.8 B/W: 0.001 @ f/1.8"	"Color: 0.002 @ f/1.5 B/W: 0.0002 @ f/1.5"
LENS (FOV H X V)	"6.6 to 330 mm, motorized zoom, autofocus"	5.9 to 135.7 mm motorized zoom, autofocus
OPTICAL ZOOM	50x	23x
PAN RANGE	360° endless	360° endless
TILT RANGE	-90° to 40° (auto-flip)	0° to 90° (Auto Flip)
PAN & TILT SPEED (MANUAL)	0.1° to 100°/sec. & 0.1° to 50°/sec.	0.1° to 300°/sec. & 0.1° to 240°/sec.
PAN & TILT SPEED (PRESET)	50°/sec. & 100°/sec.	540°/sec. & 400°/sec.
DAY/NIGHT, BLC, WDR	TRUE/Yes/120dB	True, Yes, 120 dB
ELECTRONIC IMAGE STABILIZATION	Yes	Yes
IR RANGE MAX (METERS)	-	-
VIDEO COMPRESSION	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
MAX. IMAGE RESOLUTION (PIXELS) AND FRAME RATE	2 MP (1920×1080), 60	2 MP (1920×1080), 30
MATERIAL/RATINGS	IP66, UL/cUL Listed	316L Stainless Steel, IP67, IK10, UL/cUL Listed Anti-corrosion, NEMA 4X, WF2, C5-M
OPERATING TEMPERATURE RANGE	"-40 to 70 °C (-40 to 158 °F)"	-40°C to 70°C (-40°F to 158°F)
POWER REQUIREMENTS (MAX.)	24V AC, 70 W	24V AC, Hi-PoE (802.3at), 60 W, PoE Injector Included
BRACKETS	WBPT	WMP-SS, CPM-SS

Thermal Cameras



Specifically designed for short-range detection, Hikvision HeatPro Thermal Cameras are best suited and priced for residential, commercial and industrial areas. Our HeatPro bi-spectrum series packs thermal and optical cameras together with thermal imaging-based perimeter protection, temperature monitoring, cigarette smoking detection, and more. New features include a white strobe light, speaker for automated voice alarms, and improved human & vehicle filter and hardware.

FEATURES

- Superior Nighttime Visibility
- Outstanding Intrusion Detection with Instant Built-in Alarm
- Line Crossing, Intrusion, Region Entrance/Exit with Human and Vehicle Filtering
- Temperature Exception Alarm Function
- Detect and Locate Fires Early with Advanced Fire Detection

APPLICATIONS



Villas / Gated Communities



Warehouses



Commercial Buildings



Construction Sites and Yards



Solar Farms



Waste Recycling Facilities

THERMAL-OPTICAL CAMERAS - HEATPRO

	NETWORK CAMERA Bi-Spectrum, Low Res			NETWORK CAMERA Bi-Spectrum, Low Res			NETWORK CAMERA Bi-Spectrum, Medium Res				NETWORK CAMERA Bi-Spectrum, Mid Res		NETWORK CAMERA Bi-Spectrum, High Res		NETWORK CAMERA Bi-Spectrum, High Res	
MODEL	DS-2TD1217-2/PA DS-2TD1217-3/PA DS-2TD1217-6/PA			DS-2TD2617-3/PA DS-2TD2617-6/PA DS-2TD2617-10/PA			DS-2TD2637-10/P DS-2TD2637-15/P DS-2TD2637-25/P DS-2TD2637-35/P				DS-2TD2637T-15/P		DS-2TD2667-15/P DS-2TD2667-35/P		DS-2TD2866-50/V1	
FORM FACTOR	Outdoor Turret			Outdoor Bullet			Outdoor Bullet				Accurate Temperature Bullet		Bi-Spectrum Bullet		Outdoor Bullet	
THERMAL PIXELS, PITCH, SENSOR	160x120, 17 µm, Vanadium Oxide UFPA			160x120, 17 µm, Vanadium Oxide UFPA			384x288, 17 µm, Vanadium Oxide UFPA				384x288, 17 µm, Vanadium Oxide UFPA		640x512, 17 µm, Vanadium Oxide UFPA		640x512, 17 µm, Vanadium Oxide UFPA	
SPECTRAL RESPONSE, NETD	8 to 14 µm, < 40 mk @ 25 °C			8 to 14 µm, < 40 mk @ 25 °C			8 to 14 µm, < 35 mk @ 25 °C				8 to 14 µm, < 35 mk @ 25 °C		8 to 14 µm, < 35 mk @ 25 °C		8 to 14 µm, < 40 mk @ 25 °C	
FRAME RATE @ RESOLUTION	25 fps @ 320x240 (upscaled)			25 fps @ 320x240 (upscaled)			25 fps @ 384x288				25 fps @ 384x288		50fps @ 640 x 512		50 fps @ 640x512	
LENS FOCAL LENGTH	1.8 mm	3.1 mm	6.2 mm	3.1 mm	6.2 mm	10mm	9.7 mm	15 mm	25mm	35mm	15mm	15mm	35mm	50 mm		
FIELD OF VIEW (HXV)	(90.0°x66.4°)	(50.0°x37.2°)	(25.0°x18.7°)	(50.0°x37.2°)	(25.0°x18.7°)	(15.96° x 12°)	(37.5°x28.5°)	(24.5°x18.5°)	(14.9° x 11.2°)	(10.7° x 8.0°)	24.5° x 18.5°	42.5° x 33.6°	17.67° x 14.18°	(12.4°x10.0°)		
IFOV (MRAD), MIN. FOCUS DISTANCE	9.44, 0.1 m	5.48, 0.2 m	2.83, 0.6 m	5.48, 0.2 m	2.74, 0.6 m	1.75, 1.2 m	1.75, 1.0 m	1.13, 2.5 m	0.68, 25 m	0.49, 30 m	1.13, 2.5m	1.13, 2.5m	0.49, 30m	0.34, 50 m		
OPTICAL SENSOR	4 MP, 1/2.7" CMOS			4 MP, 1/2.7" CMOS			4 MP, 1/2.7" CMOS				4MP, 1/2.7" CMOS		4 MP, 1/2.7" CMOS		2 MP, 1/2.8" CMOS	
FRAME RATE @ RESOLUTION	50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) 60 Hz: 30 fps (2688 x 1520, 1920 x 1080, 1280 x 720)			50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) 60 Hz: 30 fps (2688 x 1520, 1920 x 1080, 1280 x 720)			50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) 60 Hz: 30 fps (2688 x 1520, 1920 x 1080, 1280 x 720)				50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) 60 Hz: 30 fps (2688 x 1520, 1920 x 1080, 1280 x 720)		30 fps (2688 x 1520, 1920 x 1080, 1280 x 720)		30 fps @ 1920x1080, 1.3 MP (1280x960), 1280x720	
MIN. ILLUMINATION (LUX)	Color: 0.0176 @ f/2.25, AGC ON B/W: 0 with IR			Color: 0.0176 @ f/2.25, AGC ON B/W: 0 with IR			0.0089 @ f/1.6, AGC ON B/W: 0 with IR				Color: 0.0089 Lux @ (F1.6, AGC ON) B/W: 0.0018 Lux @ (F1.6, AGC ON)		0.0089 @ f/1.6, AGC ON B/W: 0.0018 with IR		Color: 0.001 @ f/1.2 B/W: 0 with IR	
LENS, FIELD OF VIEW (HXV)	2.1 mm (119.34° x 93.3°)	4 mm (84° x 44.8°)	8 mm (39.42° x 22.14°)	4 mm (84° x 44.8°)	8mm (39.42° x 22.14°)	8mm (39.42° x 22.14°)	4 mm (84°x44.8°)	6 mm (51.7°x28°)	12 mm (25.25° x 14.44°)	14 mm (20.59° x 11.73°)	6mm (51.7° x 28°)	4mm (39.42° x 22.14°)	8mm (39.42° x 22°)	13 mm (24°x13.7°)		
IR RANGE MAX (METERS)	15			40			40	50	100		40m	40m	40m	100		
VIDEO COMPRESSION	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/MJPEG				H.265/H.264/MJPEG		H.265/H.264/MJPEG		H.265+/H.265/H.264+/H.264/MJPEG	
IMAGE ENHANCEMENT	Image Fusion, PiP, 120 dB WDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes			Image Fusion, PiP, 120 dB WDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes			Image Fusion, PiP, 120 dB WDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes				Image Fusion, PiP, 120dB WDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes		Image Fusion, PiP, 120dB WDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes		Image Fusion, PiP, 120 dB WDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes	
ALARM ON TEMPERATURE	Monitor 10 points, 10 regions and 1 line within -20-150 °C, ±8°C accuracy			Monitor 10 points, 10 regions and 1 line within -20-150 °C, ±8°C accuracy			Monitor 10 points, 10 regions and 1 line within -20-150 °C, ±8°C accuracy				Monitor 10 Points, 10 Regions and 1 Line within -20 to 550 °C, ±2°C Accuracy		Monitor 10 points, 10 regions and 1 line within -20-150 °C, ±8°C accuracy		Monitor 10 points, 10 regions and 1 line within -20-150 °C, ±8°C accuracy	
ALARM I/O, AUDIO I/O	1/1, 1/1			2/2, 1/1			2/2, 1/1				2/2, 1/1		1/1, 1/1		2/2, 1/1	
RATINGS	IP66, UL/cUL Listed			IP66, UL/cUL Listed			IP66, UL/cUL Listed				IP66 Standard TVS 6000V lightning protection, surge protection, voltage transient protection		IP66, UL/cUL Listed		IP66 UL/cUL Listed	
OPERATING TEMPERATURE RANGE	-40 to 65 °C (-40 to 149 °F)			-40 to 65 °C (-40 to 149 °F)			-40 to 65 °C (-40 to 149 °F)				-40 °C to 65 °C (-40 °F to 149 °F)		-40 °C to 65 °C (-40 °F to 149 °F)		-40 to 60 °C (-40 to 140 °F)	
POWER REQUIREMENTS (MAX.)	12 VDC, PoE (802.3af), 6.5 W			12 VDC, PoE (802.3af), 8 W			12 VDC, 24V AC, PoE (802.3af), 9.5 W (20 W with De-icing Heater On)				24 VAC ± 25%, 12 VDC ± 25%, two-core terminal block PoE (802.3af, class 3)		18 VAC to 30 VAC, two-core terminal block 9 VDC to 15 VDC, two-core terminal block PoE (802.3af, class 3)		12 VDC, 24V AC, PoE+ (802.3af), 16 W (24 W with De-icing Heater On)	
BRACKETS	CPM+PC140,WML+PC140,PM,CM,CB135			PM,CM,CB130			PM,CM,CB130				CB130, PM1, CM		PM,CM,CB130		-	

THERMAL CAMERAS


	NETWORK CAMERA Thermal-only, High Res		NETWORK CAMERA High Res	
MODEL	DS-2TD2367-50/P DS-2TD2367-75/P		DS-2TD2466-25Y DS-2TD2466-50Y	
FORM FACTOR	Outdoor Bullet		Anti-corrosion Bullet	
THERMAL PIXELS, PITCH, SENSOR	640x512, 17 µm, Vanadium Oxide UFPA		640x512, 17 µm, Vanadium Oxide UFPA	
SPECTRAL RESPONSE, NETD	8 to 14 µm, < 35 mk @ 25 °C		8 to 14 µm, < 40mk @ 25 °C	
FRAME RATE @ RESOLUTION	25fps @ 640 x 512		50 fps @ 640x512 (main, sub and third stream)	
LENS FOCAL LENGTH	50mm	75mm	25 mm	50 mm
FIELD OF VIEW (HXV)	12.4° x 10°	8.3° x 6.6°	(24.6°x19.8°)	(12.4°x10.0°)
IFOV (MRAD), MIN. FOCUS DISTANCE	0.34, 50m	0.23, 110m	0.68, 2 m	0.34, 7.5 m
VIDEO COMPRESSION	H.265/H.264/MJPEG		H.265+/H.265/H.264+/H.264/MJPEG	
IMAGE ENHANCEMENT	3D DNR, Adaptive AGC, DDE, 15 Palettes		3D DNR, Adaptive AGC, DDE, 15 Palettes	
ALARM ON TEMPERATURE	Monitor 10 Points, 10 Regions and 1 Line within -20 to 150 °C, ±8°C Accuracy		Monitor 10 points, 10 regions and 1 line within -20-150 °C, ±8°C accuracy	
ALARM I/O, AUDIO I/O	2/2, 1/1		2/2, 1/1	
RATINGS	IP66 Standard TVS 6000V lightning protection, surge protection, voltage transient protection		IP66 UL/cUL Listed	
OPERATING TEMPERATURE RANGE	-40 °C to 65 °C (-40 °F to 149 °F)		-40 to 65 °C (-40 to 149 °F)	
POWER REQUIREMENTS (MAX.)	24 VAC ± 25%, two-core terminal block PoE (802.3af, class 4)		12 VDC, 24V AC, 10 W (22 W with De-icing Heater On)	
BRACKETS	PM		JBM-SS	



THERMAL PTZ CAMERA




	Bi-Spectrum, Mid Res	Bi-Spectrum, HighRes	Bi-Spectrum, HighRes	Bi-Spectrum, HighRes	Bi-Spectrum, Med Res
					
MODEL	DS-2TD4137-25/W	DS-2TD4167-50/W	DS-2TD6267-75C4L/W	DS-2TD8167-190ZE2F/W	DS-2TD4237-10/V2 DS-2TD4237-25/V2
FORM FACTOR	Outdoor PTZ Dome	Outdoor PTZ Dome	Outdoor Upright PTZ	Outdoor Upright PTZ	Outdoor PTZ Dome
THERMAL PIXELS, PITCH, SENSOR	384x288, 17 µm, Vanadium Oxide UFPA	640x512, 17 µm, Vanadium Oxide UFPA	640x512, 17 µm, Vanadium Oxide UFPA	640x512, 17 µm, Vanadium Oxide UFPA	384 x 288, 17 µm, Vanadium Oxide UFPA
SPECTRAL RESPONSE, NETD	8 to 14 µm, < 35 mk @ 25 °C	8 to 14 µm, < 35 mk @ 25 °C	8 to 14 µm, < 35 mk @ 25 °C	8 to 14 µm, < 35 mk @ 25 °C	8 to 14 µm, < 40 mk @ 25 °C
FRAME RATE @ RESOLUTION	25 fps @384x288	25 fps @640x480	25 fps @640x512	25 fps @640x480	25fps @ 1280 x 720 (upscaled)
LENS FOCAL LENGTH	25mm	50mm	75mm	36 to 190mm	10 mm 25 mm
FIELD OF VIEW (H°XV°)	14.9° x 11.2°	12.4° x 9.9°	8.3° x 6.64°	17.19° x 13.79° to 3.46° x 2.77°	37.7° x 28.7° 14.88° x 11.19°
IFOV (MRAD), MIN. FOCUS DISTANCE	0.68, 13m	0.34, 50m	0.23, 8m	0.47 to 0.09, 3m	1.70, 1.2 m 0.68, 13m
OPTICAL SENSOR	4MP, 1/1.8" CMOS	4MP, 1/1.8" CMOS	4MP, 1/1.8" CMOS	4MP, 1/1.8" CMOS	2 MP, 1/2.8" CMOS
FRAME RATE @ RESOLUTION	50Hz:25 fps (2688 x 1520, 1920 x 1080, 1280 x 960, 1280 x 720) 60 Hz:30 fps (2688 x 1520, 1920 x 1080, 1280 x 960, 1280 x 720)	50Hz:25 fps (2688 x 1520, 1920 x 1080, 1280 x 960, 1280 x 720) 60 Hz:30 fps (2688 x 1520, 1920 x 1080, 1280 x 960, 1280 x 720)	50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 960, 1280 x 720) 60 Hz: 30 fps (2688 x 1520, 1920 x 1080, 1280 x 960, 1280 x 720)	50 Hz:25 fps (1920 x 1080, 1280 x 960, 1280 x 720) 60 Hz: 30 fps (1920 x 1080, 1280 x 960, 1280 x 720)	30 fps @ 1920x1080, 1.3 MP (1280x960), 1280x720
MIN. ILLUMINATION (LUX) WITHOUT IR	Color: 0.005 Lux @ (F1.3, AGC ON) B/W: 0.001 Lux @ (F1.3, AGC ON)	Color: 0.005 Lux @ (F1.3, AGC ON) B/W: 0.001 Lux @ (F1.3, AGC ON)	Color: 0.0005 Lux @ (F1.5, AGC ON) B/W: 0.0001 Lux @ (F1.5, AGC ON)	Color: 0.005 Lux @ (F3.5, AGC ON) B/W: 0.0005 Lux @ (F3.5, AGC ON)	Color: 0.05 @ f/1.2 B/W: 0 with IR
LENS, FIELD OF VIEW (HXV)	6-240 mm (56.6° x 33.7° to 1.8° x 1.0°)	6-240 mm (56.6° x 33.7° to 1.8° x 1.0°)	6-336mm (0.92° x 0.52° to 48.26° x 28.43°)	12.5 to 775 mm (32.13° x 18.4° to 0.53° x 0.3°)	4.8-153mm (58.4° x 2.14°)
IR RANGE MAX	200m	200m	800m	N/A	100
TOTAL ZOOM	40x	40x	56x	62x	32x
PAN, TILT RANGE	Pan: 360° Continuous Rotate Tilt: From -20° to +90° (auto flip)	Pan: 360° Continuous Rotate Tilt: From -20° to +90° (auto flip)	Pan: 360° Continuous Rotate Tilt: From -90° to +40° (auto flip)	Pan: 360° Continuous Rotate Tilt: From -45° to +45° (auto flip)	360° endless, -5° to 90°
MAX. PRESETS, TOURS, PATTERNS	300 presets; 8 patrols; Up to 32 Presets Per Patrol; 4 patterns; More Than 10 Minutes Per Pattern;	300 presets; 8 patrols; Up to 32 Presets Per Patrol; 4 patterns; More Than 10 Minutes Per Pattern;	300 presets; 8 patrols; Up to 32 Presets Per Patrol; 4 patterns; More Than 10 Minutes Per Pattern;	300 presets; 8 patrols; Up to 32 Presets Per Patrol; 4 patterns; More Than 10 Minutes Per Pattern;	300, 8, 4
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.264
IMAGE ENHANCEMENT	Image Fusion, PiP, 120dB WDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes	Image Fusion, PiP, 120dB WDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes	Image Fusion, PiP, 120dB WDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes	Image Fusion, PiP, 120dB WDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes	120 dB WDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes
ALARM ON TEMPERATURE	Monitor 10 Points, 10 Regions and 1 Line within -20 to 150 °C, ±8°C Accuracy	Monitor 10 Points, 10 Regions and 1 Line within -20 to 150 °C, ±8°C Accuracy	Monitor 10 Points, 10 Regions and 1 Line within -20 to 150 °C, ±8°C Accuracy	Monitor 10 Points, 10 Regions and 1 Line within -20 to 150 °C, ±8°C Accuracy	Monitor (10 points, 10 regions and 1 line)×273 scenes within -20-150 °C, ±8°C accuracy
ACCURATE FIRE DETECTION	10 detection points ²	10 detection points ²	10 detection points ²	10 detection points ²	10 detection points ²
ALARM I/O, AUDIO I/O	7/2, 1/1	7/2, 1/1	7/2, 1/1	7/2, 1/1	7/2, 1/1
RATINGS	IP66 Standard TVS 6000V lightning protection, surge protection, voltage transient protection	IP66 Standard TVS 6000V lightning protection, surge protection, voltage transient protection	IP66 Standard TVS 6000V lightning protection, surge protection, voltage transient protection	IP67 Standard TVS 6000V lightning protection, surge protection, voltage transient protection	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)	-30 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX.)	24 V AC ± 25% Hi-PoE	24 V AC ± 25% Hi-PoE	24 VAC ± 20%, 36 VDC ± 20%, 48 VDC ± 15% two-core terminal block	48 VDC ± 20%, two-core terminal block	24 V AC, 30W
BRACKETS	JBPW-L, PMP+WMP-L, WMP-L	JBPW-L, PMP+WMP-L, WMP-L			

THERMAL SMART LINKAGE CAMERA


	Bi-Spectrum, Mid Res
	
MODEL	DS-2TD3742-35A/P
THERMAL PIXELS, PITCH, SENSOR	384x288, 17 µm, Vanadium Oxide UFPA
SPECTRAL RESPONSE, NETD	8 to 14 µm, < 35 mk @ 25 °C
FRAME RATE @ RESOLUTION	25 fps @320x240
LENS FOCAL LENGTH	35mm
FIELD OF VIEW (H°XV°)	10.7° x 8.0°
IFOV (MRAD), MIN. FOCUS DISTANCE	0.49, 30m
OPTICAL SENSOR	4MP, 1/2.7" CMOS
FRAME RATE @ RESOLUTION	50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) 60 Hz: 30 fps (2688 x 1520, 1920 x 1080, 1280 x 720)
MIN. ILLUMINATION (LUX) WITHOUT IR	Color: 0.0089 Lux @ (F1.6, AGC ON) B/W: 0.0018 Lux @ (F1.6, AGC ON)
LENS, FIELD OF VIEW (HXV)	14.8mm, 20.59° x 11.73°
IR RANGE MAX (METERS)	N/A
OPTICAL SENSOR	4MP, 1/1.8" CMOS
FOCAL LENGTH, OPTICAL ZOOM	6-252mm, 42x
FIELD OF VIEW (H°XV°)	58.7° to 2.0°
IR RANGE MAX (METERS)	500m
PTZ RANGE	Pan: 360°, Tilt: -20° to 90°, Auto Flip
VIDEO COMPRESSION	H.265+/H.265/H.264+/ H.264/MJPEG
IMAGE ENHANCEMENT	Image Fusion, PiP, 120dB WDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes
ALARM I/O, AUDIO I/O	7/2, 1/1
RATINGS	IP66 Standard; TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
OPERATING TEMPERATURE RANGE	-40 °C to 65 °C (-40 °F to 149 °F)
POWER REQUIREMENTS (MAX.)	24 VAC, two-core terminal block





HIGHLY ACCURATE THERMOGRAPHIC SERIES

	Bi-spectrum DeepinView Short Range	Bi-spectrum DeepinView Medium Range	Bi-spectrum DeepinView Long Range
			
MODEL	DS-2TD1217B-3/PA	DS-2TD2617B-6/PA	DS-2TD2636B-13/P
FORM FACTOR	Turret	Bullet	Bullet
THERMAL PIXELS, PITCH, SENSOR	160x120, 17 µm, Vanadium Oxide UFPA	160x120, 17 µm, Vanadium Oxide UFPA	384x288, 17 µm, Vanadium Oxide UFPA
SPECTRAL RESPONSE, NETD	8 to 14 µm, < 40 mk @ 25 °C, f/1.1	8 to 14 µm, < 40 mk @ 25 °C, f/1.1	8 to 14 µm, < 40 mk @ 25 °C, f/1.0
FRAME RATE @ RESOLUTION	25 fps @ 320x240 (upscaled)	25 fps @ 320x240 (upscaled)	25 fps @ 384x288
LENS FOCAL LENGTH	3.1 mm	6.2 mm	13 mm
FIELD OF VIEW (HxV)	50.0°x37.2°	25.0°x18.7°	28.8°x21.6°
IFOV (MRAD), MIN. FOCUS DISTANCE	5.48, 0.2 m	2.74, 0.6 m	1.13, 2 m
OPTICAL SENSOR	4 MP, 1/2.7" CMOS	4 MP, 1/2.7" CMOS	4 MP, 1/2.7" CMOS
FRAME RATE @ RESOLUTION	30 fps @ 2688x1520, 1920x1080, 1280x720	30 fps @ 2688x1520, 1920x1080, 1280x720	30 fps @ 2688x1520, 1920x1080, 1280x720
MIN. ILLUMINATION (LUX)	"Color: 0.0089 @ f/1.6 B/W: 0 with IR"	"Color: 0.0089 @ f/1.6 B/W: 0 with IR"	"Color: 0.0089 @ f/1.6 B/W: 0 with IR"
LENS, FIELD OF VIEW (HXV)	"4 mm @ f/1.6, 84.0°x44.8°"	"8 mm @ f/1.6, 9.4°x22.1°"	"6 mm @ f/1.6, 51.7°x28.0°"
IR RANGE MAX (METERS)	15	40	50
VIDEO COMPRESSION	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
IMAGE ENHANCEMENT	Image Fusion, PiP, 120 dB WDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes	Image Fusion, PiP, DWDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes	Image Fusion, PiP, DWDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes
TEMPERATURE MEASUREMENT RANGE	30–45 °C (86–113 °F)	30–45 °C (86–113 °F)	30–45 °C (86–113 °F)
TEMPERATURE MEASUREMENT ACCURACY	"± 0.5°C (0.9°F) Inherent, ± 0.3°C (0.5°F) With Blackbody, at 0.8–1.5 m (2.6–4.9 ft)"	"± 0.5°C (0.9°F) Inherent, ± 0.3°C (0.5°F) With Blackbody, at 1.5–3.0 m (4.9–9.8 ft)"	"± 0.5°C (0.9°F) Inherent, ± 0.3°C (0.5°F) With Blackbody, at 2.5–7.0 m (8.2–23 ft)"
TEMPERATURE MEASUREMENTS	10 points, 10 regions and 1 line	10 points, 10 regions and 1 line	10 points, 10 regions and 1 line
FACE MASK DETECTION	Yes	Yes	Yes
ALARM I/O	"Strobe Light, Automated Voice Alarm, 1 Input, 1 Output"	"Strobe Light, Automated Voice Alarm, 2 Input, 2 Output"	2/2
AUDIO I/O	1/1	1/1	1/1
RATINGS	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed
OPERATING TEMPERATURE RANGE	10 to 35 °C (50 to 95 °F)	10 to 35 °C (50 to 95 °F)	10 to 35 °C (50 to 95 °F)
POWER REQUIREMENTS (MAX.)	12 VDC, PoE (802.3af), ≤ 6.5 W	12 VDC, PoE (802.3af), ≤ 8 W	12 VDC, 24 VAC, PoE (802.3af), ≤ 9.5 W
BRACKETS	PC140, CPM, WML, PM, CM, CB135, PM1, CM1, DS-2908ZJ, DS-2907ZJ	PM, CM, CB130, DS-2909ZJ, DS-2907ZJ	PM, CM, CB130, DS-2909ZJ, DS-2907ZJ

HIGHLY ACCURATE THERMOGRAPHIC SERIES

	
MODEL	DS-2TE127-G4A
FORM FACTOR	Blackbody Calibration Source
TEMPERATURE RANGE	5–50 °C (9–122 °F)
TEMPERATURE RESOLUTION	0.1 °C (0.18 °F)
TEMPERATURE ACCURACY	0.1 °C (0.18 °F)
TEMPERATURE STABILITY	± 0.1 °C/h (0.18 °F/h)
EFFECTIVE EMISSIVITY	0.97 ± 0.02
EFFECTIVE RADIATING AREA	70x70 mm (2.76x2.76 in.)
DIMENSIONS	120x176.6x119.6 mm (4.72x6.95x4.71 in.)
WEIGHT	1.85 kg (4.08 lb)
POWER REQUIREMENTS (MAX.)	100–240 VAC, 20 W
MOUNTING	Tripod Ready (1/4"-20 UNC thread)
TRIPOD	DS-2907ZJ

HIGHLY ACCURATE THERMOGRAPHIC SERIES

	Medium Range	Short Range
		
MODEL	DS-2TP21B-6AVF/W	DS-2TP31B-3AUF
FORM FACTOR	Handheld	Handheld
THERMAL PIXELS, PITCH, SENSOR	160x120, 17 µm, Vanadium Oxide UFPA	160x120, 17 µm, Vanadium Oxide UFPA
SPECTRAL RESPONSE, NETD	8 to 14 µm, ≤ 40 mK @ 25 °C, f/1.1	8 to 14 µm, ≤ 40 mK @ 25 °C, f/1.0
THERMAL LENS	6.2 mm	3.1 mm
FIELD OF VIEW (HXV)	25.0°x18.7°	37.2°x50.0°
IFOV (MRAD)	2.74	5.48
THERMOGRAPHY	Measurements: Min., Max., Center, and Custom Point/Line/Area Measurement Range: 30–45 °C (86–113 °F) Accuracy: ± 0.5°C (0.9°F) at 1.0–2.0 m (3.3–6.6 ft)	Measurements: Min., Max., Center, and Custom Point/Line/Area Measurement Range: 30–45 °C (86–113 °F) Accuracy: ± 0.5°C (0.9°F) at 1.0 m (3.3 ft)
TEMPERATURE ALARMS	Audible, Visual Highlight	Temperature Color Change
OPTICAL CAMERA	8 MP	-
IMAGE ENHANCEMENT	Image Fusion, PiP, 4x Zoom, 7 Palettes	4 Palettes
DISPLAY	640x480, 3.5 in, LCD Touch Display	240x320, 2.4 in, LCD Display
BATTERY	Removeable Li-ion, Lasts 4 to 5 Hours	Built-in Li-ion, Lasts 8 Hours
RECORD VIDEO, SNAPSHOT, TEXT/VOICE	Yes, Yes, Yes	No, Yes, No
LOCAL STORAGE	16 GB Micro SD Included	8 GB Micro SD Included
WI-FI, GPS	Yes, No	No, No
INTERFACE	USB-C, Bluetooth, Wi-Fi	Micro USB
LED LIGHT, LASER SIGHT	Yes, No	No, Yes
DROP TEST HEIGHT	2 m (6.56 ft)	2 m (6.56 ft)
STANDARDS	IP54	IP54
OPERATING TEMPERATURE RANGE	10 to 35 °C (50 to 95 °F)	10 to 35 °C (50 to 95 °F)
DIMENSION (LXWXH)	244x100x104 mm (9.6x3.9x4.1 in)	196x117x59 mm (7.7x4.6x2.3 in)
WEIGHT	653 g (1.44 lb)	350 g (0.77 lb)
TRIPOD	DS-2907ZJ	DS-2907ZJ

Performance & Value IP Cameras



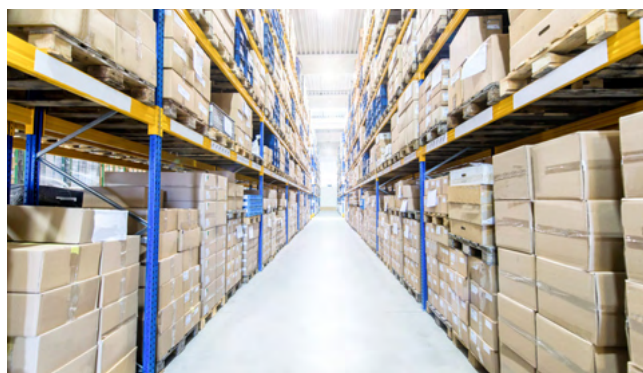
FEATURES

Hikvision ColorVu cameras deliver crisp, full color, full-motion video in complete darkness, by using a high performance sensor, a large iris, and gentle supplemental lighting.

For performance on a budget, Hikvision offers its Performance and Value Series products. Equipped with key Smart Pro features, these products deliver greater flexibility with select feature sets, and several models are available in an optional black finish. A selection of Performance cameras and Value PTZs include DarkFighter technology to enhance performance in low light conditions. And Value Series cameras are now available in 8 MP (4K UHD) resolution.

- Hikvision's H.265+ video compression technology captures surveillance video using a decreased bitrate, reducing bandwidth requirements and storage costs
- EXIR 2.0 (EXtended InfraRed) technology uses the latest manufacturing components and techniques to improve low light performance, efficiency and lifetime of the IR device
- Powered by DarkFighter technology in Performance Series cameras and Value PTZs improves video quality in low light conditions

APPLICATIONS



Office Buildings, Warehouses and Factories



Parking Lots



Residential



NETWORK CAMERA

									
MODEL	PCI-D12Z2S PCI-D15Z2S PCI-D18Z2S	PCI-B12Z2S PCI-B15Z2S PCI-B18Z2S	PCI-D12F2S PCI-D12F4S PCI-D12F6S PCI-D15F2S PCI-D15F4S PCI-D15F6S	PCI-T12F2S PCI-T12F4S PCI-T12F6S PCI-T15F2S PCI-T15F4S PCI-T15F6S PCI-T18F2S PCI-T18F4S PCI-T18F6S	PCI-B12F2S PCI-B12F4S PCI-B12F6S PCI-B15F2S PCI-B15F4S PCI-B15F6S PCI-B18F2S PCI-B18F4S PCI-B18F6S	PCI-LB12F2S PCI-LB12F4S PCI-LB12F6S PCI-LB12F12S PCI-LB15F2S PCI-LB15F4S PCI-LB15F6S PCI-LB15F12S PCI-LB18F2S PCI-LB18F4S PCI-LB18F6S PCI-LB18F12S	PCI-T15F2SL PCI-T15F4SL PCI-T15F6SL	PCI-B15F2SL PCI-B15F4SL PCI-B15F6SL	PCI-LB15F2SL PCI-LB15F4SL PCI-LB15F6SL
FORM FACTOR	Outdoor VF Dome	Outdoor VF Bullet	Outdoor Dome	Outdoor Turret	Outdoor Mini Bullet	Outdoor Long Bullet	Outdoor Turret	Outdoor Mini Bullet	Outdoor Long Bullet
MEGAPIXELS	2/5/8 MP	2/5/8 MP	2/5 MP	2/5/8 MP	2/5/8 MP	2/5/8 MP	5 MP	5 MP	5 MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	2 MP: 1/2.8" 5 MP: 1/2.7" 8 MP: 1/1.8"	2 MP: 1/2.8" 5 MP: 1/2.7" 8 MP: 1/1.8"	2 MP: 1/2.8" 5 MP: 1/2.7"	2 MP: 1/2.8" 5 MP: 1/2.7" 8 MP: 1/1.8"	2 MP: 1/2.8" 5 MP: 1/2.7" 8 MP: 1/1.8"	2 MP: 1/2.8" 5 MP: 1/2.7" 8 MP: 1/1.8"	1/2.7"	1/2.7"	1/2.7"
MIN. ILLUMINATION (LUX)	2MP: 0.002 Lux@f/1.4 5MP: 0.003 Lux @f/1.6 8MP: 0.003 Lux @f/1.6	2MP: 0.002 Lux@f/1.4 5MP: 0.002 Lux @f/1.4 8MP: 0.003 Lux @f/1.6	2MP: 0.002 Lux@f/1.4 5MP: 0.003 Lux @f/1.4	2MP: 0.002 Lux@f/1.4 5MP: 0.003 Lux @f/1.4 8MP: 0.003 Lux @f/1.6	2MP: 0.002 Lux@f/1.4 5MP: 0.003 Lux @f/1.4 8MP: 0.003 Lux @f/1.6	2MP: 0.002 Lux@f/1.4 5MP: 0.003 Lux @f/1.4 8MP: 0.003 Lux @f/1.6	0.003 Lux @f/1.4	0.003 Lux @f/1.4	0.003 Lux @f/1.4
LENS	2.7mm to 13.5mm	2.7mm to 13.5mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm, 12mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm
DAY/NIGHT, BLC, WDR	True, Yes, 120 dt	True, Yes, 120 dt	True, Yes, 120 dt	True, Yes, 120 dt	True, Yes, 120 dt	True, Yes, 120 dt	True, Yes, 120 dt	True, Yes, 120 dt	True, Yes, 120 dt
IR RANGE MAX (METERS)	40 m	60 m	40 m	40 m	40 m	90m	40 m	40 m	60m
VISUAL ALARM/BI MIC/BI SPK							Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes
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
MAX. IMAGE RESOLUTION (PIXELS) AND FRAME RATE	2 MP (1920×1080) @60 fps 5 MP (2688×1520) @20 fps 8 MP (3840×2160) @20 fps	2 MP (1920×1080) @60 fps 5 MP (2592×1944) @20 fps 8 MP (3840×2160) @20 fps	2 MP (1920×1080) @60 fps 5 MP (2592×1944) @20 fps	2 MP (1920×1080) @60 fps 5 MP (2592×1944) @20 fps 8 MP (3840×2160) @20 fps	2 MP (1920×1080) @60 fps 5 MP (2592×1944) @20 fps 8 MP (3840×2160) @20 fps	2 MP (1920×1080) @60 fps 5 MP (2592×1944) @20 fps 8 MP (3840×2160) @20 fps	(2592×1944) @20 fps	(2592×1944) @20 fps	(2592×1944) @20 fps
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
ALARM INPUT/OUTPUT	1/1	1/1	1/1	1/1	1/1	2/2	1/1	-	2/2
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	IP67 . UL/cUL Listed	IP67 . UL/cUL Listed
OPERATING TEMPERATURE RANGE	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)
POWER REQUIREMENTS (MAX.)	12 VDC, 0.92 A, max. 11 W	12 VDC, 1.08 A, max. 13 W	12 VDC, 0.55A, max. 6.5 W	12 VDC, 0.48A, max. 5.8 W	12 VDC, 0.6A, max. 7.2 W	12 VDC, 1.05A, max. 13 W	12 VDC, 0.65A, max. 7.8 W	12 VDC, 0.54A, max. 6.5 W	12 VDC, 0.95A, max. 12 W
POWER OUTPUT	-	-	12 VDC, max. 100 mA	12 VDC, max. 100 mA	12 VDC, max. 100 mA	12 VDC, max. 100 mA	-	-	-
BRACKETS	PC155, WML, CPM, RCM-5	PM-LPR	PC120, CB120,WMS, CPM	PC140, CB140PT,CPM, WML	CBS, PM, CM	CB130,PM,CM	PC140, CB140PT, CPM, WML	CBXS	CB130,PM,CM



NETWORK CAMERA

PERFORMANCE & VALUE IP

ColorVu

24/7 Color with White Light



ColorVu

24/7 Color with White Light



ColorVu

24/7 Color with White Light



ColorVu

24/7 Color with White Light



ColorVu

24/7 Color with White Light



MODEL	DS-2CD2327G1-L DS-2CD2327G1-LU DS-2CD2347G1-L DS-2CD2347G1-LU	DS-2CD2027G1-L DS-2CD2047G1-L	DS-2CD2T27G1-L DS-2CD2T47G1-L	DS-2CD2147G2-SU	DS-2CD2087G2-L
FORM FACTOR	Outdoor Turret	Outdoor Bullet	Outdoor Bullet	Outdoor Dome	Outdoor Bullet
MEGAPIXELS	2/4 MP	2/4 MP	2/4 MP	4MP	8MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	2 MP: 1/2.8" 4 MP: 1/1.8"	2 MP: 1/2.8" 4 MP: 1/1.8"	2 MP: 1/2.8" 4 MP: 1/1.8"	4 MP: 1/1.8"	8 MP: 1/1.2"
MIN. ILLUMINATION (LUX)	2 MP: 0.0035 @ f/1.0 4 MP: 0.0014 @ f/1.0 B/W: 0 with IR	2 MP: 0.0035 @ f/1.0 4 MP: 0.0014 @ f/1.0 B/W: 0 with IR	2 MP: 0.0035 @ f/1.0 4 MP: 0.0014 @ f/1.0 B/W: 0 with IR	4 MP: 0.0005 @ f/1.0, (AGC on) B/W: 0 with IR	8 MP: 0.0005 @ f/1.0 (AGC on) B/W: 0 with IR
LENS (FOV HXV)	2.8 mm/4 mm fixed lens 2 MP: 2.8 mm, H: 112°, V: 57° 4 mm, H: 89°, V: 46° 4 MP: 2.8 mm, H: 109°, V: 55° 4 mm, H: 94°, V: 48°	2.8 mm/4 mm/6 mm fixed lens 2 MP: 2.8 mm, H: 112°, V: 57° 4 mm, H: 89°, V: 47° 6 mm, H: 54°, V: 30° 4 MP: 2.8 mm, H: 102°, V: 51° 4 mm, H: 89°, V: 46° 6 mm, H: 54°, V: 30°	2.8 mm/4 mm/6 mm fixed lens 2 MP: 2.8 mm, H: 112°, V: 57° 4 mm, H: 89°, V: 46° 6 mm, H: 56°, V: 30° 4 MP: 2.8 mm, H: 109°, V: 55° 4 mm, H: 94°, V: 48° 6 mm, H: 57°, V: 31°	2.8 mm, H: 106°, V: 61° 4 mm, H: 95°, V: 51°	2.8 mm, H: 102°, V: 52° 4 mm, H: 88°, V: 49°
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 130 dB	True, Yes, 130 dB
WHITE LIGHT RANGE MAX (METERS)	30 m (Adjustable)	30 m (Adjustable)	30 m (Adjustable)	-	40 m (Adjustable)
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
MAX. IMAGE RESOLUTION (PIXELS) AND FRAME RATE	2 MP (1920x1080) @ 30fps 4 MP (2688x1520) @ 30fps	2 MP 1920x1080 @ 30fps 4 MP 2560x1440 @ 25fps	2 MP (1920x1080) @ 30fps 4 MP (2688x1520) @ 30fps	4MP (2688x1520) @ 30fps	8MP(3840 x 2160) @ 20fps
AUDIO INPUT/OUTPUT	LU: Built-in Mic	-	-	Built-in Mic	-
ALARM INPUT/OUTPUT	-	-	-	1/1	-
RATINGS	-L model: IP67 -LU model: IP66 UL/cUL Listed	IP67 . UL/cUL Listed	IP67. UL/cUL Listed	IP67. UL/cUL Listed	IP67. UL/cUL Listed
OPERATING TEMPERATURE RANGE	-30 to 60 °C (-22 to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)
POWER REQUIREMENTS (MAX.)	12 VDC, PoE (802.3af), 7.5W	12VDCPoE:(802.3af), 6.5 W	12 VDC, PoE (802.3af), 10.5W	12 VDC, PoE (802.3af), 6.5W	12 VDC, PoE (802.3af), 8.5W
BRACKETS	CPM, PC140, CB135, WML, CM, PM	CBS, CM, PM	CBS, CB130, CM, PM	PC120, CB120,WMS, CPM	CBS



NETWORK CAMERA










PERFORMANCE & VALUE IP

	DarkFighter. OUTDOOR EXIR 2.0	DarkFighter. OUTDOOR EXIR 2.0	DarkFighter. OUTDOOR EXIR 2.0	DarkFighter. OUTDOOR EXIR 2.0	DarkFighter. OUTDOOR EXIR 2.0	DarkFighter. OUTDOOR EXIR 2.0	DarkFighter. OUTDOOR EXIR 2.0	DarkFighter. OUTDOOR EXIR 2.0	DarkFighter. OUTDOOR EXIR 2.0	DarkFighter. OUTDOOR EXIR 2.0	DarkFighter. OUTDOOR EXIR 2.0	DarkFighter. INDOOR EXIR 2.0	DarkFighter. INDOOR
MODEL	DS-2CD2025FHWD-I (2 MP) DS-2CD2045FWD-I (4 MP) DS-2CD2065G1-I (6 MP) DS-2CD2085G1-I (8 MP)	DS-2CD2T25FHWD-I5 (2 MP) DS-2CD2T45FWD-I5 (4 MP) DS-2CD2T65G1-I5 (6 MP) DS-2CD2T85G1-I5 (8 MP)	DS-2CD2625FHWD-I5ZS (2 MP) DS-2CD2645FWD-I5ZS (4 MP) DS-2CD2665G0-I5ZS (6 MP) DS-2CD2685G0-I5ZS (8 MP)	DS-2CD2525FWD-IS (2 MP) * Powered by DarkFighter DS-2CD2545FWD-IS (4 MP) * Powered by DarkFighter DS-2CD2555FWD-IS (5 MP)	DS-2CD2125FHWD-IS (2 MP) DS-2CD2145FWD-IS (4MP) DS-2CD2165G0-IS (6 MP) DS-2CD2185FWD-IS (8 MP) DS-2CD2185FWD-ISB (8 MP, Color: Black)	DS-2CD2125G0-IMS DS-2CD2185G0-IMS	DS-2CD2725FHWD-I5ZS (2 MP) DS-2CD2745FWD-I5ZS (4MP) DS-2CD2765G0-I5ZS (8 MP) DS-2CD2785G0-I5ZS	DS-2CD2725F-ZS	DS-2CD2325FHWD-I (2 MP) DS-2CD2345FWD-I (4MP) DS-2CD2365G1-I (6 MP) DS-2CD2385G1-I (8 MP) DS-2CD2385G1-IB (8 MP, Color: Black)	DS-2CD2H25FWD-I5ZS (2 MP) DS-2CD2H45FWD-I5ZS (4 MP) DS-2CD2H85FWD-I5ZS (8 MP)	DS-2CD2425FWD-IW (2 MP) DS-2CD2455FWD-IW (5MP)	DS-2CD2935FWD-IS (3MP) DS-2CD2955FWD-IS (5MP)	
FORM FACTOR	Outdoor Mini Bullet	Outdoor Bullet	OUTDOOR VF BULLET	Outdoor Compact Dome	Outdoor Dome	Outdoor Dome	Outdoor VF Dome	Outdoor Dome	Outdoor Turret	Outdoor VFTurret	Cube	Indoor Fisheye	
MEGAPIXELS	2/4/6/8	2/4/6/8	2/4/6/8	2/4/5	2/4/6/8	2/8 MP	2/4/6/8 MP	2 MP	2/4/6/8 MP	2/4/8 MP	2/5 MP	3/5 MP	
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	2 MP: 1/2.8" 4 MP: 1/2.5" 6 MP: 1/2.4" 8 MP: 1/2"	2 MP: 1/2.8" 4 MP: 1/2.5" 6 MP: 1/2.4" 8 MP: 1/2"	2 MP: 1/2.8" 4 MP: 1/2.5" 6 MP: 1/2.4" 8 MP: 1/2"	2 MP: 1/2.8" 4 MP: 1/2.5" 5 MP: 1/2.9"	2 MP: 1/2.8" 4 MP: 1/2.5" 6 MP: 1/2.4" 8 MP: 1/2.5"	2 MP: 1/2.8" 8 MP: 1/2.5"	2 MP: 1/2.8" 4 MP: 1/2.5" 6 MP: 1/2.4" 8 MP: 1/2"	1/2.8"	2 MP: 1/2.8" 4 MP: 1/2.5" 6 MP: 1/2.4" 8 MP: 1/2"	2 MP: 1/2.8" 4 MP: 1/2.5" 8 MP: 1/2.5"	2 MP: 1/2.8" 4 MP: 1/2.9"	3 MP: 1/2.8" 5 MP: 1/2.5"	
MIN. ILLUMINATION (LUX)	2 MP: 0.009 @ f/1.6, 4 MP: 0.014 @ f/1.6, 6/8 MP: 0.014 @ f/1.6, B/W: 0 with IR	2 MP: 0.009 @ f/1.6, 4 MP: 0.014 @ f/1.6, 6 MP: 0.014 @ f/1.6, 8 MP: 0.014 @ f/1.6 B/W: 0 with IR	2 MP: 0.0068 @ f/1.4, 4/6/8 MP: 0.011 @ f/1.4, B/W: 0 with IR	2 MP: 0.009 @ f/1.6, 4 MP: 0.014 @ f/1.6, 5 MP: 0.028 @ f/2.0, B/W: 0 with IR	2 MP: 0.009 @ f/1.6, 4/6 MP: 0.014 @ f/1.6, 8 MP: 0.028 @ f/2.0, B/W: 0 with IR	2 MP: 0.009 @ f/1.6, 8 MP: 0.028 @ f/2.0	2 MP: 0.0068 @ f/1.4, 4/6/8 MP: 0.011 @ f/1.4, B/W: 0 with IR	Color: 0.014 @ f/1.4	2 MP: 0.009 @ f/1.6, 4/6/8 MP: 0.014 @ f/1.6 B/W: 0 with IR	2 MP: 0.0068 @ f/1.4, 4 MP: 0.011 @ f/1.4, 8 MP: 0.014 @ f/1.4, B/W: 0 with IR	2 MP: 0.009 @ f/1.6, 5 MP: 0.028 @ f/2.0, B/W: 0 with IR	3 MP: 0.016 @ f/2.2, 5 MP: 0.034 @ f/2.2 B/W: 0 with IR	
LENS (FOV H X V)	Fixed 2 MP: 2.8mm(108°),4 mm(86.4°), 6mm(52°), 8mm(41°) Fixed 4 MP: 2.8mm(109°),4 mm(88°), 6mm(53°) Fixed 6 MP: 2.8mm(99°),4 mm(80°), 6mm(60°) Fixed 8 MP: 2.8mm(102°),4 mm(78°), 6mm(50°)	Fixed 2 MP: 2.8mm(108°),4 mm(86.4°), 6mm(52°), 8mm(41°) Fixed 4 MP: 2.8mm(109°),4 mm(88°), 6mm(53°), 8mm(41°) Fixed 6 MP: 2.8mm(99°),4 mm(80°), 6mm(60°) Fixed 8 MP: 2.8mm(102°),4 mm(78°), 6mm(50°)	2.8 to 12 mm @ f/1.4, motorized, autofocus 2 MP: H: 105° to 35° V: 56° to 20° 4 MP: H: 114° to 32° V: 59° to 18° 6 MP: H: 114° to 34° V: 71° to 23° 8 MP: H: 112° to 46° V: 60° to 26°	2 MP: 2.8mm H: 108°, V: 59° 4 mm: H: 87°, V: 45° 6 mm: H: 53°, V: 29° 4 MP: 2.8mm: H: 109°, V: 60°, 4mm: H: 88°, V: 46° 6mm: H: 53°, V: 30° 5 MP: 2.8 mm: H: 97°, V: 54° 4 mm: H: 78°, V: 42° 6 mm: H: 60°, V: 33°	2 MP: 2.8 mm(108°), 4 mm(86.4°), 6 mm(52°), 8 mm(41°) 4 MP: 2.8 mm(109°),4 mm(88°), 6 mm(53°) 6 MP: 2.8 mm(99°),4 mm(80°), 6 mm(60°) 8 MP: 2.8 mm(102°),4 mm(78°), 6 mm(50°), 8 mm(40°)	2 MP: 2.8mm: H: 108°, V: 58° 4mm: H: 86°, V: 46° 6 mm, H: 52°, V: 29° 8 MP: FOV 2.8 mm,H: 102°, V: 53° 4 mm, H: 79°, V: 42° 6 mm, H: 50°, V: 28°	2.8 to 12 mm @ f/1.4, motorized, autofocus 2 MP: H: 105° to 35° V: 56° to 20° 4 MP: H: 114° to 32° V: 59° to 18° 6 MP: H: 114° to 34° V: 71° to 23° 8 MP: H: 112° to 46° V: 60° to 26°	6 to 22mm H: 44° to 25.8° V: 24.2° to 14.5°	2 MP: 2.8 mm(108°), 4 mm(86.4°), 6 mm(52°), 8mm(41°) 4 MP: 2.8 mm(109°), 4 mm(88°), 6 mm(53°), 8mm(41°) 6 MP: 2.8 mm(99°), 4 mm(80°), 6 mm(60°) 8 MP: 2.8 mm(102°), 4 mm(78°), 6 mm(50°)	2.8 to 12 mm @ f/1.4, motorized, autofocus 2 MP: H: 105° to 35° V: 56° to 20° 4 MP: H: 114° to 32° V: 59° to 18° 8 MP: H: 115° to 35° V: 60° to 19°	Fixed, 2.8mm 2 MP: H: 108°, V: 59° 4 MP: H: 97°, V: 54°	1.16 mm @ f/2.2 (H: 180°, V: 180°)/ 1.05 mm @ f/2.2 (H: 180°, V: 180°)	
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	True, Yes, 120 dB	
IR RANGE MAX (METERS)	30	50	50	10	30	30	30	-	30	30	10	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.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	
MAX. IMAGE RESOLUTION (PIXELS) AND FRAME RATE	2 MP (1920x1080), 60 (2 MP) 4 MP (2688x1520), 30 6 MP (3072x2048), 20 8 MP (3840x2160), 20	2 MP (1920x1080), 60 4 MP (2688x1520), 30 6 MP (3072x2048), 20 8 MP (3840x2160), 20	2 MP (1920x1080), 60 4 MP (2688x1520), 30 6 MP (3072x2048), 20 8 MP (3840x2160), 20	2 MP (1920x1080), 30 4 MP (2688x1520), 30 5 MP (2944x1656), 30	2 MP (1920x1080), 60 4 MP (2688x1520), 30 6 MP (3072x2048), 20 8 MP (3840x2160), 20	2 MP (1920x1080), 60 8 MP (3840x2160), 20	FHWD: 2 MP (1920x1080), 60 4 MP (2688x1520), 30 6 MP (3072x2048), 20 8 MP (3840x2160), 20	2 MP (1920x1080), 60 8 MP (3840x2160), 20	2 MP (1920x1080), 60 4 MP (2688x1520), 30 6 MP (3072x2048), 20 8 MP (3840x2160), 20	FHWD: 2 MP (1920x1080), 60 FWD: 2 MP (1920x1080), 30 4 MP (2688x1520), 30 6 MP (3072x2048), 20 8 MP (3840x2160), 20	2 MP (1920x1080), 30 5 MP (2944x1656), 20	3 MP (2048x1536), 30 5 MP (2560x1920), 30	
AUDIO INPUT/OUTPUT	-	-	IN: 1 line OUT: 1 line	IN: Mic & 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	-	IN: 1 line OUT: 1 line	
ALARM INPUT/OUTPUT	-	-	1/1	1/1	1/1	1/1	1/1	1/1	-	1/1	-	1/1	
RATINGS	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP66, IK08, UL/cUL Listed	IP67, IK10, UL/cUL Listed	UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, UL/cUL Listed	IP66, IK10, UL/cUL Listed,	UL/cUL Listed	UL/cUL Listed	
OPERATING TEMPERATURE RANGE	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-10 to 40 °C (14 to 104 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-10 to 40 °C (14 to 104 °F)	-10 to 50 °C (-14 to 122 °F)	
POWER REQUIREMENTS (MAX.)	2 MP: 12 VDC, PoE (802.3af), 6.5 W 4MP: 12 VDC, PoE (802.3af), 7 W 6/8 MP: 12 VDC, PoE (802.3af), 7.5 W	2 MP: 12 VDC, PoE (802.3af), 9 W 4/6 MP: 12 VDC, PoE (802.3af), 9.5 W 8 MP: 12 VDC, PoE (802.3af), 11 W	2 MP 12 VDC, PoE Plus (802.3af), 17.5W 4/6 MP: 12 VDC, PoE Plus (802.3af), 18W 8 MP: 12 VDC, PoE Plus (802.3af), 18W	2/5MP: 12 VDC, PoE (802.3af), 9.5 W 4MP: 12 VDC, PoE (802.3af), 10 W	2 MP: 12 VDC, PoE (802.3af), 6.5 W 4 MP: 12 VDC, PoE (802.3af), 7.5 W 6 MP: 12 VDC, PoE (802.3af), 7.5 W 8 MP: 12 VDC, PoE (802.3af), 9 W	12 VDC, PoE (802.3af), 8.5 W	2 MP: 12 VDC, PoE (802.3af), 11 W 4/6/8 MP: 12 VDC, PoE (802.3af), 12.5 W	24 VAC ± 10%, Φ5.5mm coaxial power plug; PoE (802.3af), 8.5W	2 MP: 12 VDC, PoE (802.3af), 7W 4/6 MP: 12 VDC, PoE (802.3af), 7.5W 8 MP: 12 VDC, PoE (802.3af), 9 W	12 VDC, PoE (802.3af), 12.5W	12 VDC, PoE (802.3af), 7W,	12 VDC, PoE (802.3af), 6.5 W 3 MP: 12 VDC, PoE (802.3af), 6.5 W 5 MP: 12 VDC, PoE (802.3af), 7.5 W	
BRACKETS	CBXS	PM, CM, CB130, CBS	PM1, CM1	WMS, PC120, CPM, CM, PM, CBD-MINI	CPM, CPME, WMS(B), WML(B), SRS(B), PC110(B), CB110(B), AB110(B), WM110(B)	PC120, WMS, CPM, CM, PM	WML PC155 CPM CM1 PM1 RCM-5	RCM-G, Fits in DF-5 housing	F(H)WD-I: WML(B), PC130T(B), CM, PM, CB130T(B), CBM(B), ABM(B), CPM G1-I(B): CPM, PC140(B), CB140T, WML(B), CM, PM	CPM, CPME, WMS, WML, PM1, CM1, PC135H, CB135, AB135	-	WM-C AB-FE2 PP1 PP2	



NETWORK CAMERAS

PERFORMANCE & VALUE IP

										
MODEL	DS-2CD2023G0-I DS-2CD2043G0-I DS-2CD2043G0-IB (black) DS-2CD2063G0-I DS-2CD2083G0-I	DS-2CD2623G1-I-ZS DS-2CD2643G1-I-ZS DS-2CD2663G1-I-ZS DS-2CD2683G1-I-ZS	DS-2CD2523G0-IS DS-2CD2543G0-IS / ISB DS-2CD2563G0-IS	DS-2CD2523G0-IWS DS-2CD2543G0-IWS	DS-2CD2123G0-I DS-2CD2143G0-I DS-2CD2143G0-IB (black) DS-2CD2163G0-I DS-2CD2183G0-I DS-2CD2183G0-IB (black)	DS-2CD2723G1-I-ZS DS-2CD2743G1-I-ZS DS-2CD2743G1-I-ZSB (black) DS-2CD2763G1-I-ZS DS-2CD2783G1-I-ZS DS-2CD2783G1-I-ZSB (black)	DS-2CD2323G0-I DS-2CD2343G0-I DS-2CD2343G0-IB (Black) DS-2CD2363G0-I DS-2CD2383G0-I DS-2CD2383G0-IB (black)	DS-2CD2D21G0-D/NF	DS-2CD2D21G0/M-D/NF	
FORM FACTOR	Outdoor Mini bullet	Outdoor Varifocal Bullet	Outdoor MiniDome	Outdoor WiFi MiniDome	Outdoor Dome	Outdoor VF Dome	Outdoor Turret	Indoor Pinhole	Indoor Covert	
MEGAPIXELS	2/4/6/8 MP	2/4/6/8 MP	2/4/6 MP	2/4 MP	2/4/6/8 MP	2/4/6/8 MP	2/4/6/8 MP	2 MP	2 MP	
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	2 MP: 1/2.8" 4 MP: 1/3" 6 MP: 1/2.9" 8 MP: 1/2.5"	2 MP: 1/2.8" 4 MP: 1/3" 6 MP: 1/2.9" 8 MP: 1/2.5"	2 MP: 1/2.7" 4 MP: 1/3" 6 MP: 1/2.9" 8 MP: 1/2.5"	2 MP: 1/2.7" 4 MP: 1/3"	2 MP: 1/2.8" 4 MP: 1/3" 6 MP: 1/2.9" 8 MP: 1/2.5"	2 MP: 1/2.8" 4 MP: 1/3" 6 MP: 1/2.9" 8 MP: 1/2.5"	2 MP: 1/2.8" 4 MP: 1/3" 6 MP: 1/2.9" 8 MP: 1/2.5"	+H10+H10	1/2.7"	
MIN. ILLUMINATION (LUX)	2 MP: 0.028 @ f/2.0, 4 MP: 0.018 @ f/1.6, 6 MP: 0.028 @ f/2.0, 8 MP: 0.028 @ f/2.0	2/4/6 MP: 0.018 @ f/1.6 B/W: 0 with IR	2 MP: 0.028 @ f/2.0, 4 MP: 0.018 @ f/1.6, 6 MP: 0.028 @ f/2.0, B/W: 0 with IR	2 MP: 0.028 @ f/2.0, 4 MP: 0.018 @ f/1.6, B/W: 0 with IR	2 MP: 0.028 @ f/2.0, 4 MP: 0.018 @ f/1.6, 6 MP: 0.028 @ f/1.6, 8 MP: 0.028 @ f/2.0, B/W: 0 with IR	2/4/6 MP: 0.018 @ f/1.6 B/W: 0 with IR	2 MP: 0.028 @ f/2.0, 4 MP: 0.018 @ f/1.6, 6 MP: 0.028 @ f/2.0, 8 MP: 0.028 @ f/2.0, B/W: 0 with IR	Color: 0.025 @ f/1.2	Color: 0.025 @ f/1.2	
LENS (FOV H X V)	2 MP: 2.8 mm H:103°, V: 59° 4 mm H: 86°, V: 46° 4 MP: 2.8 mm H 103°, V 58° 4 mm H 83°, V: 45° 6 MP H 2.8 mm, : 97°, V: 63° 4 mm H 78°, V: 50° 8 MP, 2.8 mm H102°, V: 53° 4 mm, H 79°, V: 42°	2.8 to 12 mm @ f/1.4, motorized, autofocus 2 MP: H 110° to 31° V: 58° to 18° 4 MP: H 104° to 29° V: 55° to 17° 6 MP: H 88° to 27° V: 56° to 18° 8 MP: H 105° to 34.5° V 55° to 19°	2 MP: 2.8 mm, :H 114°, V: 62° 4 mm, :H 86°, V: 46° 4 MP: 2.8 mm, H: 98°, V: 55° 4 mm, :H 78°, V: 42° 6 MP: 2.8 mm, :H 97°, V: 67° 4 mm, :H 78°, V: 53°	2 MP: 2.8 mm, H 114°, V: 62° 4 mm, :H 86°, V: 46° 4 MP: 2.8 mm, H 98°, V: 55° 4 mm, H 78°, V: 42°	2/4/6 MP- Fixed, 2.8mm,4 mm 8 MP- Fixed, 2.8mm 2 MP: 2.8 mm,H: 114°, V: 62° 4 mm,H: 86°, V: 46° 4 MP: 2.8 mm, H: 103°, V: 58° 4 mm, H: 83°, V: 45° 6 MP: 2.8 mm,H: 97°, V: 63° 4 mm ,H: 78°, V: 50° 8 MP: 2.8 mm, H: 102°, V: 53°	2.8 to 12 mm @ f/1.6, motorized, autofocus 2 MP:H: 110° to 31° V: 58° to 18° 4 MP: H: 104° to 29° V: 55° to 17° 6 MP: H: 88° to 27° V: 56° to 18° 8 MP: H: 105° to 34.5° V: 55° to 19°	2/4/6 MP- Fixed, 2.8mm,4 mm 8 MP- Fixed, 2.8mm 2 MP: 2.8 mm: H: 114°, V: 62° 4 mm: H: 86°, V: 46° 4 MP: 2.8 mm: H: 103°, V: 58° 4 mm: H: 83°, V: 45° 6 MP: 2.8 mm: H: 97°, V: 63° 4 mm: H: 78°, V: 50° 8 MP: 2.8 mm, H: 102°, V: 53° 4 mm, H: 79°, V: 42°	Pinhole, 3.7 mm @ f/1.2/ 78° H: 78°, V: 43°	2.8 mm @ f/1.2 or 4.0 mm @ f/1.2 / 114° (2.8 mm), 86° (4.0 mm) 2.8 mm:v H: 114°,V: 62° 4 mm: H: 86°, V: 46°	
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	Electronic, No, 120 dB	Electronic, No, 120 dB	
IR RANGE MAX (METERS)	30	50	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.264/MJPEG	H.265/H.264/MJPEG	
MAX. IMAGE RESOLUTION (PIXELS)	2 MP (1920×1080), 30 4 MP (2688×1520), 30 6 MP (3072×2048), 20 8 MP (3840×2160), 15	2 MP (1920×1080), 30 4 MP (2688×1520), 30 6 MP (3072×2048), 20 8 MP (3840×2160), 15	2 MP (1920×1080), 30 4 MP (2688×1520), 30 6 MP (3072×2048), 20	2 MP (1920×1080), 30 4 MP (2688×1520), 30	2 MP (1920×1080), 30 4 MP (2688×1520), 30 6 MP (3072×2048), 20 8 MP (3840×2160), 15	2 MP (1920×1080), 30 4 MP (2688×1520), 30 6 MP (3072×2048), 20 8 MP (3840×2160), 15	2 MP (1920×1080), 30 4 MP (2688×1520), 30 6 MP (3072×2048), 20 8 MP (3840×2160), 15	2 MP (1920×1080), 30 4 MP (2688×1520), 30 6 MP (3072×2048), 20 8 MP (3840×2160), 15	2 MP (1920×1080)	2 MP (1920×1080)
AUDIO INPUT/OUTPUT	-	IN: 1 line OUT: 1 line	In: Mic & 1 line Out: 1 line	In: Mic & 1 line Out: 1 line	-	IN: 1 line OUT: 1 line	-	-	-	
ALARM INPUT/OUTPUT	-	1/1	1/1	1/1	-	1/1	-	-	-	
RATINGS	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP66, IK8, UL/cUL Listed	IP66, IK8, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	
OPERATING TEMPERATURE RANGE	-30 to 50 °C (-22 to 122 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	
POWER REQUIREMENTS (MAX.)	12 VDC, PoE (802.3af), 7.5 W	12 VDC, PoE (802.3at), 18 W	12 VDC, PoE (802.3af), 10 W	12 VDC, PoE (802.3af), 10 W	2/4 MP: 12 VDC, PoE (802.3af), 7.5 W 6/8 MP: 12 VDC, PoE (802.3af), 9 W	12 VDC, PoE (802.3at), 12 W	2/4/6 MP:12 VDC, PoE (802.3af), 7.5 W 8 MP: 12 VDC, PoE (802.3af), 8 W	12 VDC, 3 W	12 VDC, 3 W	
BRACKETS	CBXS(B)	CBS, CB130, CM, PM	WMS(B), PC120(B), CPM, CM, PM, CBD-MINI(B)	WMS(B), PC120(B), CPM, CM, PM, CBD-MINI(B)	CPM, CPME, WMS(B), WML(B), SRS(B), PC110(B), CB110(B), AB110(B), WM110(B)	WML(B), PC155(B), CPM, CM1, PM1, CB155(B), RCM-DM44	WML(B), PC130T(B), CM, PM, CB130T(B), CBM(B), ABM(B), CPM	-	-	

Value Network PTZ Camera



FEATURES

Hikvision ColorVu imaging technology provides vivid images and video around the clock, even in zero-light environments, by using a high-performance sensor, a large iris, and gentle supplemental lighting.

Darkness provides cover for theft, trespassing, and other crimes. While infrared illumination brings out more details in nighttime lighting conditions, it only provides black and white images.



With ColorVu cameras, the true color of a person's clothing or the color of a vehicle is clearly visible in live viewing mode and in recorded video footage—during daytime, nighttime, and poor lighting conditions.

- Clear, full color images—day and night—with brilliant detail and clarity for more rapid identification of intruders.
- Improved safety for employees and customers walking in parking lots or other poorly lit areas at all times of day and night. It illuminates darkened walkways within cities, buildings, or on campuses.
- Around the clock, it reduces risk and enhances details when reviewing footage after an incident.



NETWORK PTZ CAMERAS

PERFORMANCE & VALUE IP

															
MODEL	DS-2DE2204IW-DE3	DS-2DE2A404IW-DE3	DS-2DE3A400BW-DE	DS-2DE3304W-DE	DS-2DY3220IW-DE	DS-2DY3220IW-DE4	DS-2DE4A225IW-DE DS-2DE4A425IW-DE	DS-2DE4225W-DE3	DS-2DE4225W-DE	DS-2DE4425IW-AE	DS-2DE5225IW-AE	DS-2DE5232W-AE	DS-2DE7232IW-AE	DS-2DE7430IW-AE DS-2DE7530IW-AE	
TYPE	INDOOR IR PTZ	INDOOR IR PTZ	Indoor/Outdoor PTZ	INDOOR/OUTDOOR PTZ	INDOOR/OUTDOOR IR PTZ	INDOOR/OUTDOOR IR PTZ	INDOOR/OUTDOOR IR PTZ	INDOOR PTZ	INDOOR/OUTDOOR PTZ	INDOOR/OUTDOOR IR PTZ	INDOOR/OUTDOOR IR PTZ	INDOOR/OUTDOOR PTZ	INDOOR/OUTDOOR IR PTZ	INDOOR/OUTDOOR IR PTZ	INDOOR/OUTDOOR IR PTZ
MEGAPIXELS	2 MP	4 MP	4 MP	3 MP	2 MP	2 MP	2 MP, 4MP	2 MP	2 MP	4 MP	2 MP	2 MP	2 MP	2 MP	4/5 MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	1/2.8"	1/3"	1/1.8"	1/2.8"	1/2.8"	1/2.8"	1/2.8"	1/2.8"	1/2.8"	1/2.8"	1/2.8"	1/2.8"	1/2.8"	1/2.8"	1/1.9"
MIN. ILLUMINATION (LUX)	Color: 0.05 @ f/2.0 B/W: 0 with IR	Color: 0.005 @ f/1.6 B/W: 0 with IR	Color: 0.0005 @ f/1.0	Color: 0.05 @ f/1.6 B/W: 0.01 @ f/1.6	Color: 0.05 @ f/1.6 B/W: 0 with IR	Color: 0.05 @ f/1.6 B/W: 0 with IR	Color: 0.005 @ f/1.6 B/W: 0 with IR	Color: 0.005 @ f/1.6 B/W: 0.001 @ f/1.6	Color: 0.005 @ f/1.6 B/W: 0.001 @ f/1.6	Color: 0.005 @ f/1.6 B/W: 0.001 @ f/1.6	Color: 0.005 @ f/1.6 B/W: 0 with IR	Color: 0.005 @ f/1.6 B/W: 0.001 @ f/1.6	Color: 0.005 @ f/1.6 B/W: 0.001 @ f/1.5, 0 with IR	Color: 0.005 @ f/1.6 B/W: 0 with IR	Color: 0.005 @ f/1.6 B/W: 0 with IR
LENS (FOV H X V)	2.8 to 12 mm, motorized zoom, autofocus	2.8 mm to 12 mm, motorized zoom, autofocus	4mm	2.8 to 12 mm, motorized zoom, autofocus	4.7 to 94 mm, motorized zoom, autofocus	4.7 to 94 mm, motorized zoom, autofocus	4.8 to 120 mm, motorized zoom, autofocus	4.8 to 120 mm, motorized zoom, autofocus	4.8 to 120 mm, motorized zoom, autofocus	4.8 to 120 mm, motorized zoom, autofocus	4.8 to 120 mm, motorized zoom, autofocus	4.8 to 120 mm, motorized zoom, autofocus	4.8 to 153 mm, motorized zoom, autofocus	4.8 to 153 mm, motorized zoom, autofocus	5.9 to 177 mm, motorized zoom, autofocus
OPTICAL ZOOM (DIGITAL)	4x (-)	4x(16x)	-	4x (16x)	20x (16x)	20x (16x)	25x (16x)	25x (16x)	25x (16x)	25x (16x)	25x (16x)	25x (16x)	32x (16x)	32x (16x)	30x (16x)
PAN RANGE	0° to 350°	0° to 355°	0° to 355°	0° to 350°	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless
TILT RANGE	0° to 90°	0° to 90°	0° to 90°	0 to 90°	-40° to 30°	-40° to 30°	-5° to 90°	0° to 90°	0° to 90° (auto-flip)	-15° to 90° (auto flip)	-15° to 90° (auto flip)	-5° to 90°	-15° to 90°	-15° to 90°	-15° to 90°
PAN & TILT SPEED (MANUAL)	0.1° to 60°/sec. & 0.1° to 50°/sec.	Pan: 0.1° to 100°/sec Tilt: 0.1° to 100°/sec	0.1° to 60°/sec. & 0.1° to 50°/sec.	0.1° to 60°/sec. & 0.1° to 50°/sec.	0.1° to 50°/sec. & 0.1° to 25°/sec.	0.1° to 50°/sec. & 0.1° to 25°/sec.	0.1° to 300°/sec. & 0.1° to 160°/sec.	0.1° to 160°/sec. & 0.1° to 120°/sec.	0.1° to 160°/sec. & 0.1° to 120°/sec.	0.1° to 80°/sec. & 0.1° to 80°/sec.	0.1° to 120°/sec. & 0.1° to 80°/sec.	0.1° to 250°/sec. & 0.1° to 150°/sec.	0.1° to 160°/sec. & 0.1° to 120°/sec.	0.1° to 160°/sec. & 0.1° to 120°/sec.	0.1° to 160°/sec. & 0.1° to 120°/sec.
PAN & TILT SPEED (PRESET)	60°/sec. & 50°/sec.	Pan: 100°/sec. Tilt: 100°/sec.	60°/sec. & 50°/sec.	30°/sec. & 25°/sec.	50°/sec. & 25°/sec.	50°/sec. & 25°/sec.	350°/sec. & 200°/sec.	160°/sec. & 120°/sec.	160°/sec. & 120°/sec.	80°/sec. & 80°/sec.	120°/sec. & 80°/sec.	300°/sec. & 200°/sec.	240°/sec. & 200°/sec.	240°/sec. & 200°/sec.	240°/sec. & 200°/sec.
DAY/NIGHT	True	True	1	True	True	True	True	True	True	True	True	True	True	True	True
IMAGE ENHANCEMENT	DWDR, AGC, AWB, DNR, BLC	120 dB WDR, AGC, AWB, DNR, BLC	120 dB WDR, 3D DNR, HLC, EIS	DWDR, AGC, AWB, 3D DNR, HLC, BLC, Defog	DWDR, AGC, AWB, 3D DNR, HLC, BLC, Defog	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	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	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	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
IR RANGE MAX (METERS)	20	20	30 m white light	-	100	100	50	-	-	100	150	-	150	150	
3D POSITIONING	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
VIDEO COMPRESSION	H.265+/H.265/ H.264+/H.264/MJPEG	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	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	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) AND FRAME RATE	2 MP (1920x1080), 30	2560x1440, 24	4 MP (2560x1440), 30	3 MP (2048x1536), 30	2 MP (1920x1080), 60	2 MP (1920x1080), 60	2 MP (1920x1080), 60 4MP: 2560x1440, 30	2 MP (1920x1080), 30	2 MP (1920x1080), 30	4 MP (2560x1440), 30	2 MP (1920x1080), 30	2 MP (1920x1080), 60	2 MP (1920x1080), 60	4 MP (2560x1440), 30 5 MP (2592x1944), 30	
RATINGS	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, UL/cUL Listed	UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	
OPERATING TEMPERATURE RANGE	-10 to 50 °C (14 to 122 °F)	-20 to 60 °C (-4 to 140 °F)	-30 to 65 °C (-22 to 149 °F)	-30 to 65 °C (-22 to 149 °F)	-30 to 65 °C (-22 to 149 °F)	-30 to 65 °C (-22 to 149 °F)	-30 to 65 °C (-22 to 149 °F)	-10 to 50 °C (14 to 122 °F)	-30 to 65 °C (-22 to 149 °F)	-30 to 65 °C (-22 to 149 °F)	-30 to 65 °C (-22 to 149 °F)	-30 to 65 °C (-22 to 149 °F)	-30 to 65 °C (-22 to 149 °F)	-30 to 65 °C (-22 to 149 °F)	
POWER REQUIREMENTS (MAX.)	12 VDC, PoE (802.3af), 9 W	12 VDC, PoE (802.3af), 11.2 W (4.2W for IR)	12V DC PoE (802.3af), 14 W	12 VDC, PoE (802.3af), 8 W	12V DC PoE (802.3at), 19 W	12V DC PoE (802.3at), 19 W	12 VDC, PoE (802.3at), 23 W	12 VDC, PoE+ (802.3at), 18 W	12V DC Hi-PoE, 18 W	12 VDC, PoE (802.3at)	24V AC, Hi-PoE, 30 W	24V AC, Hi-PoE, 22 W	24V AC, Hi-PoE, 40 W	24V AC, Hi-PoE (802.3at), 40 W	
BRACKETS	PP1, PP2, WM-C	PP1, PP2, WMP-MPZ	Wall Mount Included	PC140PT, RPM, WMS, WML, PM, CM, RCM-4, PC140PT, CPM, CPME, CB140PT	Wall Mount Included	Wall Mount Included	PC-DE4A, RPM, WML, PM, CM, RCM-DE4A, CPM, CPME, CB-DE4A	Ceiling Recess/Flush Mount Included	RPM, WMP-L, CMP, PMP, JBPW-L, CMP-JB, PMP-JB, CPM-S, CPM-L, CPMPE	RPM, WMP-L, CMP, PMP, JBPW-L, CMP-JB, PMP-JB, CPM-S, CPM-L, CPMPE	RPM, WMP-L, CMP, PMP, JBPW-L, CMP-JB, PMP-JB, CPM-S, CPM-L, CPMPE	RPM, WMP-L, CMP, PMP, JBPW-L, CMP-JB, PMP-JB, CPM-S, CPM-L, CPMPE	RPM, WMP-L, CMP, PMP, JBPW-L, CMP-JB, PMP-JB, CPM-S, CPM-L, CPMPE	RPM, WMP-L, CMP, PMP, JBPW-L, CMP-JB, PMP-JB, CPM-S, CPM-L, CPMPE	

Value Express IP Cameras



Designed and built for projects that are budget-conscious and require excellent performance, our Value Express product family is equipped with H.265+ video compression technology. This range of IP and TurboHD products offer all camera housing models including dome, bullet, turret, varifocal and PTZ for diverse applications. From order to installation, this family of products offers quick cost planning, is easy to order, and provides a simplified installation process.

FEATURES

- Perfect for budget-minded customers
- Solid metal construction for durability and varied environmental conditions
- EXIR 2.0 (EXtended InfraRed) technology for excellent nighttime performance
- Multiple form factors, including Indoor/Outdoor Dome, Turret, Bullet and PTZs
- Available in 2 MP or 4 MP with fixed or motorized zoom lenses

APPLICATIONS





MODEL	EPI-4225I-DE
TYPE	Outdoor
MEGAPIXELS	2 MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	1/2.8"
MIN. ILLUMINATION (LUX)	Color: 0.005 @ f/1.6 B/W: 0 with IR
LENS (FOV H X V)	4.8mm to 120mm
OPTICAL ZOOM (DIGITAL)	25x
PAN RANGE	360° endless
TILT RANGE	From -15° to 90°
PAN & TILT SPEED (MANUAL)	0.1°/s to 80°/s & 0.1°/s to 80°/s
PAN & TILT SPEED (PRESET)	80°/s & 80°/s
IMAGE ENHANCEMENT	HLC/BLC/3D DNR/Defog/EIS/Regional Exposure/RegionalFocus
IR RANGE MAX (METERS)	100
VIDEO COMPRESSION	H.265+/H.265/H.264+/H.264
MAX. IMAGE RESOLUTION (PIXELS)AND FRAME RATE	1920x1080, 30
RATINGS	IP66, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-22 to 149 °F(-30 to 65 °C)

NETWORK CAMERA

	EXIR 2.0	EXIR 2.0	EXIR 2.0	EXIR 2.0	EXIR 2.0
MODEL	ECI-B12F ECI-B14F	ECI-D12F ECI-D14F	ECI-T22F ECI-T24F	ECI-D62Z2 ECI-D64Z2	ECI-B62Z2 ECI-B64Z2
FORM FACTOR	Outdoor Fixed Bullet	Outdoor Fixed Dome	Outdoor Fixed Turret	Outdoor VF Dome	Outdoor VF Bullet
MEGAPIXELS	2/4 MP			2/4 MP	
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	2 MP: 1/2.8" 4 MP: 1/3"	2 MP: 1/2.8" 4 MP: 1/3"	2 MP: 1/2.8" 4 MP: 1/3"	2 MP: 1/2.8" 4 MP: 1/3"	2 MP: 1/2.8" 4 MP: 1/3"
MIN. ILLUMINATION (LUX)	2 MP: Color 0.028 @ f/2.0 4 MP Color 0.03 @ f/2.0 B/W: 0 with IR			Color: 0.018 @ f/1.6 B/W: 0 with IR	
LENS (FOV H X V)	ECI-B12F: 2.8 mm, H 103°, V 59° 4 mm, H 86°, V 46° ECI-B14F: 2.8 mm, H 100°, V 55° 4 mm, H 77°, V 42° ECI-D12F: 2.8 mm, H 114°, V 62° 4 mm, H 86°, V 46° ECI-D14F: 2.8 mm, H 100°, V 55° 4 mm, H 77°, V 42° ECI-T22F: 2.8 mm, H 114.5°, V 62° 4 mm, H 86°, V 46° ECI-T24F: 2.8 mm, H 100°, V 55° 4 mm, H 77°, V 42°			2.8 to 12 mm @ f/1.6, motorized ECI-D62Z2/ECI-B62Z2: H: 98° to 34° V: 52° to 19° ECI-D64Z2/ECI-B64Z2: H: 98° to 28° V: 51° to 16°	
IR RANGE MAX (METERS)	30			30	
DAY/NIGHT, BLC, WDR	2 MP: True/Yes/Digital 4MP: True, Yes, 120 dB			2 MP: True/Yes/Digital 4MP: True, Yes, 120 dB	
VIDEO COMPRESSION	H.265+/H.265/H.264+/H.264/MJPEG			H.265+/H.265/H.264+/H.264/MJPEG	
MAX. IMAGE RESOLUTION (PIXELS)AND FRAME RATE	2 MP (1920x1080), 30 4 MP (2560x1440), 20			2 MP (1920x1080), 30 4 MP (2560x1440), 20	
SMART FEATURES	-			-	
AUDIO INPUT/OUTPUT	-			-	
ALARM INPUT/OUTPUT	-			-	
RATINGS	IP67, UL/cUL Listed; ECI-D12F IK10 IP67, UL/cUL Listed; ECI-D12F/ECI-D14F IK10			IP67, UL/cUL Listed; ECI-D62Z2/ECI-D64Z2 IK10	
OPERATING TEMPERATURE RANGE	-30 to 50 °C (-22 to 122 °F)			-30 to 50 °C (-22 to 122 °F)	
POWER REQUIREMENTS (MAX.)	ECI-B12F/ECI-B14F/ECI-D12F/ECI-D14F: 12 VDC, PoE (802.3af), 7 W ECI-T22F/ECI-T24F: 12 VDC, PoE (802.3af), 6.5 W			ECI-D62Z2/ECI-D64Z2: 12 VDC, PoE (802.3af), 12 W ECI-B62Z2/ECI-B64Z2: 12 VDC, PoE (802.3af), 12.9 W	
STANDARDS	Complies with ONVIF (Profile S and G), ASAPI. Contact for factory details			Complies with ONVIF (Profile S and G), ASAPI. Contact for factory details	
BRACKETS	CBXS	CB110, AB110, CPM, CM, PC110, WMS, WM110, SRS, SRSM	WML, PC130T, CM, PM, CB130T, CBM, ABM, CPM	CB135, AB135, PC135, WML, CPM, CM, PM, RCM-1(requires 190310441)	CB130

Network Video Recorders



Meeting all bandwidth and storage utilization requirements, Smart Pro NVRs support recording of up to 12 MP camera resolution, Ultra High Definition (UHD) output up to 4K, up to 240 TB of storage capacity, and H.265+ video compression to increase storage space by 50 to 70 percent.

Our Performance NVRs include the 2nd generation AcuSense series that filters false alarms and will recognize targets, classifying them as human, vehicle, or other. Hikvision AcuSense works by disregarding movements in nature, such as animals, rain or leaves, while triggering alerts when vehicles or humans are detected. The Quick Target Search feature easily locates the most important recordings, saving time and money when reviewing alarm and event activity.

Our popular Plug and Play NVRs provide easy installation and operation. These Value and Performance NVRs manage bandwidth and storage with H.265+ video compression technology. The newly released GUI features a more concise design. There are 5 modules for quick access and 2 modes for more efficient operation. The easy mode shows frequently used configurations. And the expert mode displays all configurations provided to professional users.

FEATURES

- High performance, fully loaded NVRs from 4- to 256-channel inputs
- H.265+ compression technology that minimizes bandwidth
- 4K Ultra High Definition (UHD) HDMI output and 1080p VGA outputs
- Storage capacity from 2 TB to 240 TB, for months of recording with built-in support of RAID 1, 5, 6 and 10 data redundancy storage NVRs
- Performance and Value Series Plug and Play NVRs ensure easy installation and configuration

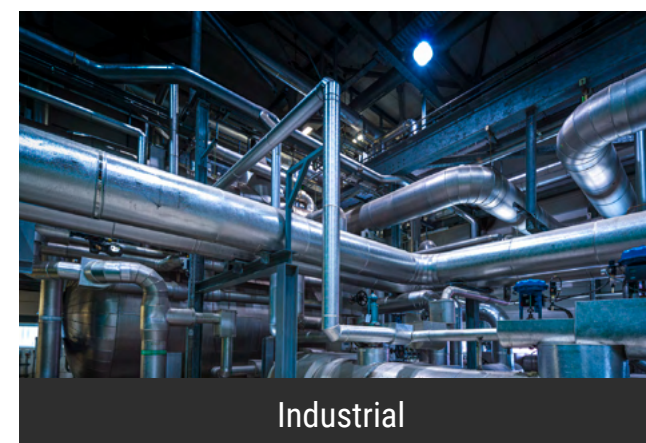
APPLICATIONS



Residential






Commercial




Industrial



NETWORK VIDEO RECORDER

	I Series	Super NVR	Super NVR	NVR's 9600
				
MODEL	DS-9616NI-I8 DS-9632NI-I8 DS-9664NI-I8	DS-96064NI-I16	DS-96128NI-I24/H DS-96256NI-I24/H	DS-96256NI-I24/H
FORM FACTOR				
MAX. RECORDING RESOLUTION	12 MP	12 MP	12 MP	12 MP
VIDEO COMPRESSION	H.264, H.264+, H.265, H.265+, MPEG4	H.265, H.265+, H.264, H.264+,MPEG4, (MJPEG for Hikvision IP camera only)	H.265, H.265+, H.264, H.264+,MPEG4, (MJPEG for Hikvision IP camera only)	H.265, H.265+, H.264, H.264+,MPEG4, (MJPEG for Hikvision IP camera only)
HDMI/VGA OUTPUT	3840x2160/2560x1440 (HDMI1/VGA1 Synchronous), 1920x1080/1920x1080 (HDMI2/VGA2 Synchronous),HDMI1/HDMI2 Independent	2 HDMI 4K (4096x2160)/4K (3840x2160) and 1 VGA at 1920x1080 Resolution, HDMI1 and HDMI2 are Independent	2 HDMI 4K (4096x2160)/4K (3840x2160) and 1 VGA at 1920x1080 Resolution, VGA/LCD Synchronous. HDMI1 and HDMI2 are Independent	2 HDMI 4K (4096x2160)/4K (3840x2160) and 1 VGA at 1920x1080 Resolution, VGA/LCD Synchronous. HDMI1 and HDMI2 are Independent
IP VIDEO INPUTS	16/32/64	64	128/256	256
ALARM INPUT/OUTPUT	16/4	16/8	16/8	16/8
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 10 TB each)	16 SATA interfaces (up to 10 TB each)	24 SATA interfaces, hot-swap, (up to 10 TB each)	24 SATA interfaces, hot-swap, (up to 10 TB each)
MAXIMUM INTERNAL STORAGE	80 TB	160 TB	240 TB	240 TB
MAX INCOMING BANDWIDTH (MBPS)	DS-9616NI-I8: 256 DS-9632NI-I8: 320 DS-9664NI-I8: 320 All (200 with RAID)	512Mbps (512 with RAID)	768	768
MAXIMUM OUTGOING BANDWIDTH (MBPS)	256 (200 with RAID)	512Mbps (400 with RAID)	128 Ch: 512 256 Ch: 768	768
RATINGS	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
RACK UNITS	2	3	4	4
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

NETWORK VIDEO RECORDER

VARIATION	DeepinMind
	
MODEL	iDS-9632NXI-I8/X
MAX. RECORDING RESOLUTION	12MP
SMART FEATURE	Up to 16-ch perimeter protection Up to 8-ch facial recognition for video stream, or up to 16-ch facial recognition for face picture Up to 8-ch video structuralization
VIDEO COMPRESSION	H.265/H.265+/H.264/H.264+/MPEG4
HDMI/VGA OUTPUT	3840x2160/2560 x 1440 (HDMI1/VGA1 Synchronous), 1920x1080/1920x1080 (HDMI2/VGA2 Synchronous),HDMI1/HDMI2 Independent
IP VIDEO INPUT	32
AUDIO INPUT/OUTPUT	1 line in/2 line out
ALARM INPUT/OUTPUT	RAID0, RAID1, RAID5, RAID6, RAID10
INTERNAL SATA	8 SATA interfaces(up to 10 TB each)
MAX. INTERNAL STORAGE	80TB
MAX INCOMING BANDWIDTH (MBPS)	320
MAXIMUM OUTGOING BANDWIDTH (MBPS)	256
MAX. REMOTE CONNECTIONS	128
RACK UNITS	2
RATINGS	UL/cUL Listed
POE BUDGET	
Power Requirements 100 to 240 VAC, 50 to 60 Hz	



NETWORK VIDEO RECORDER




VALUE

	PLUG AND PLAY	PLUG AND PLAY	PLUG AND PLAY	PLUG AND PLAY
				
MODEL	DS-7604NI-Q1/4P DS-7608NI-Q2/8P DS-7616NI-Q2/16P	DS-7608NI-H2/8P DS-7616NI-H2/16P	DS-7716NI-H4/16P	DS-7732NI-H4 DS-7732NI-H4/16P DS-7732NI-H4/24P
MAX. RECORDING RESOLUTION	8 MP	12 MP	12 MP	12 MP
VIDEO COMPRESSION	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	H.265/H.265+/H.264/H.264+/MPEG4
HDMI/VGA OUTPUT	4K (3840×2160)/1920×1080 independent output (except 4-ch)	3840×2160/1920×1080, 1920×1080/1920×1080, independent output	2x HDMI - 3840×2160/1920×1080 1x VGA - 2560×1440 1 CVBS output)	1x HDMI - 3840×2160/1920×1080, 1x VGA - 2560×1440, independent output (B and 24P models include 2x HDMI, 1 CVBS output)
IP VIDEO INPUT	4/8/16-ch IPC with integrated 4/8/16-port 802.3af/at PoE switch	8/16-ch IPC with integrated 8/16-port 802.3af/at PoE switch	16-ch IPC with integrated 16-port 802.3af/at PoE switch	32-ch without PoE 16/32-ch IPC with integrated 16/24-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
ALARM INPUT/OUTPUT	4 ch/1 ch	4 ch/1 ch	16 ch/4 ch	16 ch/4 ch
INTERNAL SATA	1 (4ch)/2 (8/16ch) SATA interface (up to 6 TB each)	2 SATA interfaces (up to 12 TB each)	4 SATA interfaces (up to 12 TB each)	4 SATA interfaces (up to 12 TB each)
MAX. INTERNAL STORAGE	6TB (4ch), 12 TB (8/16ch)	20 TB	40 TB	40 TB
MAX INCOMING BANDWIDTH (MBPS)	40 (ch.) 80 (8ch), 160 (16ch)	80 (8ch), 160 (16ch)	160	14, 16P: 256 24P: 320
MAXIMUM OUTGOING BANDWIDTH (MBPS)	80	256	256	256
MAX. REMOTE CONNECTIONS	4-ch: 16 8/16-ch: 64	8-ch: 32 16-ch: 128	128	128
RACK UNITS	1	1	1.5	1.5
RATINGS	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
POE BUDGET	50 W (4ch) 80 W (8ch), 150 W (16ch)	120 W (8ch), 280 W (16ch)	200 W	0 (14), 200 W (16P), 210 W (24P)
POWER REQUIREMENTS	48VDC (4ch), 100-240VAC (8/16ch), ≤10W without HDD	100 to 240 VAC, ≤15W without HDD	100 to 240 VAC, ≤20W without HDD	100 to 240 VAC, ≤20W without HDD



Network Video Recorder

PERFORMANCE

	ACUSENSE - HUMAN/VEHICLE DETECTION	ACUSENSE - HUMAN/VEHICLE DETECTION	ACUSENSE - HUMAN/VEHICLE DETECTION
			
MODEL	DS-7608NXI-H2/8P/S	DS-7616NXI-H2/16P/S	DS-7732NXI-H4/16P/S
MAX. RECORDING RESOLUTION	12 MP	12 MP	12 MP
SMART FEATURE	Up to 4-ch perimeter protection Up to 1-ch facial recognition for video stream Up to 4-ch facial recognition for face picture	Up to 4-ch perimeter protection Up to 1-ch facial recognition for video stream Up to 4-ch facial recognition for face picture	Up to 4-ch perimeter protection Up to 1-ch facial recognition for video stream Up to 4-ch facial recognition for face picture
VIDEO COMPRESSION	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	4K (3840×2160)/1920×1080 independent output	4K (3840×2160)/1920×1080 independent output	2x HDMI - 3840×2160/1920×1080, 1x VGA - 1920×1080, HDMI1/VGA simultaneous output 1x CVBS output
IP VIDEO INPUT	8-ch IPC with integrated 8-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
ALARM INPUT/OUTPUT	4 ch/1 ch	4 ch/1 ch	16 ch/4 ch
INTERNAL SATA	2 SATA interfaces (up to 10 TB each)	2 SATA interfaces (up to 10 TB each)	4 SATA interfaces (up to 10 TB each)
MAX. INTERNAL STORAGE	20 TB	20 TB	40 TB
MAX INCOMING BANDWIDTH (MBPS)	80	160	256
MAXIMUM OUTGOING BANDWIDTH (MBPS)	256	256	256
MAX. REMOTE CONNECTIONS	128	128	128
RACK UNITS	1	1	1.5
RATINGS	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
POE BUDGET	120 W	200 W	200 W
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

Value Express IP Kits



Value Express IP Kits are complete recorder and camera kits for single-site applications. Kits contain a 4K UHD recorder and multiple cameras in a single box, suitable for DIY residential or small business applications. These IP Kits include 4-, 8-, or 16- channel recorders along with 4, 6, or 12 cameras respectively.

FEATURES

- Includes 4 MP/4 K cameras with 2.8 mm lens
- Record up to 4K/8 MP resolution on IP cameras with 4K UHD output
- H.265+ video compression reduces data and storage usage by up to 80 percent
- Cameras include latest EXIR 2.0 illumination up to 100 ft. (30 m)
- Plug and Play operation with built-in PoE ports for ease of installation

Wi-Fi IP Kits

Wi-Fi IP Kits are complete recorder and camera kits for value-oriented users. Kits contain a 4 MP Wi-Fi recorder and multiple Wi-Fi cameras in a single box, suitable for DIY residential or small business applications. These IP Kits include 4-channel recorders along with 4 cameras respectively.









FEATURES

- Includes 4 MP cameras with 2.8 mm lens
- Record up to 4 MP resolution on Wi-Fi IP cameras with 2 MP HDMI/VGA simultaneous output
- H.265+ video compression reduces data and storage usage by up to 80 percent
- Automatic repeater function provides up to 393 ft. of Wi-Fi range
- Plug and Play operation with pre-paired cameras and NVR for ease of installation



IP NVR/Camera Kits

VALUE EXPRESS KITS

								
MODEL	EKI-K41T44	EKI-K82T46	EKI-K164T412	EKI-K41D44	EKI-K82D46	EKI-K164D412	EKI-K82B86	EKI-K41B44W
FORM FACTOR	Turret	Turret	Turret	Dome	Dome	Dome	Bullet	Bullet
NUMBER OF KIT CAMERAS	4	6	12	4	6	12	6	4
CAMERA SPECIFICATION	ECI-T24F2	ECI-T24F2	ECI-T24F2	ECI-D24F2	ECI-D24F2	ECI-D24F2	ECI-B28F2	DS-2CV1041G1-IDW
MEGAPIXELS	4 MP	4 MP	4 MP	4 MP	4 MP	4 MP	8MP	4MP
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 lux @ f/1.6 B/W: 0 with IR"	Color: 0.018 lux @ f/1.6 B/W: 0 with IR	Color: 0.018 lux @ f/1.6 B/W: 0 with IR	Color: 0.01 lux @ f/2.0 B/W: 0 with IR	Color: 0.018 lux @ f/1.6 B/W: 0 with IR
LENS	Fixed, 2.8 mm @ f/2.0	Fixed, 2.8 mm @ f/2.0	Fixed, 2.8 mm @ f/2.0	Fixed, 2.8 mm @ f/1.6	Fixed, 2.8 mm @ f/1.6	Fixed, 2.8 mm @ f/1.6	Fixed, 2.8 mm @ f/2.0	Fixed, 2.8 mm @ f/1.6
DAY/NIGHT	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
BLC/WDR	Yes/Digital	Yes/Digital	Yes/Digital	Yes/120 dB	Yes/120 dB	Yes/120 dB	Yes/Digital	Yes/Digital
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
MAX. IMAGE RESOLUTION (PIXELS)	2560×1440, 20	2560×1440, 20	2560×1440, 20	2560×1440, 20	2560×1440, 20	2560×1440, 20	3840 × 2160, 15	2560×1440, 20
MOTION DETECTION	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AUDIO INPUT/OUTPUT	-	-	-	-	-	-	-	Build-in Mic
ALARM INPUT/OUTPUT	-	-	-	-	-	-	-	-
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
OPERATING TEMPERATURE RANGE	-30 to 50 °C (-22 to 122 °F)	-30 to 50 °C (-22 to 122 °F)	-30 to 50 °C (-22 to 122 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	IP67, UL/cUL Listed
POWER REQUIREMENTS (MAX.)	12 VDC, PoE (802.3af), 6.5 W	12 VDC, PoE (802.3af), 6.5 W	12 VDC, PoE (802.3af), 6.5 W	12 VDC, PoE (802.3af), 7.5 W	12 VDC, PoE (802.3af), 7.5 W	12 VDC, PoE (802.3af), 7.5 W	12 VDC, PoE (802.3af), 7.5 W	12 VDC, 6 W
BRACKET	WML, PC130T, CM, PM, CB130T, CBM, ABM, CPM	WML, PC130T, CM, PM, CB130T, CBM, ABM, CPM	WML, PC130T, CM, PM, CB130T, CBM, ABM, CPM	CPM, CPME, WMS, WML, SRS, PC110, CB110, AB110, WM110	CPM, CPME, WMS, WML, SRS, PC110, CB110, AB110, WM110	CPM, CPME, WMS, WML, SRS, PC110, CB110, AB110, WM110	CBXS	CBXS
NVR SPECIFICATION	ERI-K104-P4	ERI-K108-P8	ERI-K216-P16	ERI-K104-P4	ERI-K108-P8	ERI-K216-P16	ERI-K108-P8	DS-7104NI-K1/W/M
MAX. RECORDING RESOLUTION	8 MP	8 MP	8 MP	8 MP	8 MP	8 MP	8 MP	4MP
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
HDMI/VGA OUTPUT	1920×1080/1920×1080, synchronized output	1920×1080/1920×1080, synchronized output	1920×1080/1920×1080, synchronized output	1920×1080/1920×1080, synchronized output	1920×1080/1920×1080, synchronized output	1920×1080/1920×1080, synchronized output	1920×1080/1920×1080, synchronized output	1920×1080/1920×1080, synchronized output
IP VIDEO INPUT	4-ch IPC with integrated 4-port 802.3af/at PoE switch	8-ch IPC with integrated 4-port 802.3af/at PoE switch	16-ch IPC with integrated 4-port 802.3af/at PoE switch	4-ch IPC with integrated 4-port 802.3af/at PoE switch	8-ch IPC with integrated 4-port 802.3af/at PoE switch	16-ch IPC with integrated 4-port 802.3af/at PoE switch	8-ch IPC with integrated 4-port 802.3af/at PoE switch	4-ch 802.11b/g/n Wireless
AUDIO INPUT/OUTPUT	---	---	---	---	---	---	---	---
ALARM INPUT/OUTPUT	---	---	---	---	---	---	---	---
INTERNAL HDD	1 TB	2 TB	4 TB	1 TB	2 TB	4 TB	2 TB	1 TB
MAX. INTERNAL STORAGE	6 TB	6 TB	6 TB	6 TB	6 TB	6 TB	6 TB	6 TB
MAX INCOMING BANDWIDTH (MBPS)	40	80	160	40	80	160	80	50
MAXIMUM OUTGOING BANDWIDTH (MBPS)	80	80	80	80	80	80	80	40
MAX. REMOTE CONNECTIONS	128	128	128	128	128	128	128	16
RACK UNITS	1	1	1	1	1	1	1	1
RATINGS	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
POE BUDGET	50 W	80 W	150 W	50 W	80 W	150 W	80 W	---
POWER REQUIREMENTS	48VDC, ≤10W without HDD	48VDC, ≤10W without HDD	48VDC, ≤15W without HDD	48VDC, ≤10W without HDD	48VDC, ≤10W without HDD	48VDC, ≤15W without HDD	48VDC, ≤10W without HDD	12VDC, ≤12W without HDD

TurboHD™ Analog Cameras



Enjoy high definition video using existing cabling with Hikvision's TurboHD (HD over Coax) HD-TVI technology. These products provide HD video up to 4K over coaxial cable at distances up to 2,600 feet (792 meters). They are specially designed for analog users who want a high definition surveillance system without the cost and time of 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. Several models are available in optional black finish.

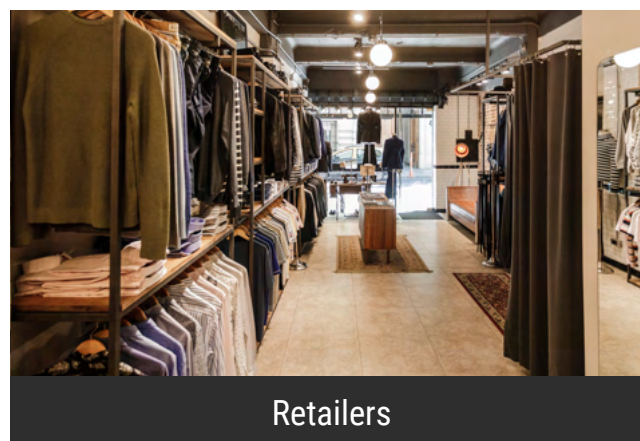
FEATURES

- Choice of budget-level Value series (U1T, H0T, D3T), Performance series (PIRL, DFT ColorVu), or fully featured Pro series (U8T, H5T, H8T, D5T, D9T) in dome, turret and bullet form factors
- Varied resolutions, including 720p, 1080p (2 MP), 5 MP and 8 MP (4K)
- Unique features like Power over Coax (PoC) models reduce installation costs dramatically
- Multi-standard support for TVI, AHD, CVI and CVBS analog signals on several camera models
- PIR (passive infrared) versions include built-in supplemental lighting
- ColorVu 24/7 color imaging in complete darkness

APPLICATIONS



Residential



Retailers






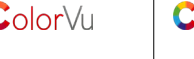







Supermarkets



TURBOHD 5.0 ANALOG CAMERA

TURBOHD™ ANALOG CAMERAS

											
MODEL	DS-2CE12DFT-PIRXOF	DS-2CE72DFT-PIRXOF	DS-2CE10DFT-F DS-2CE10DFT-F28	DS-2CE12DFT-F DS-2CE12DFT-F28	DS-2CE72DFT-F DS-2CE72DFT-F28	DS-2CE10HFT-F DS-2CE10HFT-F28	DS-2CE12HFT-F DS-2CE12HFT-F28	DS-2CE72HFT-F DS-2CE72HFT-F28	DS-2CE19DF8T-AZE	DS-2CE59DF8T-AVPZE	DS-2CE79DF8T-AZE
FORM FACTOR	Outdoor Bullet	Outdoor Turret	Outdoor Bullet	Outdoor Bullet	Outdoor Turret	Outdoor Bullet	Outdoor Bullet	Outdoor Turret	Outdoor Bullet	Outdoor Dome	Outdoor Bullet
MEGAPIXELS	2 MP	2 MP	2 MP	2 MP	2 MP	5 MP	5 MP	5 MP	2 MP	2 MP	2 MP
VIDEO OUT	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI	TVI	TVI
HD-TVI RESOLUTION	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080	2560 x 1944	2560 x 1944	2560 x 1944	1920x1080	1920x1080	1920x1080
CVBS RESOLUTION	960H	960H	960H	960H	960H	960H	960H	960H	-	-	-
SENSOR SIZE			2 MP CMOS	2 MP CMOS	2 MP CMOS	5 MP CMOS	5 MP CMOS	5 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS
MIN. ILLUMINATION (LUX)	0.0005 @ f/1.0 B/W: 0 with IR	0.0005 @ f/1.0 B/W: 0 with IR	0.0005 @ f/1.0 B/W: 0 with IR	0.0005 @ f/1.0 B/W: 0 with IR	0.0005 @ f/1.0 B/W: 0 with IR	0.0005 @ f/1.0 B/W: 0 with IR	0.0005 @ f/1.0 B/W: 0 with IR	0.0005 @ f/1.0 B/W: 0 with IR	0.0003 @ f/1.0, B/W: 0 with IR	0.0003 @ f/1.0, B/W: 0 with IR	0.0003 @ f/1.0, B/W: 0 with IR
LENS (FOV H X V)	3.6 mm, H 83.0°, V 44.4°	3.6 mm, H 83.0°, V 44.4°	Fixed 2.8mm (F28), 3.6 mm, 6 mm	Fixed 2.8mm (F28), 3.6 mm, 6 mm	Fixed 2.8mm (F28), 3.6 mm, 6 mm	Fixed 2.8mm (F28), 3.6 mm, 6 mm	Fixed 2.8mm (F28), 3.6 mm, 6 mm	Fixed 2.8mm (F28), 3.6 mm, 6 mm	2.8-12mm	2.8-12mm	2.8-12mm
DAY/NIGHT, BLC, WDR	24/7 Color/Yes/130 dB	24/7 Color/Yes/130 dB	24/7 Color/Yes/130 dB	24/7 Color/Yes/130 dB	24/7 Color/Yes/130 dB	24/7 Color/Yes/≥130 dB	24/7 Color/Yes/≥130 dB	24/7 Color/Yes/≥130 dB	24/7 Color, Yes, 130 dB	24/7 Color, Yes, 130 dB	24/7 Color, Yes, 130 dB
IR RANGE MAX (METERS)	White Light Distance Up to 40 m	White Light Distance Up to 20 m	White Light Distance Up to 20 m	White Light Distance Up to 40 m	White Light Distance Up to 20 m	up to 20 m white light distance	up to 40 m white light distance	up to 20 m white light distance	up to 40 m white light distance	up to 40 m white light distance	up to 40 m white light distance
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	IP67, UL/cUL Listed	IP68, UL/cUL Listed	IP68, IK 10, UL/cUL Listed	IP68, IK 10, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX.)	12 VDC ± 25% ; 8.5W	12 VDC ±25%, 6.6W	12 VDC ±25%, 3W	12 VDC ± 25% ; 4.2W	12 VDC ±25%, 3W	12 VDC ±25%, 3.5W	12 VDC ±25%, 4.9W	12 VDC ±25%, 3.5W	12 VDC/24 VAC ± 25% ; 12.2W	12 VDC/24 VAC ± 25% ; 12.2W	12 VDC/24 VAC ± 25% ; 12.2W
BRACKETS	CBXS	WMS, PC110T, CBS, ABS, PM, CM	CBXS	CBXS	PC110T, CBS, ABS, PM, CM	CBXS	CBXS	PC110T, CBS, ABS, PM, CM	CBS	WML, PC155, CPM	PC140, PC140PT, WML, CM, PM, CPM



TURBOHD 4.0/ ANALOG MIGRATION SOLUTIONS

Indoor



MODEL	DS-2CC12D8T-AMM
FORM FACTOR	Box (lens not included)
MEGAPIXELS	2 MP
VIDEO OUT	HD-TVI/CVBS (selectable)
HD-TVI RESOLUTION	1920x1080
CVBS RESOLUTION	960H
SENSOR SIZE	2 MP CMOS
MIN. ILLUMINATION (LUX)	Color: 0.005 @ f/1.2 B/W: 0 with IR
LENS	C/CS Mount
DAY/NIGHT, BLC, WDR	Auto/Color/BW (Black and White)/Yes/120 dB
IR RANGE MAX (METERS)	-
OSD MENU VIA UP-THE-COAX (UTC)	Yes
RATINGS	UL/cUL Listed
OPERATING TEMPERATURE RANGE	-30 to 60 °C (-22 to 140 °F)
POWER REQUIREMENTS (MAX.)	12 V DC ±25%, 24 V AC ±25%, 3W
BRACKETS	PP1, PP2, PM, CM, CHB, CHB-HBW, CHB-HB, WBS, WBL

TURBOHD 4.0/ ANALOG MIGRATION SOLUTIONS

Indoor



MODEL	DS-2CE37U8T-A
FORM FACTOR	Box (lens not included)
MEGAPIXELS	8 MP
VIDEO OUT	HD-TVI/CVBS
HD-TVI RESOLUTION	3840x2160
CVBS RESOLUTION	720x576
SENSOR SIZE	8 MP CMOS
MIN. ILLUMINATION (LUX)	Color: 0.003 @ f/1.2 B/W: 0 with IR
LENS	C/CS Mount
DAY/NIGHT, BLC, WDR	True/Yes/120 dB
IR RANGE MAX (METERS)	-
OSD MENU VIA UP-THE-COAX (UTC)	Yes
RATINGS	UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 °C to 60 °C (-40 °F to 140 °F)
POWER REQUIREMENTS (MAX.)	12 V DC ±25%, 24 V AC ±25%, 10W
BRACKETS	PP1, PP2, PM, CM, CHB, CHB-HBW, CHB-HB, WBS, WBL

TURBOHD 4.0 ANALOG CAMERA

5MP EXIR 2.0



5MP EXIR 2.0



2MP EXIR 2.0



2MP EXIR 2.0











MODEL	DS-2CE11H0T-PIRL	DS-2CE12H0T-PIRL	DS-2CE11D8T-PIRL	DS-2CE12D8T-PIRL
FORM FACTOR	Outdoor Bullet	Outdoor Bullet	Outdoor Bullet	Outdoor Bullet
VARIATION	PIR/White Light	PIR/White Light	PIR/White Light	PIR/White Light
MEGAPIXELS	5 MP	5 MP	2 MP	2 MP
VIDEO OUT	HD-TVI	HD-TVI	HD-TVI	HD-TVI
HD-TVI RESOLUTION	2560x1944	2560x1944	1920x1080	1920x1080
CVBS RESOLUTION	-	-	-	-
SENSOR SIZE	5 MP CMOS	5 MP CMOS	2 MP CMOS	2 MP CMOS
MIN. ILLUMINATION (LUX)	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.003 @ f/1.2, B/W: 0 with IR	Color: 0.003 @ f/1.2, B/W: 0 with IR
LENS (FOV H X V)	2.8 mm, H 85.5°, V 63.8°, 3.6 mm, H 80.1°, V 63.8°	2.8 mm, H 85.5°, V 63.8°, 3.6 mm, H 80.1°, V 63.8°	2.8 mm, H 103.5°, V 55°, 3.6 mm, H 79.1°, V 43°	2.8 mm, H 103.5°, V 55°, 3.6 mm, H 79.1°, V 43°
DAY/NIGHT, BLC, WDR	True/Yes/No	True/Yes/No	True, Yes, 120 dB	True, Yes, 120 dB
IR RANGE MAX (METERS)	20	20	20	20
OSD MENU VIA UP-THE-COAX (UTC)	Yes	Yes	Yes	Yes
RATINGS	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX.)	12 VDC ±25%, Max. 4 W	12 VDC ±25%, Max. 4 W	12 VDC ±25%, 4.5W	12 VDC ±25%, 4.5W
BRACKETS	CBXS	CBXS	CBXS	CBXS



TURBOHD 4.0 ANALOG CAMERA

TURBOHD™ ANALOG CAMERAS

	8MP EXIR 2.0	1080p EXIR 2.0	1080p EXIR 2.0	8MP EXIR 2.0	1080p EXIR 2.0	8MP EXIR 2.0	5MP EXIR 2.0	1080p EXIR 2.0
								
MODEL	DS-2CE16U1T-ITF	DS-2CE16D3T-ITF	DS-2CE16D3T-IT3F	DS-2CE16U1T-IT3F	DS-2CE16D3T-IT3F	DS-2CE19U1T-AIT3ZF	DS-2CE16H0T-AIT3ZF	DS-2CE19D3T-AIT3ZF
FORM FACTOR	Outdoor Bullet	Outdoor Bullet	Outdoor Bullet	Outdoor Bullet	Outdoor Bullet	Outdoor VF Bullet	Outdoor VF Bullet	Outdoor VF Bullet
VARIATION	Outdoor EXIR	Outdoor EXIR	Outdoor	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR
MEGAPIXELS	8 MP	2 MP	2 MP	8 MP	2 MP	8 MP	5 MP	2 MP
VIDEO OUT	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	HD-TVI	TVI/AHD/CVI/CVBS	HD-TVI	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS
HD-TVI RESOLUTION	3840x2160	1920x1080	1920x1080	3840x2160	1920x1080	3840x2160	2560x1944	1920x1080
CVBS RESOLUTION	960H	700TVL	700TVL	960H	700TVL	960H	960H	700TVL
SENSOR SIZE	8 MP CMOS	2 MP CMOS	2 MP CMOS	8 MP CMOS	2 MP CMOS	8 MP CMOS	5 MP CMOS	2 MP CMOS
MIN. ILLUMINATION (LUX)	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.005 @ f/1.2 B/W: 0 with IR	Color: 0.005 @ f/1.2 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.005 @ f/1.2 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.005 @ f/1.2 B/W: 0 with IR
LENS (FOV H X V)	2.8 mm, H 102.2°, 3.6 mm, H 79°, 6 mm, 50.8°	2.8 mm, H 106°, 3.6 mm, H 82°, 6 mm, H 51°	2.8 mm, H 106°, 3.6 mm, H 82°, 6 mm, H 51°	2.8 mm, H 102.2°, 3.6 mm, H 79°, 6 mm, H 50.8°, 8 mm, H 73°, 12 mm, H 23.96°	2.8 mm, H 106°, 3.6 mm, H 82°, 6 mm, H 51°, 8 mm, H 39°, 12 mm, H 24°	2.7 mm to 13.5 mm motorized vari-focal lens, H 108.1° to 45.6°	2.7 mm to 13.5 mm motorized vari-focal lens, H 95.7° to 29.1°	2.7 mm to 13.5 mm motorized vari-focal lens, H 102° to 31°
DAY/NIGHT, BLC, WDR	True/Yes/105 dB	True, Yes, 120 dB	True, Yes, 120 dB	True/Yes/105 dB	True, Yes, 120 dB	True/Yes/105 dB	True/Yes/Digital	True, Yes, 120 dB
IR RANGE MAX (METERS)	30	30	30	60	50	80	Up to 40 m	70
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	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX.)	12 VDC ±25%, 5.3W	12 VDC ±25%, 4.6W	12 VDC ±25%, 4.7W	12 VDC ±25%, 5.3W	12 VDC ±25%, 5.6W	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC @ 10.8W	12 VDC ±15%, 24 VAC ±15%, 8.9W	24 VAC ±15%, 12 VDC ±20%, 9.7W
BRACKETS	CBXS	CBXS	CBXS	CBXS	CBXS	CBS, PM, CM	CBS, PM, CM	CBS, PM, CM




TURBOHD 4.0 ANALOG CAMERA

									
MODEL	DS-2CE18U8T-IT3	DS-2CC12D9T-IT5E DS-2CC12D9T-IT3E	DS-2CE19U8T-AIT3Z	DS-2CE19H8T-AIT3ZF	DS-2CC12D9T-AIT3ZE	DS-2CE16H0T-IT3F DS-2CE16H0T-IT5F	DS-2CE17H0T-IT3F	DS-2CE16H5T-ITE DS-2CE16H5T-IT3E DS-2CE16H5T-IT5E	DS-2CE16H8T-IT3F
FORM FACTOR	Outdoor Bullet	Outdoor VF Bullet	Outdoor VF Bullet	Outdoor VF Bullet	Outdoor VF Bullet	Bullet	Bullet	Bullet	Bullet
VARIATION	Outdoor EXIR	Outdoor EXIR, Power over Coax (PoC)	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR, Power over Coax (PoC)	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR, Power over Coax (PoC)	Outdoor EXIR, Power over Coax (PoC)
MEGAPIXELS	8 MP	2 MP	8 MP	5 MP	2 MP	5 MP	5 MP	5 MP	5 MP
VIDEO OUT	HD-TVI	HD-TVI/CVBS (Dual)	"HD-TVI TVI/CVBS"	TVI/AHD/CVI/CVBS	HD-TVI/CVBS (Dual)	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	HD-TVI	TVI/AHD/CVI/CVBS
HD-TVI RESOLUTION	3840×2160	1920×1080	3840×2160	2560×1944	1920×1080	2560×1944	2560×1944	2560×1944	2560×1944
CVBS RESOLUTION	720*576	720*576	720*576	-	720*576	960H	960H	-	-
SENSOR SIZE	8 MP CMOS	2 MP CMOS	8 MP CMOS	5 MP CMOS	2 MP CMOS	5 MP CMOS	5 MP CMOS	5 MP CMOS	5 MP CMOS
MIN. ILLUMINATION (LUX)	Color: 0.003 @ f/1.2, B/W: 0 with IR	Color: 0.003 @ f/1.2, B/W: 0 with IR	Color: 0.003 @ f/1.2, B/W: 0 with IR	Color: 0.003 @ f/1.2, B/W: 0 with IR	Color: 0.003 @ f/1.2, B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.008 @ f/1.2 B/W: 0 with IR	Color: 0.003 @ f/1.2, B/W: 0 with IR
LENS (FOV H X V)	2.8 mm, H 102.2°, 3.6 mm, H 79°, 6 mm, 50.8°	2.8 mm, H 103.5°, 3.6 mm, H 82.6°, 6 mm, H 54.4°	2.8 mm to 12 mm motorized vari-focal lens, H 108.1° to 45.6°	2.7 mm to 13.5 mm motorized vari-focal lens, H 92.3° to 29.3°	2.8 mm to 12 mm motorized vari-focal lens, H 98° to 32.1°	IT5: 3.6 mm, H 80.1°, 6 mm, H 57.1°, 8 mm, H 41°, 12 mm, H 25.7° IT3: 2.8 mm, H 85.5°, 3.6 mm, H 80.1°, 6 mm, H 57.1°, 8 mm, H 41°, 12 mm, H 25.7°	2.8 mm, H 85.5°, 3.6 mm, H 80.1°, 6 mm, H 57.1°	ITE: 2.8 mm, H 91°, 3.6 mm, H 70°, 6 mm, H 45° IT3E: 2.8 mm, H 91°, 3.6 mm, H 70°, 6 mm, H 45°, 8 mm, H 41°, 12 mm, H 26° IT5E: 3.6 mm, H 70°, 6 mm, H 45°, 8 mm, H 41°, 12 mm, H 26°	2.8mm, H 98°, 3.6 mm, H 78°, 6 mm, H 48°, 8 mm, H 37°, 12 mm, H 23°
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True/Yes/130 dB	True, Yes, 120 dB	True/Yes/Digital	True/Yes/Digital	True/Yes/Digital	True/Yes/130 dB
IR RANGE MAX (METERS)	60	"IT3E: 40 IT5E: 80"	80	80	40	IT5: Up to 80 m IT3: Up to 40m	40	ITE/IT1E: 20m IT3E: 40m IT5E: 80m	60m
OSD MENU VIA UP-THE-COAX (UTC)	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	IP67, UL/cUL Listed	IP67, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX.)	12 VDC ±25%, 4.8W	"12 VDC ±30%/PoC.at, IT3E: 4W IT5E: 5.5W"	12 VDC ±25%, 24 VDC ±25%, 14.5W"	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC, 10.5W	24 V AC/12 V DC ±30%/PoC. at,7.5W	12 VDC ±25%, IT5: 5.2W IT3: 4.3W"	12 VDC ±25% 4.3W	12 V DC ±25%/PoC.af, ITE/IT1E/IT3E: 4.5W IT5E: 6.5W	12 VDC ±25%, 5.8W
BRACKETS	CBXS	CBXS	CBS, PM, CM	CBS, PM, CM	CBS, PM, CM	CBXS	CBXS	CBXS	CBXS

TURBOHD™ ANALOG CAMERAS

TURBOHD ANALOG CAMERA

	
MODEL	DS-2CE16D9T-AIRAZH
FORM FACTOR	Outdoor VF Bullet
VARIATION	Outdoor
MEGAPIXELS	2 MP
VIDEO OUT	HD-TVI/CVBS (Dual)
HD-TVI RESOLUTION	1920×1080
CVBS RESOLUTION	600TVL
SENSOR SIZE	2 MP CMOS
MIN. ILLUMINATION (LUX)	Color: 0.003 @ f/1.2, B/W: 0 with IR
LENS (FOV H X V)	5 to 50 mm motorized vari-focal lens, H 59.8°-6.2°
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB
IR RANGE MAX (METERS)	120
OSD MENU VIA UP-THE-COAX (UTC)	Yes
RATINGS	IP66, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX.)	24 VAC, 20 W
BRACKETS	-



TURBOHD 4.0 ANALOG CAMERA

TURBOHD ANALOG CAMERA

	8MP EXIR 2.0 OUTDOOR EXIR	5MP EXIR 2.0 OUTDOOR EXIR	5MP EXIR 2.0 OUTDOOR EXIR	5MP EXIR 2.0 INDOOR EXIR	8MP EXIR 2.0 OUTDOOR EXIR	5MP EXIR 2.0 OUTDOOR EXIR	1080p EXIR 2.0 OUTDOOR EXIR	1080p EXIR 2.0 OUTDOOR EXIR
MODEL	DS-2CE57U1T-VPITF	DS-2CE56H0T-VPITFB (black)	DS-2CE57H0T-VPITF	DS-2CE56H0T-AITZF	DS-2CE59U1T-AVPIT3ZF	DS-2CE56H0T-AVPIT3ZF DS-2CE56H0T-AVPIT3ZFB (black)	DS-2CE57D3T-VPITF DS-2CE57D3T-VPITFB (black)	DS-2CE5AD3T-AVPIT3ZF DS-2CE5AD3T-AVPIT3ZFB (black)
FORM FACTOR	Outdoor VF Dome	Outdoor Dome	Outdoor Dome	Indoor VF D0ome	Outdoor VF Dome	Outdoor VF Dome	Outdoor Dome	Outdoor VF Dome
MEGAPIXELS	8 MP	5 MP	5 MP	5 MP	8 MP	5 MP	2 MP	2 MP
VIDEO OUT	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS
HD-TVI RESOLUTION	3840×2160	2560×1944	2560×1944	2560×1944	3840×2160	2560×1944	1920×1080	1920×1080
CVBS RESOLUTION	960H	960H	960H	960H	960H	960H	700TVL	700TVL
SENSOR SIZEE	8 MP CMOS	5 MP CMOS	5 MP CMOS	5 MP CMOS	8 MP CMOS	5 MP CMOS	2 MP CMOS	2 MP CMOS
MIN. ILLUMINATION (LUX)	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.005 @ f/1.2 B/W: 0 with IR	Color: 0.005 @ f/1.2 B/W: 0 with IR
LENS (FOV H X V)	2.8 mm, H 102.2°, 3.6 mm, H 79°, 6 mm, 50.8°	2.8 mm, H 85.5°, 3.6 mm, H 80.1°, 6 mm, H 57.1	2.8 mm, H 85.5°, 3.6 mm, H 80.1°, 6 mm, H 57.1	2.7 mm to 13.5 mm motorized vari-focal lens, H 95.7° to 29.1°	2.8 mm to 12 mm motorized vari-focal lens, H 108.1° to 45.6°	2.7 mm to 13.5 mm motorized vari-focal lens, H 95.7° to 29.1°	2.8 mm, H 106°, 3.6 mm, H 82°, 6 mm, H 51°	2.7 mm to 13.5 mm motorized vari-focal lens, H 102° to 31°
DAY/NIGHT, BLC, WDR	TRUE/Yes/105 dB	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/105 dB	TRUE/Yes/Digital	True, Yes, 120 dB	True, Yes, 120 dB
IR RANGE MAX (METERS)	30	Up to 20 m	Up to 20 m	Up to 40 m	60	Up to 40 m	30	70
OSD MENU VIA UP-THE-COAX (UTC)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
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, IK10, UL/cUL Listed	IP67,IK10, UL/cUL Listed	IP67,IK10, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX.)	12 VDC ±25%, 5.3W	12 VDC ±25%, 4.3W	12 VDC ±25%, 4.3W	12 VDC ±15%, 24 VAC ±15%, 6.0W	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC, 8.2W	12 VDC ±15%, 24 VAC ±15%, 6.0W	12 VDC ±25%, 4.6W	24 VAC ±15%, 12 VDC ±20%, 9.7W
BRACKETS	AB110,PC110+WMS,PM,CM,CB110,W-M110,SRSM,SRS,PC110+CPM	AB110B,PC110B+WMSB,PM,CM,CB-110B,WM110B	AB110B,PC110B+WMSB,PM,CM,CB-110B,WM110B	CPM+PC130,WML+PC130,RCM-3,PM,C-M,SRSL,SRS	WML+PC140,CPM+PC140,RCM-2,ABL,P-M,CM,SRSL,SRS	WML+PC140,CPM+PC140,RCM-2,ABL,P-M,CM,SRSL,SRS	AB110(B),PC110(B)+WMSB,PM,CM,CB110(B),WM110(B),SRSM,SRS(B),P-C110+CPM	WML(B)+PC140(B),CPM+PC140,PM,C-M,CB140-DM45,SRSL

TURBOHD™ ANALOG CAMERAS



TURBOHD 4.0 ANALOG CAMERA

8MP
EXIR 2.0
OUTDOOR EXIR2MP
EXIR 2.0
INDOOR EXIR, POWER OVER
COAX (POC)8MP
EXIR 2.0
OUTDOOR EXIR5MP
EXIR 2.0
OUTDOOR EXIR, POWER OVER
COAX (POC)2MP
EXIR 2.0
OUTDOOR EXIR, POWER OVER
COAX (POC)

TURBOHD ANALOG CAMERA

5MP
OUTDOOR EXIR1080p
EXIR 2.0
OUTDOOR EXIR1080p
EXIR 2.0
OUTDOOR








MODEL	DS-2CE57U8T-VPIT	DS-2CC52D9T-AITZE	DS-2CE59U8T-AVPIT3Z	DS-2CE59H8T-AVPIT3ZF	DS-2CC52D9T-AVPIT3ZE	DS-2CE57H8T-VPITF	DS-2CE57D3T-VPITF DS-2CE57D3T-VPITFB (black)	DS-2CE56D5T-AVPIR3ZH
FORM FACTOR	Outdoor Dome	Indoor VF Dome	Outdoor VF Dome	Outdoor VF Dome	Outdoor VF Dome	Outdoor Dome	Outdoor Dome	Outdoor VF Dome
MEGAPIXELS	8 MP	2 MP	8 MP	5 MP	2 MP	5 MP	2 MP	2 MP
VIDEO OUT	HD-TVI	HD-TVI/CVBS (Dual)	HD-TVI	TVI/AHD/CVI/CVBS	HD-TVI/CVBS (Dual)	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	HD-TVI/CVBS (Dual)
HD-TVI RESOLUTION	3840×2160	1920×1080	3840×2160	2560×1944	1920×1080	2560×1944	1920×1080	1920×1080
CVBS RESOLUTION	720×576	720×576	720×576	-	720×576	-	700TVL	600TVL
SENSOR SIZE	8 MP CMOS	2 MP CMOS	8 MP CMOS	5 MP CMOS	2 MP CMOS	5 MP CMOS	2 MP CMOS	2 MP CMOS
MIN. ILLUMINATION (LUX)	Color: 0.003 @ f/1.2, B/W: 0 with IR	Color: 0.003 @ f/1.2, B/W: 0 with IR	Color: 0.003 @ f/1.2, B/W: 0 with IR	Color: 0.003 @ f/1.2, B/W: 0 with IR	Color: 0.003 @ f/1.2, B/W: 0 with IR	Color: 0.003 @ f/1.2, B/W: 0 with IR	Color: 0.005 @ f/1.2 B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR
LENS (FOV H X V)	2.8 mm, H 102.2°, 3.6 mm, H 79°, 6 mm, 50.8°	2.8 mm to 12 mm motorized vari-focal lens, H 32.1° to 98°	2.8 mm to 12 mm motorized vari-focal lens, H 108.1° to 45.6°	2.7 mm to 13.5 mm motorized vari-focal lens, H 92.3° to 29.3°	2.8 mm to 12 mm motorized vari-focal lens, H 98° to 32.1°	2.8 mm, H 98°, 3.6 mm, H 78°, 6 mm, H 48°	2.8 mm, H 106°, 3.6 mm, H 82°, 6 mm, H 51°	2.8 to 12 mm motorized vari-focal lens, H 103°- 32.1°
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	TRUE/Yes/130 dB	True, Yes, 120 dB	TRUE/Yes/130 dB	True, Yes, 120 dB	True, Yes, 120 dB
IR RANGE MAX (METERS)	40	40	60	60	40	30	30	40
OSD MENU VIA UP-THE-COAX (UTC)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
RATINGS	IP67,IK10 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,IK10, UL/cUL Listed	IP67,IK10 UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX.)	12 VDC ±25%, 4.8W	24 VAC/12 VDC ±30%/PoC.at,6W	12 VDC ±25%, 24 VDC ±25%, 10.5W	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC, 8W	24 VAC/12 VDC ±30%/PoC.at,6W	12 VDC ±25%, 5.8W	12 VDC ±25%, 4.6W	24 VAC, 9 W
BRACKETS	AB110,PC110+WMS,PM,CM,CB110,W- M110,SRSM,SRS,PC110+CPM	CPM+PC130,WML+PC130,RCM-3,PM,C- M,SRSL,SRS	WML+PC140,CPM+PC140,RCM-2,ABL,P- M,CM,SRSL,SRS	WML+PC140,CPM+PC140,RCM-2,ABL,P- M,CM,SRSL,SRS	WML+PC140,CPM+PC140,RCM-2,ABL,PM,CM, SRSL,SRS	AB110,PC110+WMS,PM,CM,CB110,W- M110,SRSM,SRS,PC110+CPM	AB110(B),PC110(B)+WMSB,PM,CM,C- B110(B),WM110(B),SRSM,SRS(B),PC110+CPM	WML+PC140,CM,PM,CPM+P- C140,RCM-2



TURBOHD 4.0 ANALOG CAMERA

	5MP PIR/WHITE LIGHT OUTDOOR EXIR	2MP EXIR 2.0 OUTDOOR EXIR	8MP EXIR 2.0 OUTDOOR EXIR
			
MODEL	DS-2CE71H0T-PIRL	DS-2CE71D0T-PIRL	DS-2CE71D8T-PIRL
FORM FACTOR	Outdoor Turret	Outdoor Turret	Turret
MEGAPIXELS	5 MP	2 MP	2 MP
VIDEO OUT	HD-TVI	HD-TVI	HD-TVI
HD-TVI RESOLUTION	2560×1944	1920×1080	1920×1080
CVBS RESOLUTION	-	-	-
SENSOR SIZE	5 MP CMOS		2 MP CMOS
MIN. ILLUMINATION (LUX)	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.01 @ f/1.2, AGC on B/W: 0 with IR	Color: 0.003 @ f/1.2, B/W: 0 with IR
LENS (FOV H X V)	Fixed 2.8 mm, 3.6 mm	Fixed 2.8 mm, 3.6 mm	Fixed 2.8 mm, 3.6 mm
DAY/NIGHT, BLC, WDR	True, Yes, DWDR	True, Yes, 120 dB	True, Yes, 130 dB
IR RANGE MAX (METERS)	20	20	20
OSD MENU VIA UP-THE-COAX (UTC)	Yes	Yes	Yes
RATINGS	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX.)	12 VDC ±25%, 4W	12 VDC ±25%, 4W	12 VDC ±25%, 4.5W
BRACKETS	WMS+PC110T,PM,CM,CBS,ABS	PC110T/CBS/ABS	PC110T/CBS/ABS

TURBOHD 4.0 ANALOG CAMERA

	5MP EXIR 2.0 OUTDOOR EXIR	8MP EXIR 2.0 OUTDOOR EXIR	5MP EXIR 2.0 OUTDOOR EXIR POWER OVER COAX (POC)	5MP EXIR 2.0 OUTDOOR EXIR	2MP EXIR 2.0 OUTDOOR EXIR POWER OVER COAX (POC)	8MP EXIR 2.0 OUTDOOR EXIR	5MP EXIR 2.0 OUTDOOR EXIR
							
MODEL	DS-2CE76H8T-ITMF	DS-2CE78U8T-IT3	DS-2CE56H5T-IT3E	DS-2CE78H8T-IT3F	DS-2CC52D9T-IT3E	DS-2CE79U8T-IT3Z	DS-2CE79H8T-AIT3ZF
FORM FACTOR	Outdoor Turret	Outdoor Turret	Turret	Outdoor Turret	Outdoor Turret	Outdoor VF Turret	Outdoor VF Turret
MEGAPIXELS	5 MP	8 MP	5 MP	5 MP	2 MP	8 MP	5 MP
VIDEO OUT	TVI/AHD/CVI/CVBS	HD-TVI	HD-TVI	TVI/AHD/CVI/CVBS	HD-TVI/CVBS (Dual)	HD-TVI	TVI/AHD/CVI/CVBS
HD-TVI RESOLUTION	2560×1944	3840×2160	2560×1944	2560×1944	1920×1080	3840×2160	2560×1944
CVBS RESOLUTION	-	720*576	-	-	720*576	720*576	-
SENSOR SIZE	5 MP CMOS	8 MP CMOS	5 MP CMOS	5 MP CMOS	2 MP CMOS	8 MP CMOS	5 MP CMOS
MIN. ILLUMINATION (LUX)	Color: 0.003 @ f/1.2, B/W: 0 with IR	Color: 0.003 @ f/1.2, B/W: 0 with IR	Color: 0.008 @ f/1.2 B/W: 0 with IR	Color: 0.003 @ f/1.2, B/W: 0 with IR	Color: 0.003 @ f/1.2, B/W: 0 with IR	Color: 0.003 @ f/1.2, B/W: 0 with IR	Color: 0.003 @ f/1.2, B/W: 0 with IR
LENS (FOV H X V)	Fixed 2.8 mm, 3.6 mm, 6 mm	Fixed 2.8 mm, 3.6 mm, 6 mm	Fixed 2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm	Fixed 2.8 mm, 3.6 mm, 6 mm	Fixed 2.8 mm, 3.6 mm, 6 mm	2.8 mm to 12 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized varifocal lens
DAY/NIGHT, BLC, WDR	TRUE/Yes/130 dB	True, Yes, 120 dB	TRUE/Yes/Digital	TRUE/Yes/130 dB	True, Yes, 120 dB	True, Yes, 120 dB	TRUE/Yes/130 dB
IR RANGE MAX (METERS)	30	60	40	60	40	80	60
OSD MENU VIA UP-THE-COAX (UTC)	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
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX.)	12 VDC ±25%, 5.8W	12 VDC ±25%, 4.8W	12 V DC ±25%/PoC.af, 4.5W	12 VDC ±25%, 5.8W	12 VDC ±30%/PoC.af,4W	12 VDC ±25%, 14W	12 VDC ± 20%, 24 VAC ± 20%, 10.5W
BRACKETS	CBXS	PC110T/CBS/ABS	PC110t/CBS/ABS	CBS	PC110t/CBS/ABS	PC130T/CBM/ABM	CBM

TURBOHD™ ANALOG CAMERAS



TURBOHD 4.0 ANALOG CAMERA



TURBOHD ANALOG CAMERA

	8MP OUTDOOR EXIR	5MP EXIR 2.0 OUTDOOR EXIR	5MP EXIR 2.0 OUTDOOR EXIR	8MP OUTDOOR EXIR	5MP EXIR 2.0 OUTDOOR EXIR	5MP EXIR 2.0 OUTDOOR EXIR	8MP OUTDOOR EXIR	5MP EXIR 2.0 OUTDOOR EXIR	1080p EXIR 2.0 OUTDOOR EXIR	1080p EXIR 2.0 OUTDOOR EXIR	1080p EXIR 2.0 OUTDOOR EXIR
MODEL	DS-2CE76U1T-ITMF	DS-2CE56H0T-ITMF	DS-2CE76H0T-ITMF	DS-2CE78U1T-IT3F	DS-2CE56H0T-IT3F	DS-2CE78H0T-IT3F	DS-2CE79U1T-IT3ZF	DS-2CE56H0T-IT3ZF	DS-2CE78D3T-IT3F	DS-2CE76D3T-ITMF	DS-2CE79D3T-IT3ZF
FORM FACTOR	Outdoor Turret	Outdoor Turret	Outdoor Turret	Outdoor Turret	Outdoor Turret	Outdoor Turret	Outdoor VF Turret	Outdoor VF Turret	Outdoor Turret	Outdoor Turret	Outdoor VF Turret
VARIATION	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR
MEGAPIXELS	8 MP	5 MP	5 MP	8 MP	5 MP	5 MP	8 MP	5 MP	2 MP	2 MP	2 MP
VIDEO OUT	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS
HD-TV I RESOLUTION	3840x2160	2560x1944	2560x1944	3840x2160	2560x1944	2560x1944	3840x2160	2560x1944	1920x1080	1920x1080	1920x1080
CVBS RESOLUTION	960H	960H	960H	960H	960H	960H	960H	960H	700TVL	700TVL	700TVL
SENSOR SIZE	8 MP CMOS	5 MP CMOS	5 MP CMOS	8 MP CMOS	5 MP CMOS	5 MP CMOS	8 MP CMOS	5 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS
MIN. ILLUMINATION (LUX)	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.005 @ f/1.2 B/W: 0 with IR	Color: 0.005 @ f/1.2 B/W: 0 with IR	Color: 0.005 @ f/1.2 B/W: 0 with IR
LENS (FOV H X V)	Fixed 2.8 mm, 3.6 mm, 6 mm	Fixed 2.8 mm, 3.6 mm, 6 mm	Fixed 2.8 mm, 3.6 mm, 6 mm	Fixed 2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm	Fixed 2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm	Fixed 2.8 mm, 3.6 mm, 6 mm	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	Fixed 2.8 mm, 3.6 mm, 6 mm	Fixed 2.8 mm, 3.6 mm, 6 mm	2.7 mm to 13.5 mm motorized vari-focal lens
DAY/NIGHT, BLC, WDR	TRUE/Yes/105 dB	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/105 dB	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/105 dB	TRUE/Yes/Digital	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB
IR RANGE MAX (METERS)	30	20	20	60	40	40	60	40	50	30	70
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	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX.)	12 VDC ±25%, 5.3W	12 VDC ±25%, 4.3W	12 VDC ±25%, 4.3W	12 VDC ±25%, 5.3W	12 VDC ±25%, 4.3W	12 VDC ±25%, 4.3W	9 VDC to 15 VDC, 8.6W	12 VDC ±25%, 6.3W	12 VDC ±25%, 4.6W	12 VDC ±25%, 4.6W	12 VDC ±25%, 7.7W
BRACKETS	CBXS	PC110T, PM, CBXS	PC110T, PM, CBXS	CBS	PC110T, CBS, ABS	PC110T, CBS, ABS	CBM/ABM	PC130T,CBM,ABM	PC110T/ABS/CBS	PC110T/CBXS	PC130T/CBM/ABM






TURBOHD™ ANALOG CAMERAS




TURBOHD 4.0 ANALOG CAMERA

	5MP OUTDOOR EXIR	2MP INDOOR EXIR
		
MODEL	DS-2CC52H1T-FITS	DS-2CE38D8T-PIR
FORM FACTOR	Fisheye	Cube
MEGAPIXELS	5 MP	2 MP
VIDEO OUT	HD-TVI	HD-TVI
HD-TVI RESOLUTION	2592(H)×1944(V)	1920×1080
CVBS RESOLUTION	-	-
SENSOR SIZE	5 MP CMOS	5 MP CMOS
MIN. ILLUMINATION (LUX)	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.005 @ f/1.2 B/W: 0 with IR
LENS (FOV H X V)	1.1mm	Fixed, 2.8 mm, 3.6 mm
DAY/NIGHT, BLC, WDR	TRUE	True, Yes, 120 dB
IR RANGE MAX (METERS)	20	20
OSD MENU VIA UP-THE-COAX (UTC)	Yes	Yes
RATINGS	UL/cUL Listed	UL/cUL Listed
OPERATING TEMPERATURE RANGE	-20 to 60 °C (-4 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX.)	DC12V±15%,5.5W	12 VDC ±25%, 5W
BRACKETS	WM-C, AB-FE2, PP1, PP2	-

TURBOHD ANALOG PTZ CAMERA

	1080p OUTDOOR	1080p INDOOR	1080p OUTDOOR	1080p INDOOR	1080p OUTDOOR,IR
					
MODEL	DS-2AE4225T-D	DS-2AE4225T-D3	DS-2AE5232T-A	DS-2AE5232T-A3	DS-2AE7232TI-A
FORM FACTOR					
VIDEO OUT	TVI/AHD/CVI/CVBS, selectable	TVI/AHD/CVI/CVBS, selectable	TVI/AHD/CVI/CVBS, selectable	TVI/AHD/CVI/CVBS, selectable	TVI/AHD/CVI/CVBS, selectable
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	1/2.8"	1/2.8" progressive scan CMOS	1/2.8"	1/2.8"	1/2.8"
MIN. ILLUMINATION (LUX)	Color: 0.005 @ f/1.6 B/W: 0 with IR	Color: 0.005 @ f/1.6, AGC on B/W: 0.001 @ f/1.6, AGC on	Color: 0.005 @ f/1.6 B/W: 0 with IR	Color: 0.005 @ f/1.6 B/W: 0 with IR	Color: 0.005 @ f/1.6 B/W: 0 with IR
HD-TVI RESOLUTION	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080
CVBS RESOLUTION	960H	960H	960H	960H	960H
LENS	4.8 mm to 120 mm motorized vari-focal lens	4.8 mm to 120 mm motorized vari-focal lens	4.8 mm to 153 mm motorized vari-focal lens	4.8 mm to 153 mm motorized vari-focal lens	4.8 mm to 153 mm motorized vari-focal lens
HORIZONTAL ANGLE OF VIEW	57.6° to 2.5° (wide to tele)	57.6° to 2.5° (wide to tele)	54.2° to 1.97° (wide-tele)	55.6° to 2.04° (wide to tele)	54.2° to 1.97° (wide-tele)
OPTICAL ZOOM	25x	25x	32x	32x	32x
PAN & TILT SPEED (MANUAL)	Pan manual speed: 0.1° to 100°/s Tilt manual speed: 0.1° to 80°/s	Pan manual speed: 0.1° to 100°/s Tilt manual speed: 0.1° to 80°/s	Pan manual speed: 0.1° to 250°/s Tilt manual speed: 0.1° to 150°/s	Pan manual speed: 0.1° to 250°/s Tilt manual speed: 0.1° to 150°/s	Pan manual speed: 0.1° to 160°/s Tilt manual speed: 0.1° to 120°/s
PAN & TILT SPEED (PRESET)	Pan preset speed: 100°/s Tilt preset speed: 80°/s	Pan preset speed: 100°/s Tilt preset speed: 80°/s	Pan preset speed: 250°/s Tilt preset speed: 150°/s	Pan preset speed: 250°/s Tilt preset speed: 150°/s	Pan preset speed: 160°/s Tilt preset speed: 120°/s
DAY/NIGHT, BLC, WDR	TRUE, Yes, 120dB	TRUE, Yes, 120dB	TRUE, Yes, 120dB	TRUE, Yes, 120dB	TRUE, Yes, 120dB
IR RANGE MAX (METERS)			-		150
RATINGS	IP66, UL/cUL Listed	UL/cUL Listed	IP66, UL/cUL Listed	UL/cUL Listed	IP66, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-30 to 65 °C (-22 to 149 °F)	-10 to 50 °C (14 to 122 °F)	-30 to 65 °C (-22 to 149 °F)	-10 to 50 °C (14 to 122 °F)	-30 to 65 °C (-22 to 149 °F)
POWER REQUIREMENTS (MAX.)	12 VDC Max. 20 W	12 VDC Max. 14 W	24 VAC Max. 24 W	24 VAC Max. 18 W	24 VAC Max. 40 W (IR: 14 W)
BRACKETS	WMP-L JBPW-L CPM-S CPM-L RPM	Included	WMP-L JBPW-L CPM-S CPM-L RPM	Included	WMP-L JBPW-L CPM-S CPM-L RPM



	TVI ANALOG OUTDOOR		TVI ANALOG OUTDOOR EXIR					
								
MODEL	ECT-B12		ECT-T12		ECT-B32V2	ECT-D32V2	ECT-T32V2	
FORM FACTOR	Bullet		Turret		Bullet	Dome	Turret	
MEGAPIXELS	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			
IMAGE SENSOR	2 MP CMOS				2 MP CMOS			
HD-TVI RESOLUTION	2 MP				2 MP			
CVBS RESOLUTION	960H				960H			
MIN. ILLUMINATION (LUX)	Color: 0.01 @ f/1.2 B/W: 0 with IR				Color: 0.01 @ f/1.2 B/W: 0 with IR			
LENS (FOV H X V)	2.8 mm, H 103°, 3.6 mm H 80.7°				2.8 mm to 12 mm varifocal lens, H 111.5° to 33.4°			
PAN/TILT/ROTATION	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°	0° to 360° / 0° to 75°/0° to 360°
DAY/NIGHT/BLC/WDR	True/Yes/Digital				ECT-B32V2/ECT-D32V2: True/Yes/Digital ECT-T32V2: True/Yes/120dB			
IR RANGE MAX (METERS)	20				40			
VERTICAL SYNCHRONIZATION	Internal				Internal			
OSD MENU VIA UP-THE-COAX (UTC)	Yes				Yes		Yes	Yes
RATINGS	IP66, UL/cUL Listed				IP66, UL/cUL Listed ECT-D32V2, ECT-T32V2: IP66, IK10 UL/cUL Listed			
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)				-40 to 60 °C (-40 to 140 °F)			
POWER REQUIREMENTS (MAX.)	12 VDC Max. 4 W				12 VDC Max. 5 W		12 VDC Max. 4.2 W	12 VDC Max. 4.8 W
BRACKETS	CBXS		CBXS, PC110T		CBS		SRSL	PC130T, CBT-1, CBM, ABM

TurboHD™ Digital Video Recorders



TurboHD Plug and Play DVRs offer several models scalable for small to mid-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 auto-sensing technology, installation is extremely easy.

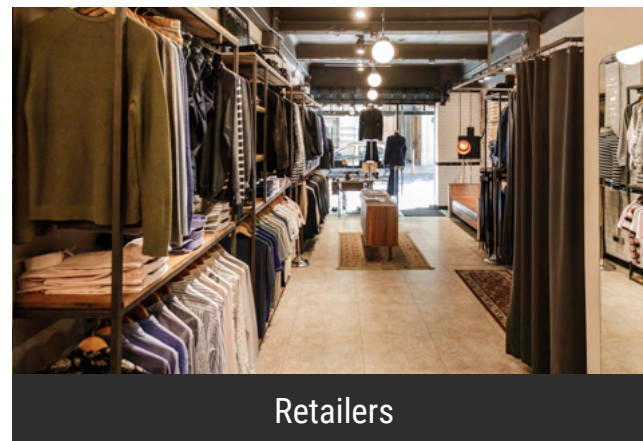
FEATURES

- High performance, fully loaded project Pro DVRs have extra capacity and RAID for larger project applications, up to 12 MP IPC connectivity and support Point-of-Sale (POS) interface
- Tribrid DVRs include H.265+ video compression, reducing storage requirements
- On-Screen-Display (OSD) menu available up-the-coax (UTC) to manage camera settings
- Value Series DVRs are our most popular DVRs and offer budget-priced enhanced performance models, up to 8 MP IPC connectivity and Power over Coax (PoC) models
- Value Express includes DVRs outfitted for 4- and 8-camera systems as kits, and are flexible enough to accommodate your record-keeping needs

APPLICATIONS



Residential



Retailers



Supermarkets



TURBOHD 4.0 TRIBRID DVR

TURBOHD™ DIGITAL VIDEO

	DIGITAL VIDEO RECORDER PRO SERIES	DIGITAL VIDEO RECORDER PERFORMANCE	DIGITAL VIDEO RECORDER PERFORMANCE	DIGITAL VIDEO RECORDER VALUE SERIES	DIGITAL VIDEO RECORDER VALUE SERIES	DIGITAL VIDEO RECORDER VALUE SERIES	DIGITAL VIDEO RECORDER VALUE SERIES	DIGITAL VIDEO RECORDER VALUE SERIES	
MODEL	DS-9008HUI-K8 DS-9016HUI-K8 DS-9032HUI-K8	DS-7308HUI-K4 DS-7316HUI-K4 DS-7332HUI-K4	DS-7308HUI-K4 DS-7316HUI-K4 DS-7332HUI-K4	DS-7204HTI-K1 DS-7208HTI-K2 DS-7316HTI-K4	DS-7204HUI-K1/P DS-7208HUI-K2/P DS-7216HUI-K2/P	DS-7204HUI-K1/P DS-7208HUI-K2/P DS-7216HUI-K2/P	DS-7204HUI-K1 DS-7208HUI-K2 DS-7216HUI-K2	DS-7204HUI-K1 DS-7208HUI-K2 DS-7216HUI-K2	
MAX. RECORDING RESOLUTION	8 MP	8 MP	2 MP	8 MP	5 MP	2 MP	5MP	2 MP	
VIDEO COMPRESSION	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	
HDMI/VGA OUTPUT	4K (3840×2160)/1920×1080 independent 1920×1080/1920×1080 synchronous	4K (3840×2160)/1920×1080 independent 1920×1080/1920×1080 synchronous	4K (3840×2160)/1920×1080 independent 1920×1080/1920×1080 synchronous	4K (3840×2160)/1920×1080 independent 1920×1080/1920×1080 synchronous	4-ch: 2560×1440/1920×1080 synchronous 8-ch: 3480×2160/1920×1080 synchronous 16-ch: 3480×2160/1920×1080 synchronous	4-ch/8-ch: 1920×1080 16-ch: 3480×2160/1920×1080 synchronous	4-ch: 2560×1440/1920×1080 synchronous 8-ch: 3480×2160/1920×1080 synchronous 16-ch: 3480×2160/1920×1080 synchronous	4-ch/8-ch: 1920×1080 16-ch: 3480×2160/1920×1080 synchronous	
SPOT MONITOR OUTPUT (BNC)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
ANALOG INPUT	8-Ch/16-Ch/32-Ch 1.0 Vp-p 75 Ω	8-Ch/16-Ch/32-Ch 1.0 Vp-p 75 Ω	8-Ch/16-Ch/32-Ch 1.0 Vp-p 75 Ω	4-Ch/8-Ch/16-Ch 1.0 Vp-p 75 Ω	4-Ch/8-Ch/16-Ch 1.0 Vp-p, 75 Ω	4-Ch/8-Ch/16-Ch 1.0 Vp-p, 75 Ω	4-Ch/8-Ch/16-Ch 1.0 Vp-p, 75 Ω	4-Ch/8-Ch/16-Ch 1.0 Vp-p, 75 Ω	
VIDEO STANDARD	HDTV/ AHD/ CVI/ CVBS/ IP	HDTV/ AHD/ CVI/ CVBS/ IP	HDTV/ AHD/ CVI/ CVBS/ IP	HDTV/ AHD/ CVI/ CVBS/ IP	HDTV/ AHD/ CVI/ CVBS/ IP	HDTV/ AHD/ CVI/ CVBS/ IP	HDTV/ AHD/ CVI/ CVBS/ IP	HD-TVI/ CVBS (auto-detect) HDTV/ AHD/ CVI/ CVBS/ IP	
AUDIO INPUT/OUTPUT	8-ch: 8/2 16-ch/32-ch: 16/2	8-ch/16-ch: 4/2 32-ch: 4/1	8-ch/16-ch: 4/2 32-ch: 4/1	4-Ch/8-Ch: 4-ch/1-ch 16-Ch: 4-ch/2-ch	4-ch/1-ch	1/1	4-ch/1-ch	1/1	
ALARM INPUT/OUTPUT	16/8	16/4	16/4	4-ch: 4/1 8-ch: 8/4 8-ch: 16/4	4-ch/16-ch: 4/1 8-ch: 8/4	-	4-ch: 4/1 8-ch: 8/4 16-ch: 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: 1×USB 2.0 Rear panel: 1×USB 3.0	4-ch: 2×USB 2.0 8-ch/16-ch: Front panel: 1×USB 2.0 Rear panel: 1×USB 3.0	4-ch/8-ch: 2×USB 2.0 16-ch: Front panel: 1×USB 2.0, Rear panel: 1×USB 3.0	4-ch: 2×USB 2.0 8-ch/16-ch: Front panel: 1×USB 2.0 Rear panel: 1×USB 3.0	4-ch/8-ch: 2×USB 2.0 16-ch: Front panel: 1×USB 2.0, Rear 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	-	-	-	-	-	-	
INTERNAL SATA	8 (up to 10 TB each)	4 (up to 10 TB each)	4 (up to 10 TB each)	4-ch: 1 (up to 10 TB each) 8-ch: 2 (up to 10 TB each)	4-ch: 1 (up to 10 TB each) 8-ch/16-ch: 2 (up to 10 TB each)	4-ch: 1 (up to 10 TB each) 8-ch/16-ch: 2 (up to 10 TB each)	4-ch: 1 (up to 10 TB each) 8-ch/16-ch: 2 (up to 10 TB each)	4-ch: 1 (up to 10 TB each) 8-ch/16-ch: 2 (up to 10 TB each)	
MAX INTERNAL STORAGE	80 TB	40 TB	40 TB	4-ch: 10 TB 8-ch: 20 TB 16-ch: 40 TB	4-ch: 10 TB 8-ch/16-ch: 20 TB	4-ch: 10 TB 8-ch/16-ch: 20 TB	4-ch: 10 TB 8-ch/16-ch: 20 TB	4-ch: 10 TB 8-ch/16-ch: 20 TB	
SUPPORT DVD-RW	Yes, replaces 4x SATA	Yes, replaces 2x SATA	Yes, replaces 2x SATA	-	-	-	-	-	
MAX. FPS	720p, 60 1080p, 30 3 MP, 18 4 MP, 15 5 MP, 12 8 MP, 8	720p, 60 1080p, 30 3 MP, 18 4 MP, 15 5 MP, 12 8 MP, 8	720p,60 1080p,30 3 MP, 18 4 MP	720p, 60 1080p, 30 3 MP, 18 4 MP, 30 5 MP, 20 8 MP, 12	720p, 30 1080p, 30 3 MP, 18 4 MP, 15 5 MP, 12	720p, 30 1080p, 15	720p, 30 1080p, 30 3 MP, 18 4 MP, 15 5 MP, 12	720p, 30 1080p, 15	
MAX. ANALOG (CVBS) RESOLUTION	WD1 (960H)	WD1 (960H)	WD1 (960H)	WD1 (960H)	WD1 (960H)	WD1 (960H)	WD1 (960H)	WD1 (960H)	
HIKVISION IP CAMERA SUPPORT	8-ch: 10-ch up to 12 MP (Up to 18-ch) 16-ch: 18-ch up to 12 MP (Up to 34-ch) 32-ch: 18-ch up to 12 MP (Up to 64-ch)	8-ch: 8-ch up to 8 MP (Up to 16-ch) 16-ch: 16-ch up to 8 MP (Up to 32-ch) 32-ch: 16-ch up to 8 MP (Up to 48-ch)	8-ch: 4-ch up to 6 MP (Up to 12-ch) 16-ch: 8-ch up to 6 MP (Up to 24-ch) 32-ch: 16-ch up to 6 M (Up to 48-ch)	4-ch: 4-ch up to 8 MP (up to 8-ch) 8-ch: 8-ch up to 8 MP (up to 16-ch) 16-ch: 16-ch up to 8 MP (up to 32-ch)	4-ch: 4-ch up to 8 MP (up to 8-ch) 8-ch: 8-ch up to 8 MP (up to 16-ch) 16-ch: 16-ch up to 8 MP (up to 32-ch)	4-ch: 2-ch up to 6 MP (up to 6-ch) 8-ch: 4-ch up to 6 MP (up to 12-ch) 16-ch: 8-ch up to 6 MP (up to 24-ch)	4-ch: 4-ch up to 8 MP (up to 8-ch) 8-ch: 8-ch up to 8 MP (up to 16-ch) 16-ch: 16-ch up to 8 MP (up to 32-ch)	4-ch: 2-ch up to 6 MP (up to 6-ch) 8-ch: 4-ch up to 6 MP (up to 12-ch) 16-ch: 8-ch up to 6 MP (up to 24-ch)	
FRONT PANEL CONTROL	Yes	Yes	Yes	No	No	No	No	No	
TURBO CHANNEL VCA (VIDEO CONTENT ANALYSIS)1	all channels	all channels	2-ch	all channels	all channels	2-ch	all channels	2-ch	
MAX INCOMING/OUTGOING BANDWIDTH (MBPS)	8-ch: 260 16-ch/32-ch: 320/256	8-ch/16-ch: 200 32-ch: 260	8-ch/16-ch: 120 32-ch: 160	4-ch: 96 8-ch/16-ch: 128	4-ch: 96 8-ch/16-ch: 128	4-ch: 72 8-ch: 96 16-ch: 128	4-ch: 96 8-ch/16-ch: 128	4-ch: 72 8-ch: 96 16-ch: 128	
RATINGS	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	
RACK UNITS	2	1.5	1.5	4-ch: Standalone 1U 8-ch: 1	4-ch: Standalone 1U 8-ch/16-ch: 1	4-ch: Standalone 1U 8-ch/16-ch: 1	4-ch: Standalone 1U 8-ch/16-ch: 1	4-ch: Standalone 1U 8-ch/16-ch: 1	
POWER REQUIREMENTS	8-ch: 100 to 240 VAC, ≤45 W without HDD 16-ch: 100 to 240 VAC, ≤65 W without HDD 32-ch: 100 to 240 VAC, ≤74 W without HDD	8-ch: 100 to 240 VAC, ≤45 W without HDD 16-ch: 100 to 240 VAC, ≤65 W without HDD 32-ch: 100 to 240 VAC, ≤74W without HDD	8-ch: 100 to 240 VAC, ≤40 W without HDD 16-ch: 100 to 240 VAC, ≤55 W without HDD 32-ch: 100 to 240 VAC, ≤45 W without HDD	12 VDC, ≤45 W without HDD	4-ch: 48 VDC, ≤40 W without HDD 8-ch: 48 VDC, ≤60 W without HDD 16-ch: 48 VDC, ≤140 W without HDD	4-ch: 48 VDC, ≤40 W without HDD 8-ch: 48 VDC, ≤60 W without HDD 16-ch: 48 VDC, ≤120 W without HDD	4-ch: 48 VDC, ≤40 W without HDD 8-ch: 48 VDC, ≤60 W without HDD 16-ch: 48 VDC, ≤120 W without HDD	4-ch: 12 VDC, ≤10 W without HDD 8-ch: 12 VDC, ≤20 W without HDD 16-ch: 12 VDC, ≤25 W without HDD	4-ch: 12 VDC, ≤6 W without HDD 8-ch: 12 VDC, ≤7.5 W without HDD 16-ch: 12 VDC, ≤25 W without HDD

**ANALOG**

							
MODEL	ERT-F2041 (1 TB) ERT-F2042 (2 TB)	ERT-F2082 (2 TB) ERT-F2084 (4 TB)	ERT-F2162 (2 TB) ERT-F2164 (4 TB)	ERT-K2041 (1 TB)	ERT-K2082 (2 TB)	ERT-K2162 (2 TB) ERT-K2164 (4 TB)	DS-1TLP16I
FORM FACTOR	DVR	DVR	DVR	DVR	DVR	DVR	Rack Mount 2U Height
MAX. RECORDING RESOLUTION	3 MP	3 MP	3 MP	2 MP	2 MP	2 MP	16-ch, BNC connector
VIDEO COMPRESSION	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264	CVBS, HDTV and AHD
HDMI/VGA OUTPUT	1920×1080	1920×1080	3840×2160, 2560×1440, 1920×1080/ 2560×1440, 1920×1080	1920×1080	1920×1080	3840×2160, 2560×1440, 1920×1080/ 2560×1440, 1920×1080	16-ch, BNC connector
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	16-ch, BNC connector
VIDEO STANDARD	HD-TVI/AHD/HDCVI/CVBS/IP	HD-TVI/AHD/HDCVI/CVBS/IP	HD-TVI/AHD/HDCVI/CVBS/IP	HD-TVI/AHD/HDCVI/CVBS/IP	HD-TVI/AHD/HDCVI/CVBS/IP	HD-TVI/AHD/HDCVI/CVBS/IP	CVBS, HDTV and AHD
AUDIO INPUT/OUTPUT	1-ch/1-ch	1-ch/1-ch	1-ch/1-ch	1-ch/1-ch	1-ch/1-ch	1-ch/1-ch	CVBS, 720P: Up to 500 m (input and output cable combined)
USB 2.0	2×USB 2.0	2×USB 2.0	2×USB 2.0	2×USB 2.0	2×USB 2.0	2×USB 2.0	1080P: Up to 300 m (input and output cable combined)
INTERNAL SATA	Preloaded HDD configurations	Preloaded HDD configurations	Preloaded HDD configurations	Preloaded HDD configurations	Preloaded HDD configurations	Preloaded HDD configurations	1×12 VDC (2-pin connector)/1×USB
MAX INTERNAL STORAGE	1 and 2 TB models	2 and 4 TB models	2 and 4 TB models	1 TB	2 TB	2 and 4 TB models	≤ 3.6 W
MAX. FPS	720p, 30 1080p, 12	720p, 30 1080p, 12	720p, 30 1080p, 12	1080p, 15	1080p, 15	1080p, 15	-10 °C to 55 °C (14 °F to 131 °F)
MAX. ANALOG (CVBS) RESOLUTION	960H	960H	960H	960H	960H	960H	10% to 90%
HIKVISION IP CAMERA SUPPORT	1-ch up to 1080p	2-ch up to 1080p	2-ch up to 1080p	2-ch up to 6MP	4-ch up to 6MP	8-ch up to 6MP	315×100×52 mm (12.4×3.9×2.0 inch)
OSD MENU-UP-THE-COAX	Yes	Yes	Yes	Yes	Yes	Yes	≤ 1.5 kg (3.3 lb)
SMART PLAY	Yes	Yes	Yes	Yes	Yes	Yes	
MAX INCOMING/OUTGOING BANDWIDTH (MBPS)	60	96	128	72	96	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	1	1	1	
POWER REQUIREMENTS	12 VDC, 8W	12 VDC, 12W	12 VDC, 20W	12 VDC, 8W	12 VDC, 12W	12 VDC, 20W	

TurboHD™ Kits



Hikvision now offers complete recorder and camera kits for single-site applications. The kits contain a recorder and multiple cameras in a single box, suitable for DIY residential or small business applications. These TurboHD Kits include 4- and 8-channel recorders along with 4 and 6 cameras respectively.

FEATURES

- Includes 1080p/5 MP cameras with 2.8mm lens
- Record up to 5 MP resolution HD over analog cameras
- Up-the-Coax camera menu programming
- Auto-detect HD-TVI/CVBS inputs
- Installed 1 or 2 TB HDD included



TURBOHD DVR/CAMERA KITS

				
MODEL	EKT-K41T24	EKT-K82T26	T7204U1TA4	T7208U2TA6
FORM FACTOR	Turret	Turret	Turret	Turret
NUMBER OF KIT CAMERAS	4	6	4	6
CAMERA	ECT-T12F2	ECT-T12F2	DS-2CE56H0T-ITMF	DS-2CE56H0T-ITMF
MIN. ILLUMINATION (LUX)	Color: 0.01 @ f/1.2, B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR	Color: 0.01 @ f/1.2 B/W: 0 with IR
HD-TVI RESOLUTION	1080p	1080p	5 MP	5 MP
LENS	Fixed 2.8 mm	Fixed 2.8 mm	Fixed 2.8 mm	Fixed 2.8 mm
DAY/NIGHT, BLC, WDR	True (ICR), Yes, DWDR	True (ICR), Yes, DWDR	TRUE/Yes/Digital	TRUE/Yes/Digital
IR RANGE (METERS)	20	20	20	20
OSD MENU	Yes, over UTC	Yes, over UTC	Yes, over UTC	Yes, over UTC
RATINGS	P66, UL/cUL Listed	P66, 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)
POWER REQUIREMENTS (MAX.)	12 VDC,4W	12 VDC,4W	12 VDC ±25%, 4.3W	12 VDC ±25%, 4.3W
DVR	DVR-204Q-K1	DVR-208Q-K1	DS-7204HUI-K1	DS-7208HUI-K2
MAX. RECORDING RESOLUTION	4 MP	4 MP	5MP	5MP
VIDEO COMPRESSION	H.265 Pro+/H.265 Pro/H.265/ H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/ H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/ H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/ H.264+/H.264
HDMI/VGA OUTPUT	4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	4ch: 2560×1440/1920×1080 synchronous	8ch: 3480×2160/1920×1080 synchronous
ANALOG INPUT	4-Ch 1.0 Vp-p, 75 Ω	8-Ch 1.0 Vp-p, 75 Ω	4-Ch 1.0 Vp-p, 75 Ω	8-Ch 1.0 Vp-p, 75 Ω
VIDEO STANDARD	HDTV/AVHD/CVI/CVBS/IP	HDTV/AVHD/CVI/CVBS/IP	HDTV/AVHD/CVI/CVBS/IP	HDTV/AVHD/CVI/CVBS/IP
TWO-WAY AUDIO INPUT	1-ch, RCA (linear, 1K Ω)	1-ch, RCA (linear, 1K Ω)	1-ch, RCA (linear, 1K Ω)	1-ch, RCA (linear, 1K Ω)
USB 2.0	2×USB 2.0	2×USB 2.0	2×USB 2.0	2×USB 2.0
INTERNAL SATA	Preloaded HDD configurations	Preloaded HDD configurations	Preloaded HDD configurations	Preloaded HDD configurations
INTERNAL STORAGE	1 TB	2 TB	1 TB	2 TB
MAX. FPS 720P/1080P HD-TVI	30fps with included cameras	30fps with included cameras	20fps with included cameras	20fps with included cameras
HIKVISION IP CAMERA SUPPORT	4-ch (up to 12-ch) 6MP	8-ch (up to 24-ch) 6MP	4-ch (up to 8-ch) 8MP	8-ch (up to 16-ch) 8MP
OSD MENU-UP-THE-COAX	Yes	Yes	Yes	Yes
RATINGS	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
POWER REQUIREMENTS	12 VDC, ≤ 12W	12 VDC, ≤ 20W	12 VDC, ≤ 10 W	12 VDC, ≤ 20 W

ACCESSORIES

				
MODEL	DS-6901UDI	DS-6904UDI	DS-6908UDI	DS-6916UDI
VIDEO INPUT	16 IP Channels	32 IP Channels, DVI, VGA	64 IP Channels, DVI, VGA	128 IP Channels, DVI, VGA
VIDEO OUTPUT	1 HDMI (4K), 1 VGA (1080p), 1 BNC	4 HDMI (4K ×2, 1080p ×2), 2 BNC via DB15 adapter	8 HDMI (4K ×4, 1080p ×4), 4 BNC via DB15 adapter	16 HDMI (4K ×8, 1080p ×8), 8 BNC via 2 DB15 adapters
OUTPUT SPLIT SCREEN	1/4/6/8/9/12/16, Roaming	1/4/6/8/9/12/16/25, Roaming	1/4/6/8/9/12/16/25/36, Roaming	1/4/6/8/9/12/16/25/36, Roaming
DECODING CAPABILITY	12 MP @ 20 fps: 2-ch 8 MP @ 30 fps: 4-ch 6 MP @ 30 fps: 5-ch 4 MP @ 30 fps: 8-ch 2 MP @ 30 fps: 16-ch	12 MP @ 20 fps: 4-ch 8 MP @ 30 fps: 8-ch 6 MP @ 30 fps: 10-ch 4 MP @ 30 fps: 16-ch 2 MP @ 30 fps: 32-ch	12 MP @ 20 fps: 8-ch 8 MP @ 30 fps: 16-ch 6 MP @ 30 fps: 21-ch 4 MP @ 30 fps: 32-ch 2 MP @ 30 fps: 64-ch	12 MP @ 20 fps: 16-ch 8 MP @ 30 fps: 32-ch 6 MP @ 30 fps: 42-ch 4 MP @ 30 fps: 64-ch 2 MP @ 30 fps: 128-ch
NETWORK INTERFACE	Gigabit Ethernet ×1	Management Ethernet ×2 1 Gbps Ethernet ×2 100 Mbps Ethernet ×16	Management Ethernet ×2 1 Gbps Ethernet ×2 100 Mbps Ethernet ×16	Management Ethernet ×2 1 Gbps Ethernet ×2 100 Mbps Ethernet ×16
TWO-WAY AUDIO I/O	1/1 (3.5 mm audio plugs)	1/1 (3.5 mm audio plugs)	1/1 (3.5 mm audio plugs)	1/1 (3.5 mm audio plugs)
AUDIO OUTPUT	1 RCA	4 BNC via DB15 adapters	8 BNC via DB15 adapters	16 BNC via 2 DB15 adapters
ALARM INPUT/OUTPUT	8/8	8/8	8/8	8/8
RS-232	Yes	Yes	Yes	Yes
RS-485	Yes	Yes	Yes	Yes
RATINGS	FCC Listed	FCC Listed	FCC Listed	FCC Listed
POWER REQUIREMENTS	12 VDC ≤15 W	100 to 240V AC ≤70 W	100 to 240V AC ≤70 W	100 to 240V AC ≤108 W



ENCODERS

ENCODERS

	ENCODER	ENCODER	ENCODER	ENCODER	ENCODER	ENCODER	ENCODER	ENCODER	ENCODER
									
MODEL	DS-6704HUHI-K	DS-6708HUHI-K	DS-6716HUHI-K	DS-6708HQHI-SATA	DS-6716HQHI-SATA	DS-6701HWI	DS-6704HWI	DS-6708HWI	DS-6716HWI
FRAME RATE (FPS)	30	30	30	30	30	30	30	30	30
MULTI-STREAMING	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
VIDEO INPUT	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)	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)
VIDEO OUTPUT	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/MPEG4 TCP/IP	H.264/MPEG4 TCP/IP	H.264/MPEG4 TCP/IP	H.264/MPEG4 TCP/IP	H.264/MPEG4 TCP/IP	H.264/MPEG4 TCP/IP
OUTPUT SPLIT SCREEN									
DECODING CAPABILITY	@ 25 fps (P)/30 fps (N)	-	-	-	-	-	-	-	-
NETWORK 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	1 RJ-45 10/100/1000 Mbps Ethernet	1 RJ-45 10/100/1000 Mbps Ethernet	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
STORAGE	-	-	-	2 SATA interfaces (up to 6 TB each)	2 SATA interfaces (up to 6 TB each)	-	-	-	-
TWO-WAY AUDIO I/O									
AUDIO OUTPUT	4/1	4/1	4/1	4/1	4/1	1/1	4/1	8/1	16/1
VOICE TALK INPUT	1-ch	1-ch	1-ch	-	-	1-ch	1-ch	1-ch	1-ch
ALARM INPUT/OUTPUT	4/1	8/4	16/4	8/4	16/4	1/1	4/2	8/4	16/4
RS-232	-	-	-	-	-	-	Yes	Yes	Yes
RS-485	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
RESOLUTION IN	5 MP @ 12 fps; 4 MP @ 15 fps; 3 MP @ 18 fps; 1080p/720p/WD1/4CIF/VGA/CIF	5 MP @ 12 fps; 4 MP @ 15 fps; 3 MP @ 18 fps; 1080p/720p/WD1/4CIF/VGA/CIF	5 MP @ 12 fps; 4 MP @ 15 fps; 3 MP @ 18 fps; 1080p/720p/WD1/4CIF/VGA/CIF	HD-TVI: 8-ch 30fps @ 1080p and 720p	HD-TVI: 16-ch 30fps @ 1080p and 720p	WD1 (960H)/4CIF/2CIF/CIF/qCIF	WD1 (960H)/4CIF/2CIF/CIF/qCIF	WD1 (960H)/4CIF/2CIF/CIF/qCIF	WD1 (960H)/4CIF/2CIF/CIF/qCIF
RATINGS	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed

EI Smart Managed Network Switches



Hikvision EI Smart Managed Switches offer unique features such as Visualized Topology, Network Health Monitoring, Real-Time Alarm with either iVMS-4200 or HikCentral. These features can greatly reduce network downtime, allowing network administrators to quickly isolate an issue, making it easier to repair and maintain.

FEATURES

- Visual Topology Management
- Network Health Monitoring
- Real-Time Alarm and Device Status
- IP Camera Preview and Control
- Extended Mode up to 984 ft
- Up to 6kV Surge Protection



NETWORK SWITCHES

NETWORK SWITCHES

UNMANAGED GIGABIT POE SWITCH

SMART MANAGED POE SWITCH

UNMANAGED POE SWITCH

SMART MANAGED GIGABIT POE SWITCH

MODEL	DS-3E0505P-E	DS-3E0510P-E	DS-3E0518P-E	DS-3E0526P-E	DS-3E1105P-EI	DS-3E1309P-EI	DS-3E1318P-EI	DS-3E1326P-EI	DS-3E0105P-E2	DS-3E0109P-E2	DS-3E0318P-E2	DS-3E0326P-E2	DS-3E1510P-SI	DS-3E1518P-SI	DS-3E1526P-SI	
TYPE	Unmanaged				Smart Managed with Visual Topology				Unmanaged				Smart Web Managed with Visual Topology			
PORTS	4 x Gbps PoE ports, 1 x Gbps Ethernet Uplink	8 x Gbps PoE ports, 1 x Gbps Ethernet Uplink, 1 x Gbps SFP Fiber Optic Uplink	16 x Gbps PoE ports, 1 x Gbps Ethernet Uplink, 1 x Gbps SFP Fiber Optic Uplink	24 x Gbps PoE ports, 1 x Gbps Ethernet Uplink, 1 x Gbps SFP Fiber Optic Uplink	4 x 100 Mbps PoE ports, 1 x 100 Mbps Ethernet Uplink	8 x 100 Mbps PoE ports, 1 x 1 Gbps Ethernet Uplink	16 x 100 Mbps PoE ports, 2 x 1 Gbps Combo Uplink	24 x 100 Mbps PoE ports, 2 x 1 Gbps Combo Uplink	4 x 100 Mbps PoE ports, 1 x 100 Mbps Ethernet Uplink	8 x 100 Mbps PoE ports, 1 x 100 Mbps Ethernet Uplink	16 x 100 Mbps PoE ports, 2 x 1 Gbps Combo Uplink	24 x 100 Mbps PoE ports, 2 x 1 Gbps Combo Uplink	8 x Gbps PoE ports, 2 x Gbps SFP Fiber Optical Uplink	16 x Gbps PoE ports, 2 x Gbps SFP Fiber Optical Uplink	24 x Gbps PoE ports, 2 x Gbps SFP Fiber Optical Uplink	
FORWARDING	7.44 Mpps	14.88 Mpps	26.784 Mpps	38.688 Mpps	0.744 Mpps	2.678 Mpps	5.356 Mpps	6.547 Mpps	0.744 Mpps	1.339 Mpps	5.356 Mpps	6.547 Mpps	14.88 Mpps	26.784 Mpps	36.688 Mpps	
BACKPLANE	10 Gbps	20 Gbps	36 Gbps	52 Gbps	1 Gbps	3.6 Gbps	7.2Gbps	8.8Gpps	1 Gbps	1.8 Gbps	7.2Gbps	8.8Gpps	20 Gbps	36 Gbps	52 Gpps	
POE BUDGET	60W	110W	230W	370W	60W	115W	230W	370W	60W	115W	230W	370W	115W	225W	370W	
MAX. PORT POWER	30W				30W				30W				30W			
POWER SUPPLY	48V DC, 1.35A	48V DC, 2.5A	100-240V AC, 50/60Hz, 4 A Max	100-240V AC, 50/60Hz, 6.5 A Max	48V DC, 1.35A	48V DC, 2.5A	100-240V AC, 50/60Hz 2.5 A Max	100-240V AC, 50/60Hz 6.5 A Max	48V DC, 1.35A	48V DC, 2.5A	100-240V AC, 50/60Hz 4 A Max	100-240V AC, 50/60Hz 6.5 A Max	48V DC, 2.5A	100-240V AC, 50/60Hz 4 A Max	100-240V AC, 50/60Hz 6.5 A Max	
DIMENSION (HXWXD)	105 mm x 27.6 mm x 83.1 mm (4.1" x 1.1" x 3.3")	217.6 mm x 27.8 mm x 108.55 mm (8.6" x 1.1" x 4.3")	440 mm x 44 mm x 220.8 mm (17.3" x 1.7" x 8.7")	440 mm x 44 mm x 220.8 mm (17.3" x 1.7" x 8.7")	105 mm x 27.6 mm x 83.1 mm (4.76" x 3.47" x 1.09")	170 mm x 27.6 mm x 93.1 mm (4.76" x 3.47" x 1.09")	440 mm x 44 mm x 220.8 mm (4.76" x 3.47" x 1.09")	440 mm x 44 mm x 221 mm (4.76" x 3.47" x 1.09")	105 mm x 27.6mm x 83.1 mm (4.1" x 1.1" x 3.3")	105 mm x 27.6mm x 83.1 mm (4.1" x 1.1" x 3.3")	105 mm x 27.6mm x 83.1 mm (4.1" x 1.1" x 3.3")	105 mm x 27.6mm x 83.1 mm (4.1" x 1.1" x 3.3")	217.6 mm x 108.55 mm x 27.8 mm (8.57" x 4.27" x 1.09")	440 mm x 220.8 mm x 44 mm (17.32" x 8.69" x 1.73")	440 mm x 221 mm x 44 mm (17.32" x 8.70" x 1.73")	

SMART MANAGED GIGABIT POE SWITCH

WEB-MANAGED POE SWITCH

UNMANAGED HARDEN POE SWITCH

UNMANAGED HARDEN POE SWITCH

UNMANAGED NON-POE SWITCH

FULL MANAGED POE SWITCH

MODEL	DS-3E1510P-SI	DS-3E1518P-SI	DS-3E1526P-SI	DS-3E1310P-E	DS-3E1318P-E	DS-3E1326P-E	DS-3T0506HP-E/HS	DS-3T0510HP-E/HS	DS-3E0508-E	DS-3E0516-E	DS-3E0524-E	DS-3E2310P	DS-3E2318P	DS-3E2326P
TYPE	Smart Web Managed with Visual Topology			Web-Managed			Unmanaged	Unmanaged	Unmanaged Non-PoE			Full Managed		
PORTS	8 x Gbps PoE ports, 2 x Gbps SFP Fiber Optical Uplink	16 x Gbps PoE ports, 2 x Gbps SFP Fiber Optical Uplink	24 x Gbps PoE ports, 2 x Gbps SFP Fiber Optical Uplink	8 x 100 Mbps PoE Ports, 2 x Gbps Combo Uplink	16 x 100 Mbps PoE Ports, 2 x Gbps Combo Uplink	24 x 100 Mbps PoE Ports, 2 x Gbps Combo Uplink	3 x Gbps PoE ports 1 x Gbps Hi-PoE port 2 x Gbps SFP fiber optical ports Ports 3 and 4: up to 300 m	6 x Gbps PoE RJ45 ports 2 x Gbps Hi-PoE RJ45 ports 2 x Gbps SFP fiber optical ports Ports 7 and 8: up to 300 m	8 Gbps Ethernet Ports	16 Gbps Ethernet Ports	24 Gbps Ethernet Ports	8 x 100 Mbps PoE Ports, 2 x Gbps Combo Uplink	16 x 100 Mbps PoE Ports, 2 x Gbps Combo Uplink	24 x 100 Mbps PoE Ports, 2 x Gbps Combo Uplink
FORWARDING	14.88 Mpps	26.784 Mpps	36.688 Mpps	1.34 Mpps	5.36 Mpps	6.55 Mpps	Store-and-forward switching	Store-and-forward switching	Ethernet: 14881 pps one port	Fast Ethernet: 148810 pps one port	Gigabit Ethernet: 1488100 pps one port	5.6 Mpps	8.4 Mpps	9.6 Mpps
BACKPLANE	20 Gbps	36 Gbps	52 Gbps	5.4 Gbps	7.2 Gbps	8.8 Gbps	22 Gbps	20 Gbps	16 Gbps	32 Gbps	48 Gbps	10 Gbps	21.2Gbps	22.8Gbps
POE BUDGET	115W	225W	370W	123W	230W	370W	60W	110W	NA			125W	300W	380W
MAX. PORT POWER	30W			30W			vPort 1: 60 W Ports 2 to 4: 30 W	Ports 1 and 2: 90 W Ports 3 to 8: 30 W	NA			15W		
POWER SUPPLY	48V DC, 2.5A	100-240V AC, 50/60Hz 4 A Max	100-240V AC, 50/60Hz 6.5 A Max	AC: 100-240V 50/60Hz (≤150W)	AC: 100-240V 50/60Hz (≤250W)	AC: 100-240V 50/60Hz (≤440W)	48 to 57 VDC, 1.35 A maximum	48 to 57 VDC, 2.5 A maximum	100-240 V AC, 50/60 Hz, 0.3 A	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100V-240 VAC, 50/60Hz ±10%		
DIMENSION (HXWXD)	217.6 mm x 108.55 mm x 27.8 mm (8.57" x 4.27" x 1.09")	440 mm x 220.8 mm x 44 mm (17.32" x 8.69" x 1.73")	440 mm x 221 mm x 44 mm (17.32" x 8.70" x 1.73")	294 mm x 165.8 mm x 44 mm (11.6" x 6.5" x 1.7")	440 mm x 284 mm x 43 mm (17.3" x 11.2" x 1.7")	440 mm x 284 mm x 43 mm (17.3" x 11.2" x 1.7")	158 mm x 101.2 mm x 31.6 mm (6.22" x 3.98" x 1.24")	197 mm x 114.2 mm x 42.2 mm (7.76" x 4.50" x 1.66")	186 mm x 106.7 mm x 33.3mm (7.32" x 4.20" x 1.31")	440 mm x 178.8 mm x 44 mm (17.32" x 7.04" x 1.73")	440 mm x 178.8 mm x 44 mm (17.32" x 7.04" x 1.73")	280 mm x 179 mm x 45 mm	440 mm x 232 mm x 44 mm	440 mm x 232 mm x 44 mm




MONITORS

MONITORS

							
MODEL	DS-D5022FN-C	DS-D5022FC-B	DS-D5024FC	DS-D5027FN	DS-D5032QE	DS-D5032FL	DS-D5027UC
BEZEL MATERIAL	Plastic	Plastic	Plastic	Plastic	Plastic	Metal	Plastic
WORKING TIME	24/7	24/7	24/7	24/7	24/7	24/7	24/7
DISPLAY TYPE	IPS LED	LED	LED	IPS LED	IPS LED	LED	IPS LED
SCREEN SIZE	21.5"	21.5"	23.6"	27"	31.5"	31.5"	27"
MAX RESOLUTION	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160
BRIGHTNESS	250cd/㎡ (Typical)	250cd/㎡ (Typical)	250cd/㎡ (Typical)	300cd/㎡ (Typical)	300 cd/m2(typical)	400cd/㎡ (Typical)	350cd/㎡ (Typical)
CONTRAST	3000:1	1000:1	1000:1	1000:1	1400:1	4000:1	1000:1
RESPONSE TIME	6.5 ms	5 ms	5 ms	14 ms	8 ms	8 ms	14 ms
COLOR	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	1.07 billion
VIEWING ANGLE	Horizontal 178° Vertical 178°	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	HDMI, VGA	HDMI, VGA, BNC, AUDIO IN	HDMI, VGA, BNC	HDMI, VGA	HDMI, VGA	HDMI, VGA, DVI, BNC, USB	HDMI, Display Port
OUTPUTS	-	-	BNC	-	N/A	-	-
AUDIO INPUT/OUTPUT	-	-	Input: 3.5 mm Mini-Jack Output: RCA	-	Input: 3.5 mm Mini-Jack	Input: 3.5 mm Mini-Jack Output: 3.5 mm Mini-Jack	Output: 3.5 mm Mini-Jack
SPEAKER	-	2W x 2	2W x 2	-	5W x 2	3W x 2	2W x 2
POWER SUPPLY	12 VDC	100 to 240 VAC, 50/60 Hz	102 to 240 VAC, 50/60 Hz	100 to 240 VAC, 50/60 Hz	100 to 240 VAC, 50/60 Hz	100-240 VAC, 50/60Hz	100 to 240 VAC, 50/60 Hz
POWER CONSUMPTION	<22W (Working) <0.5W (Standby)	<24W (Working) <0.5W (Standby)	30W (Working) 0.5W (Standby)	<40W (Working) <0.5W (Standby)	<55W (Working) <0.5W (Standby)	60W (Normal working) 1W (Standby)	<56W (Normal working) <0.5W (Standby)
OPERATION TEMPERATURE	32° F to 104° F (0° C to 40° C)	32° F to 104° F (0° C to 40° C)	32° F to 104° F (0° C to 40° C)	32° F to 104° F (0° C to 40° C)	41°-104° F (5°-40° C)	32° F to 104° F (0° C to 40° C)	32° F to 104° F (0° C to 40° C)
OPERATING HUMIDITY	20% to 90% (Non-Condensation)	20% to 80% (Non-Condensation)	10% to 85% (Non-Condensation)	10% to 90% (Non-Condensation)	20%-80% (Non-Condensing)	10% to 85% (Non-Condensation)	10% to 80% (Non-Condensation)
STORAGE TEMPERATURE	-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 60° C)	-4° F to 140° F (-20° C to 60° C)	-4° to 140° F (-20° to 60° C)	-4° to 140° F (-20° to 60° C)	-4° to 140° F (-20° to 60° C)
VESA MOUNT	75 mm x 75 mm	75 mm x 75 mm	100 mm x 100 mm	100 mm x 100 mm	100mm x 100mm	200 mm x 200 mm	100 mm x 100 mm
DIMENSION (W×H×D)	492.356 mm x 289.680 mm x 43.88 mm (19.38" x 11.40" x 1.73")	516.75 mm x 320.03 mm x 45.55 mm (19.95" x 10.50" x 1.49")	561 mm x 339 mm x 218.5 mm (22.1" x 13.3" x 8.6")	614 x 454 x 226mm (24.2" x 17.8" x 8.9")	With Base: 727 x 474 x 64 mm (28.62" x 18.66" x 2.52") Without Base: 727 x 424 x 64 mm (28.62" x 16.69" x 2.52")	737.4x452.5x70.65 mm (29"x17.8"x2.78")	614 x 400 x 250 mm (24.2" x 15.7" x 9.8")
WEIGHTV	Gross weight: 8.4 lbs (3.8 kg) Net weight: 5.5 lbs (2.5 kg)	Gross weight: 9.7 lbs (4.4 kg) Net weight: 6.83 lbs (3.1 kg)	Gross weight: 13.2 lbs (6.0 kg) Net weight: 11.2 lbs (5.1 kg)	Gross weight: 12.39 lbs (5.62 kg) Net weight: 8.95 lbs (4.08 kg)	Gross weight: 14.15 lbs (6.76 kg) Net weight: 11.4 lbs (5.09 kg)	Gross weight: 41.89 lbs (19 kg) Net weight: 26.46 (12 kg)	Gross weight: 14.44 lbs (6.55 kg) Net weight: 11.18 lbs (5.07 Kg)



VIDEO WALL CONTROLLER

			
MODEL	DS-D2046NH-E	DS-D2055NL-B	DS-D2055NL-B/4TZ
DIAGONAL SIZE (INCH)	46"	55"	55"
BACKLIGHT	LED Backlight (Direct type)	LED Backlight (Direct type)	LED Backlight (Direct type)
PANEL	S-PVA	S-PVA	S-PVA
RESOLUTION	1920*1080	1920*1080	1920*1080
COLOR	16.7M	16.7M	16.7M
VISUAL ANGLE	H: 178°, V: 178°	H: 178°, V: 178°	H: 178°, V: 178°
RESPONSE TIME	6ms (G to G)	8 ms (G to G)	8 ms (G to G)
CONTRAST	4500:1	4000:1	4000:1
BRIGHTNESS	700cd/ m ²	500cd/m ²	500cd/m ²
COLOR SATURATION	92%	92%	92%
INPUT INTERFACE	VGA×1, DVI×1, BNC×1, YPbPr×1, HDMl×1, USB×1	VGA×1, DVI×1, BNC×1, YPbPr×1, HDMl×1, IR Jackx1	VGA×1, DVI×1, BNC×1, YPbPr×1, HDMl×1, IR Jackx1
OUTPUT INTERFACE	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-232x2(Loop)	In: RS-232, Out: RS-232x2	In: RS-232, Out: RS-232x2
OPTIONAL INTERFACE	In: (3G SDI, DP, HDBaseT, TVI)×1, Out: (3G SDI, DP, HDBaseT, TVI)×1, RJ45×1	-	-
POWER CONSUMPTION	139 W	192 W	192 W
POWER REQUIREMENT	100~264VAC, 50/60Hz	90~264VAC 50/60Hz	90~264VAC 50/60Hz
OPERATING TEMPERATURE	0 °C ~ 50 °C (32 °F ~ 122 °F)	0 °C ~ 40 °C (32 °F ~ 104 °F)	0 °C ~ 40 °C (32 °F ~ 104 °F)
OPERATING HUMIDITY	10%~90% (No Condensation)	10%~85% (No Condensation)	10%~85% (No Condensation)
WORKING LIFE	≥60,000 Hours	≥60,000 Hours	≥60,000 Hours
DIMENSION (W×H×D)	40.16"×22.62"×4.59"	47.78"×26.94"×4.44"	47.78"×26.94"×4.44"
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)
PHYSICAL SEAM	1.7mm (0.068")	3.5mm(0.14")	3.5mm(0.14")

VIDEO WALL CONTROLLER

			
MODEL	DS-C10S-S09T	DS-C10S-S11T	DS-C10S-S22T
SLOT NO.	9 (6×Input, 3×Output)	11 (6×Input, 5×Output)	22 (12×Input, 10×Output)
NETWORK	10M/100M/1000M self-adaptive Ethernet interface USB Interface 1×USB 2.0 (Reserved)	10M/100M/1000M self-adaptive Ethernet interface USB Interface 1×USB 2.0 (Reserved)	10M/100M/1000M self-adaptive Ethernet interface USB Interface 1×USB 2.0 (Reserved)
USB	1×USB 2.0 (Reserved)	1×USB 2.0 (Reserved)	1×USB 2.0 (Reserved)
RS-232	2	2	2
DECODING PERFORMANCE	2-ch@8 MP (low frame rate) 2-ch@6 MP 2-ch@5 MP 8-ch@1080p 16-ch@720p 32-ch@D1	2-ch@8 MP (low frame rate), 2-ch@6 MP, 2-ch@5 MP, 8-ch@1080p, 16-ch@720p, or 32-ch@D1	2-ch@8 MP (low frame rate), 2-ch@6 MP, 2-ch@5 MP, 8-ch@1080p, 16-ch@720p, or 32-ch@D1
INPUT	4× HDMI interface	4× HDMI interface	4× HDMI interface
HDMI OUTPUT RESOLUTION	Only No. 1 and 3 interfaces support 3840×2160@30 Hz and 4096×2160@30 Hz resolution	Only No. 1 and 3 interfaces support 3840×2160@30 Hz and 4096×2160@30 Hz resolution	Only No. 1 and 3 interfaces support 3840×2160@30 Hz and 4096×2160@30 Hz resolution
OUTPUT	4×DVI interface	4×DVI interface	4×DVI interface
MAX DVI OUTPUT RESOLUTION	1080p@60 Hz	1080p@60 Hz	1080p@60 Hz
OUTPUT	4× HDMI interface	4× HDMI interface	4× HDMI interface
MAX DVI OUTPUT RESOLUTION	1080p, 60 Hz	1080p, 60 Hz	1080p, 60 Hz
POWER SUPPLY	100 to 240 VAC, 50/60 Hz A build-in power supply	100 to 240 VAC, 50/60 Hz A build-in power supply	100 to 240 VAC, 50/60 Hz Build-in redundant power supply
CONSUMPTION	≤ 250 W (full-loaded)	≤ 250 W (full-loaded)	≤ 450 W (full-loaded)
WORKING TEMPERATURE	0 to 50 °C (32 to 122 °F)	0 to 50 °C (32 to 122 °F)	0 to 50 °C (32 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 4U chassis	Standard 8U chassis
DIMENSION (D×H×W)	352×177×442.4 mm (13.9×7×17.4 inch)	352×177×442.4 mm (13.9×7×17.4 inch)	352×354×442.4 mm (13.9×13.9×17.4 inch)
WEIGHT	≤ 20 kg (full-loaded)	≤ 20 kg (full-loaded)	≤ 35 kg (full-loaded)

Video Intercom Solutions



Hikvision's 2nd generation modular IP & two-wire intercom systems are stylish, affordable, and scalable for applications of all sizes. Hikvision's complete intercom package hosts an abundance of functionality, from traditional nametag and keypad modules, as well as innovative new features. The user answers the door at the indoor station and can easily unlock the door with a simple push of a button. The system is also fully integrated with the Hik-Connect app to provide the user with full access to their door from virtually anywhere, anytime. The intercom can also be added to Hikvision NVRs or DVRs as an IP camera for front door monitoring and is suitable for a variety of applications.

Combining convenience and versatility, the Hikvision IP & Two-Wire Video Intercom System propels home and business interactive video security one step further.

FEATURES

- Full HD video quality at your door, capable of integrating with Hikvision recorders
- Clear audio communication with echo and noise cancellation
- 180-degree 2 MP Fisheye HD camera with IR for clear video in the dark
- Fully integrated with the Hik-Connect cloud platform and smartphone app enables user to speak to visitors and unlock doors remotely
- User-friendly 7-inch touch screen LCD also functions as a monitor for Hikvision cameras
- Choose the best fit for your application with flexible and customizable modular design
- Access control module and keypad module allow tenant entrance using key card or passcode
- All door and indoor stations are managed via network cables or two-conductor cables, making both physical connections and software management easy to perform
- Multiple door stations can be programmed to be answered by multiple indoor stations
- The Modular IP Video Intercom Kit (DS-KIS602) bundles a door station, indoor station, MicroSD card and a PoE switch
- The Two-Wire Intercom Kit (DS-KIS702-P/DS-KIS701) bundles a door station, indoor station and power/data distributor

APPLICATIONS



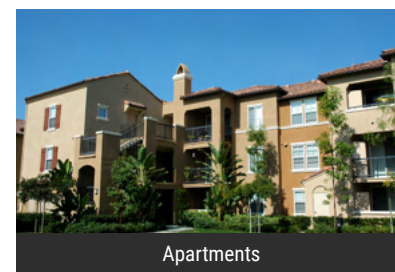
Single Family Homes



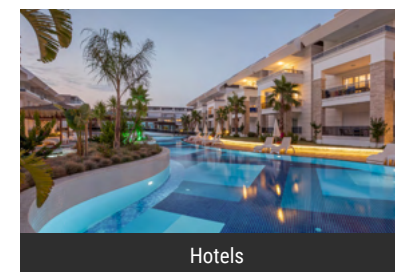
Commercial Buildings



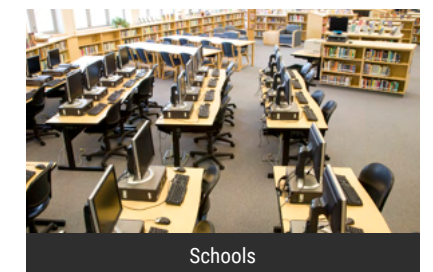
Condominiums



Apartments



Hotels



Schools

**DOORBELL**

Smart Wi-Fi Doorbell Camera



MODEL	DS-HD1
MOBILE CALLING	• Calls Hik-Connect mobile app
CAMERA	3 MP
SENSOR SIZE	1/2.8" Starlight Sensor
LENS, FIELD OF VIEW	180° Vertical FOV
IR RANGE MAX	10 ft
VIDEO COMPRESSION	H.264
AUDIO INPUT/OUTPUT	Built-in omnidirectional microphone/ Built-in loud speaker
ALARM INPUT/OUTPUT	Customized alert area, PIR sensor
RATINGS	2.4/5 GHz Dual-Band Wi-Fi
OPERATING TEMPERATURE RANG	Wi-Fi
MODULE I/O	MicroSD Card Storage (Up to 128 GB)
POWER REQUIREMENTS (MAX.)	16 to 24 VAC, 5W
WORKING TEMPERATURE	-22° F to 140° F (-30° C to 60° C)
RATINGS	IP65
DIMENSION (H×W×D)	5.12" x 1.83" x 0.85" (130 mm x 46.3 mm x 21.5 mm)
BRACKETS	Includes flat and angled mounting plates

Modular IP Video Intercom**DS-KIS602****Models Included:**

DS-KD8003-IME1/Surface
DS-KH6320-WTE1

Accessories Included:

16GB Micro SD Card
DS-3E0105P-E/M

Key Features:

- Guests call from the video door station with a single button.
- Host receives calls and can unlock door from indoor station and Hik-Connect mobile app.
- Make room-to-room audio calls between indoor stations.
- Indoor Station records messages on the included micro SD card
- Indoor station monitors door station(s) and up to 16 cameras.
- Easy operation with UI 2.0
- All devices use standard PoE

Two-Wire Video Intercom Kit**DS-KIS702-P****Models Included:**

DS-KD8003-IME2
DS-KD-ACW1
DS-KH6320-WTE2
DS-KAD704

Accessories Included:

16 GB Micro SD Card
Power Supply

Key Features:

- 2 Mega Pixel HD fisheye camera with night vision and 180° wide viewing angle
- Plug & play two-wire and IP based video intercom kit
- Guests call from the video door station with a single button
- Simplified user interface indoor station with 7-inch touch screen
- Host receives calls and can unlock door from indoor station and Hik-Connect mobile app
- Make room-to-room audio calls between indoor stations
- Indoor station records messages on the included micro SD card
- Indoor station monitors door station(s) and up to 16 cameras
- Metal outdoor panel, waterproof, IP65 rating



	IP VIDEO INTERCOM RUGGED DOOR	IP VIDEO INTERCOM RUGGED DOOR	IP VIDEO INTERCOM EXPANDABLE DOOR STATION		IP VIDEO INTERCOM	TWO-WIRE VIDEO INTERCOM EXPANDABLE	IP VIDEO INTERCOM 1-TENANT DOOR	IP VIDEO INTERCOM 2-TENANT DOOR	IP VIDEO INTERCOM 4-TENANT DOOR	TWO-WIRE VIDEO INTERCOM DOOR STATION	IP VIDEO INTERCOM 2 & 4 TENANT	IP VIDEO INTERCOM MULTI-TENANT
												
MODEL	DS-KB8112-IM	DS-KB8113-IME1	DS-KD8003-IME1/Surface	DS-KD8003-IME1/Flush	DS-KD8003-IME1	DS-KD8003-IME2	DS-KV8113-WME1	DS-KV8213-WME1	DS-KV8413-WME1	DS-KV8103-IME2	DS-KV8202-IM (2 button) DS-KV8402-IM (4 button)	DS-KD3002-VM
MOBILE CALLING	Calls Hik-Connect app independently and also works with an indoor station.	Calls Hik-Connect app independently and also works with an indoor station.	• Calls indoor stations • Calls Hik-Connect mobile app via indoor station		• Calls indoor stations • Calls Hik-Connect mobile app via indoor station	• Calls indoor stations • Calls Hik-Connect mobile app via indoor station	• Calls indoor stations • Calls Hik-Connect mobile app via indoor station	• Calls indoor stations • Calls Hik-Connect mobile app via indoor station	• Calls indoor stations • Calls Hik-Connect mobile app via indoor station	Calls Hik-Connect app via distributor.	Requires indoor station to call Hik-Connect mobile app.	Requires indoor station for each tenant to call Hik-Connect mobile app. Supports 999 tenants.
CAMERA	1.3 MP, 80° × 44° FOV	2 MP, 88° × 45° FOV, WDR	2 MP, 180° × 96° FOV, WDR		2 MP, 180° × 96° FOV, WDR	2 MP, 180° × 96° FOV, WDR	2 MP, 129° × 75° FOV, WDR	2 MP, 129° × 75° FOV, WDR	2 MP, 129° × 75° FOV, WDR	2 MP, 155° FOV, 10 ft IR, True WDR	1.3 MP, 98.6° × 67.4° FOV, 15 ft IR	1.3 MP, 98.6° × 67.4° FOV, 15 ft WL
NIGHT VISION	IR supplement light up to 16 ft	IR supplement light up to 10 ft	IR supplement light up to 10 ft		IR supplement light up to 10 ft	IR supplement light up to 10 ft	IR supplement light up to 10 ft	IR supplement light up to 10 ft	IR supplement light up to 10 ft			
VIDEO COMPRESSION	H.264	H.264	H.264		H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264
PHYSICAL BUTTONS	1	1	1 with Name Tag		1 with Name Tag	1 with Name Tag	1 with Name Tag	2 with Name Tag	4 with Name Tag	1 with Name Tag	2 or 4 with Name Tags	14
INTERNAL CARD READER	-	-	-		-	-	Mifare Card Reader	Mifare Card Reader	Mifare Card Reader	-	Mifare Card Reader	Mifare Card Reader
LOCK RELAY	1 (12V, 1 A max.)	1 (12V, 1 A max.)	2 (30 V, 1 A max. each)		2 (30 V, 1 A max. each)	2 (30 V, 1 A max. each)	1 button	2 button	4 button	1	1 (12V, 1 A max.)	1 (12V, 1 A max.)
AUDIO I/O	Built-in Microphone & Loudspeaker	Built-in Microphone & Loudspeaker	Built-in Microphone & Loudspeaker		Built-in Microphone & Loudspeaker	Built-in Microphone & Loudspeaker	Built-in Microphone & Loudspeaker	Built-in Microphone & Loudspeaker	Built-in Microphone & Loudspeaker			
MAX. EXTENSIONS	8 Door Station Extensions	8 Door Station Extensions	8 Door Station Extensions		8 Door Station Extensions	8 Door Station Extensions	8 Door Station Extensions	8 Door Station Extensions	8 Door Station Extensions	1 Door Station Extension	8 Door Station Extensions	8 Door Station Extensions
NETWORK PROTOCOL	10/100 Mbps TCP/IP, RTSP, RTP, ISAPI, NTP, HTTP, HTTPS, DHCP, FTP, SMTP	10/100 Mbps TCP/IP, RTSP, RTP, ISAPI, NTP, HTTP, HTTPS, DHCP, FTP, SMTP	10/100 Mbps TCP/IP, RTSP		TCP/IP, RTSP	TCP/IP, RTSP	10/100 Mbps TCP/IP, RTSP	10/100 Mbps TCP/IP, RTSP	10/100 Mbps TCP/IP, RTSP	10/100 Mbps TCP/IP, RTSP	10/100 Mbps TCP/IP, RTSP	10/100 Mbps TCP/IP, RTSP
NETWORK INTERFACE	RJ45	RJ45	RJ45		RJ45	Two-Wire Transmission	RJ45, Wi-Fi (802.11b/g/n)	RJ45, Wi-Fi (802.11b/g/n)	RJ45, Wi-Fi (802.11b/g/n)	Two-Wire Transmission	RJ45	RJ45
MODULE I/O	-	-	1		1	1	Supports SDHC 128 GB Max.	Supports SDHC 128 GB Max.	Supports SDHC 128 GB Max.	-	-	-
TAMPER ALARM	-	-	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SENSOR/ALARM INPUTS	1	1	4		4	4	4	4	4	2	4	4
POWER REQUIREMENTS (MAX.)	12 VDC, PoE (802.3af), ≤12 W	12 VDC, PoE (802.3af), ≤10 W	12 VDC, PoE (802.3af), ≤10 W		PoE (802.3af) or 12 VDC independent power supply (<20 W)	24 VDC two-wire power supply (< 16 W) or 12 VDC independent power supply (<20 W)	IEEE802.3af, standard PoE 12 VDC @10 W	IEEE802.3af, standard PoE 12 VDC @10 W	IEEE802.3af, standard PoE 12 VDC @10 W	Powered by DS-KAD709 (24 VDC), ≤12 W	12 VDC, 24V PoE (DS-KAD606-P), ≤12 W	12 VDC, ≤15 W
WORKING TEMPERATURE	-30 to 50 °C (-22 to 122 °F)	-30 to 50 °C (-22 to 122 °F)	-40 to 60 °C (-40 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 +53 °C (-40 °F to +127.4 °F)	-40 °C to +53 °C (-40 °F to +127.4 °F)	-40 °C to +53 °C (-40 °F to +127.4 °F)	-30 to 60 °C (-22 to 140 °F)	-40 to 70 °C (-40 to 158 °F)	-40 to 60 °C (-40 to 140 °F)
RATINGS	UL, IK9, IP66	UL, IK9, IP65	UL, IP65		UL, IP65	UL, IP65	UL, IP65, IK08	UL, IP65, IK08	UL, IP65, IK08	UL, IP65	UL, IP65	UL, IP65
DIMENSION (H×W×D)	161.9×74.1×53.2 mm (6.37×2.92×2.09 in)	161.85 mm × 74.13 mm × 53.2 mm (6.372" × 2.919" × 2.094")	98×99.8×43.9 mm (3.86×3.93×1.73 in)	98×99.8×43.9 mm (3.86×3.93×1.73 in)	98 x 100 x 43.9 mm (3.86 x 3.94 x 1.73 in)	98 x 100 x 43.9 mm (3.86 x 3.94 x 1.73 in)	174 mm x 91 mm x 29 mm (6.85 x 3.58 x 1.14 in)	174 mm x 91 mm x 29 mm (6.85 x 3.58 x 1.14 in)	174 mm x 91 mm x 29 mm (6.85 x 3.58 x 1.14 in)	163×104×44 mm (6.42×4.09×1.73 in)	182×100×33 mm (7.17×3.94×1.30 in)	357×124×55 mm (14.1×4.9×2.2 in)



**IP VIDEO INTERCOM
INDOOR STATION**



**IP VIDEO INTERCOM
INDOOR STATION**



**IP VIDEO INTERCOM
INDOOR STATION**



**TWO-WIRE VIDEO INTERCOM
INDOOR STATION**



IP VIDEO INTERCOM TABLET



MODEL	DS-KH9510-WTE1	DS-KH8350-WTE1	DS-KH6320-WTE1	DS-KH6320-WTE2	DS-KC001 (Desk Stand Included)
MOBILE CALLING	<ul style="list-style-type: none"> • Calls other indoor stations • Relays door station call to Hik-Connect mobile app • Calls iVMS-4200 Center 	<ul style="list-style-type: none"> • Calls other indoor stations • Relays door station call to Hik-Connect mobile app • Calls iVMS-4200 Center 	<ul style="list-style-type: none"> • Calls other indoor stations • Relays door station call to Hik-Connect mobile app • Calls iVMS-4200 Center 	<ul style="list-style-type: none"> • Calls other indoor stations • Relays door station call to Hik-Connect mobile app • Calls iVMS-4200 Center 	-
DISPLAY	Touchscreen, 10 in TFT LCD, 1024×600, Plastic Frame	Touchscreen, 7 in TFT LCD, 1024×600, Plastic Frame	Touchscreen, 7 in TFT LCD, 1024×600, Plastic Frame	Touchscreen, 7 in TFT LCD, 1024×600, Plastic Frame	Touchscreen, 7 in TFT LCD, 1024×600, Plastic Frame
VIDEO COMPRESSION	H.264	H.264	H.264	H.264	-
PHYSICAL BUTTONS	-	1 Unlock Button	-	-	-
AUDIO OUTPUT	Microphone/Speaker	Microphone/Speaker	Microphone/Speaker	Microphone/Speaker	Microphone/Speaker
MAX. EXTENSIONS	5 Indoor Extensions	5 Indoor Extensions	5 Indoor Extensions	5 Indoor Extensions	-
NETWORK PROTOCOL	10/100 Mbps TCP/IP, RTSP	10/100 Mbps TCP/IP, RTSP	10/100 Mbps TCP/IP, RTSP	10/100 Mbps TCP/IP, RTSP	10/100 Mbps TCP/IP
NETWORK INTERFACE	RJ45, Wi-Fi (802.11b/g/n)	RJ45, Wi-Fi (802.11b/g/n)	RJ45, Wi-Fi (802.11b/g/n)	Two-wire, Wi-Fi (802.11b/g/n)	RJ45, Wi-Fi (802.11b/g/n)
MICRO SD CARD SLOT	Supports SDHC 32 GB Max.	Supports SDHC 32 GB Max.	Supports SDHC 32 GB Max.	Supports SDHC 32 GB Max.	Built-in 32 GB microSD card
SENSOR/ALARM INPUTS	8	8	8	8	-
POWER REQUIREMENTS (MAX.)	12 VDC, PoE (802.3af), ≤8 W	12 VDC, PoE (802.3af), ≤7 W	12 VDC, PoE (802.3af), ≤7 W	Two-wire ≤ 6 W	12 VDC ≤5 W (power supply included)
WORKING TEMPERATURE	-10 to 50 °C (14 to 122 °F)	-10 to 55 °C (14 to 131 °F)	-10 to 55 °C (14 to 131 °F)	-10° C to 55° C (14° F to 131° F)	-10° to 50° C (14° to 122° F)
RATINGS	UL	UL	UL	UL	UL
DIMENSION (H×W×D)	254 mm × 166 mm × 26.65 mm (10.0" × 6.54" × 1.05")	180 mm × 140 mm × 22.4 mm (7.09" × 5.51" × 0.88")	200 mm × 140 mm × 15.1 mm (7.9" × 5.5" × 0.6")	200 mm × 140 mm × 15.1 mm (7.9" × 5.5" × 0.6")	200 mm × 140 mm × 15.5 mm (7.87" × 5.51" × 0.61")



	IP VIDEO INTERCOM TABLET	VIDEO INTERCOM MODULE	VIDEO INTERCOM MODULE	VIDEO INTERCOM MODULE	VIDEO INTERCOM MODULE	VIDEO INTERCOM BRACKET	VIDEO INTERCOM BRACKET	VIDEO INTERCOM BRACKET
	Name Tag Module	Keypad Module	Card Reader Module	Display Module	Blank Module	Surface Mount Brackets	Flush Mount Brackets	Flush Mount Brackets
								
MODEL	DS-KD-KK	DS-KD-KP	DS-KD-M	DS-KD-DIS	DS-KD-BK	DS-KD-ACW1 DS-KD-ACW2 DS-KD-ACW3	DS-KD-ACF2 DS-KD-ACF3	DS-KD-ACF1/Plastic DS-KD-ACF2/Plastic DS-KD-ACF3/Plastic
HOW TO BUILD YOUR INTERCOM	Select up to 8 of these modules if not includes display modules. Select up to 5 of these modules if includes display modules					Select surface or flush mount brackets to house the number of modules you selected. Multiple brackets can be mounted adjacently.		
CAMERA	-	-	-	-	-	-	-	-
VIDEO COMPRESSION	-	-	-	-	-	-	-	-
CALL BUTTONS	6 with Name Tag	Dial up to 500 Room Numbers	-	Dial up to 500 Room Numbers	-	-	-	-
KEYPAD	-	Yes (calling and code access)	-	-	-	-	-	-
INTERNAL CARD READER	-	-	Mifare Card Reader	-	-	-	-	-
LOCK RELAY	-	-	-	-	-	-	-	-
MAX. EXTENSIONS	-	-	-	-	-	-	-	-
NETWORK PROTOCOL	-	-	-	-	-	-	-	-
NETWORK INTERFACE	-	-	-	-	-	-	-	-
MODULE I/O	2	2	2	2	-	-	-	-
TAMPER ALARM	-	-	-	-	-	-	-	-
SENSOR/ALARM INPUTS	-	-	-	-	-	-	-	-
POWER REQUIREMENTS (MAX.)	Powered by main module, ≤2 W	Powered by main module, ≤2 W	Powered by main module, ≤2 W	Powered by main module, ≤3W	-	-	-	-
WORKING TEMPERATURE	=-40 to 55 °C (-40 to 131 °F)"	-40 to 55 °C (-40 to 131 °F)	=-40 to 55 °C (-40 to 131 °F)"	=-20 to 60 °C (-4 to 140 °F)"	-	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
RATINGS	IP65	IP65, IK7	IP65	IP65	IP65	-	-	-



VIDEO INTERCOM ACCESSORIES

Surface Mount Shield



VIDEO INTERCOM ACCESSORIES

Surface Mount Shield



VIDEO INTERCOM ACCESSORIES

Desktop Stand



IP VIDEO INTERCOM

IP Audio, Video & Power Distributor



MODEL	DS-KAB02	DS-KAB13-D	DS-KAB21-H	DS-KAD606-P
COMPATIBLE MODELS	DS-KV8102-IM DS-KV8202-IM DS-KV8402-IM	DS-KD3002-VM	DS-KH8300-T DS-KH8301-WT	DS-KV8102-IM, DS-KV8202-IM, DS-KV8402-IM, DS-KH8300-T, DS-KH8301-WT
NOTES	Stainless Steel Protective Shield	Stainless Steel Protective Shield	Stainless Steel Desktop Stand	RJ45x2 (without Power) RJ45x6 (with 24 VDC Power) UL 60950
POWER REQUIREMENTS (MAX.)	-	-	-	24 VDC, ≤8 W, AC Adapter Included
WORKING TEMPERATURE	-30 to 70 °C (-22 to 158 °F)	-40 to 70 °C (-40 to 158 °F)	-10 to 55 °C (14 to 131 °F)	-10 to 55 °C (14 to 131 °F)
DIMENSION (H×W×D)	193×106×80 mm (7.60×4.17×3.15 in)	360×128×86 mm (11.17×5.04×3.39 in)	131×102×100 mm (5.16×4.02×3.94 in)	176×91×32 mm (6.93×3.58×1.26 in)

TWO-WIRE VIDEO INTERCOM

Distributor



TWO-WIRE VIDEO INTERCOM

Distributor Extender



TWO-WIRE VIDEO INTERCOM

Two-Wire Audio, Video & Power Distributor,



MODEL	DS-KAD706-P	DS-KAD706-SP	DS-KAD709
MOBILE CALLING	• Relays door station call to Hik-Connect mobile app	• Relays door station call to Hik-Connect mobile app	Relays door station call to Hik-Connect mobile app.
MAX. EXTENSIONS	15 DS-KAD706-P Cascade	-	2 Door Stations, 5 Indoor Stations
NETWORK PROTOCOL	10/100 Mbps TCP/IP, RTSP	10/100 Mbps TCP/IP, RTSP	10/100 Mbps TCP/IP
NETWORK INTERFACE	1, RJ45 (1-ch reserved terminal and 1 for WAN access)	1, RJ45 (1-ch reserved terminal and 1 for WAN access)	RJ45x1 Two-Wirex9
MODULE I/O	6-ch for device power supply, including 1-ch for door station power supply with max. output power 16 W	6-ch for data exchanging	-
POWER REQUIREMENTS (MAX.)	24 VDC < 9 W (Included)	24 VDC < 7 W (Included)	24 VDC, ≤4 W, Includes 24 VDC 2.5 A DC Adapter
WORKING TEMPERATURE	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 to 55 °C (14 to 131 °F)
RATINGS	UL 60950	UL 60950	UL 60950
DIMENSION (H×W×D)	150 x 95 x 67mm (5.9 x 3.7 x 2.6in)	150 x 95 x 67mm (5.9 x 3.7 x 2.6in)	112×111×66 mm (4.42×4.37×2.60 in)

Access Control Solutions

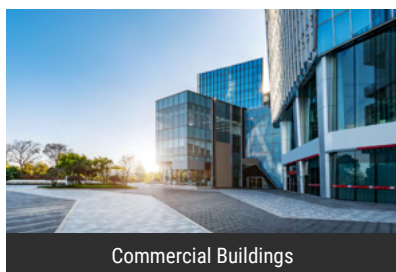


Hikvision access control solutions offer a complete lineup of devices from multi-door control panels and card readers to standalone, fingerprint, video, time and attendance, and temperature screening terminals. These products are compatible with Hikvision's free iVMS-4200 Client Software. Access control solutions integrate into existing Hikvision video surveillance systems, delivering a versatile, full-service security system. Our access control solutions easily integrate with our NVRs and DVRs, combining entry/exit management with visual records.

FEATURES

- Bundled with iVMS-4200 software to manage users, permissions and rules for the system
- Supports Wiegand protocol readers and RS485 protocol which uses simpler wiring and permits longer transmission distances
- An Access Control Kit (DS-KIT2DRACP) combines a controller, two readers, and a set of proximity cards for a system that is easy to purchase and install
- Multiple authentication methods are available including card authentication, keypad passcode, and fingerprint ID authentication. The user has the ability to request two different types of authentication methods to ensure maximum security.
- Advanced anti-pass back and multi-door interlocking features give the user a truly exceptional security environment

APPLICATIONS



Commercial Buildings



Healthcare



Apartments



Warehouses



Schools



	ACCESS CONTROL TERMINAL	ACCESS CONTROL FINGERPRINT TERMINAL	TOUCHLESS ACCESS CONTROL TERMINAL	TOUCHLESS ACCESS CONTROL TERMINAL	FINGERPRINT TERMINAL	VIDEO INTERCOM TERMINAL	TIME ATTENDANCE TERMINAL	TOUCHLESS ACCESS CONTROL TERMINAL
								
MODEL	DS-K1T671M	DS-K1T671MF	DS-K1T671TM-3XF	DS-K1T341BMW-I-T	DS-K1T201MF	DS-K1T500S DS-K1T501SF	DS-K1T804MF	DS-K1T606M
CARD READER	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare
TEMPERATURE MEASUREMENT MEASURE	-	-	Vanadium Oxide uncooled sensor	Vanadium Oxide uncooled sensor				
TEMPERATURE MEASUREMENT RANGE	-	-	30 °C to 45 °C (86 °F to 113 °F)	30 °C to 45 °C (86 °F to 113 °F)				
TEMPERATURE MEASURING DISTANCE	-	-	0.3 to 2.0 m (0.98 to 6.5 ft)	0.3 to 1.0 m (0.98 to 3.3 ft)				
CARD NUMBER CAPACITY	6,000	6,000	50,000	5,000	100000	50000	3000	50000
MAX EVENT CAPACITY	50,000	50,000	100,000	100,000	300000	200000	100000	100000
BIOMETRICS	ID Authentication	Fingerprint	ID Authentication	ID Authentication	Fingerprint	DS-K1T500S: N/A DS-K1T501SF: Fingerprint	Fingerprint	ID Authentication
FINGERPRINT CAPACITY	-	5,000	-	-	9500	-	3000	-
CAMERA	2 MP Dual-Lens Camera, WDR	2 MP Dual-Lens Camera, WDR	2 MP Dual-Lens Camera, WDR	2 MP Dual-Lens Camera	-	2 MP for Intercom & Recording	-	2 MP (ID Authentication Only)
SUPPORT SD CARD	-	-	-	-	Max. 32G	Max. 128G	-	-
INPUT INTERFACE	1x Lock Relay, 1x Alarm Output	1x Lock Relay, 1x Alarm Output	1x Lock Relay, 1x Alarm Output	1x Lock Relay	Exit Button x1 Door Sensor x 1 Alarm x2	Door Magnetic Sensor x1 Alarm Input x2 Tamper Alarm x1 Exit Button x1	Exit Button x1 Door Sensor x1 Alarm Input x1	Exit Button x1 Door Sensor x1 Alarm Input x1
OUTPUT INTERFACE	1x Chime Relay, 1x Alarm Output, 1x Wiegand	1x Chime Relay, 1x Alarm Output, 1x Wiegand	1x Chime Relay, 1x Alarm Output, 1x Wiegand	1x Wiegand	Lock Relay x1 Chime Relay x1	Lock Relay x1 Chime Relay x1	Lock Relay x1 Chime Relay x1 Alarm Output x1	Lock Relay x1 Chime Relay x1 Alarm Output x1
PROTECTION LEVEL	IP65	IP65	Indoor and windless environment use only	Indoor and windless environment use only	-	IP65	-	IP65
COMM. INTERFACE UPLINK	Wiegand26/34, RS-485 (Card Reader Mode)	Wiegand26/34, RS-485 (Card Reader Mode)	Wiegand26/34, RS-485 (Card Reader Mode)	Wiegand26/34, RS-485 (Card Reader Mode)	Wiegand26/34, RS-485 (Card Reader Mode)	Wiegand26/34, RS-485 (Card Reader Mode)	Wiegand26/34,RS-485 (Card Reader Mode)	Wiegand26/34 (Card Reader Mode)
COMM. INTERFACE DOWNLINK	Wiegand26/34, RS-485	Wiegand26/34, RS-485	Wiegand26/34, RS-486	Wiegand26/34, RS-486	Wiegand26/34, RS-485	RS-485	Wiegand26/34, RS-485	Wiegand26/34, RS-485
DISPLAY SCREEN	7 in LCD Touch Screen	7 in LCD Touch Screen	7 in LCD Touch Screen	4.3 in LCD Touch Screen	2.8 in 320x240 TFT LCD	-	2.4 in 320x240 TFT LCD	5 in LCD Touch Screen
LOCAL INPUT	Touchscreen	Touchscreen	Touchscreen	Touchscreen	Keypad	-	Keypad	Touchscreen
AUDIO	-	-	-	-	Speaker for voice prompt	Two-Way Audio	Speaker for voice prompt	Speaker for voice prompt
RATINGS	UL, IP65	UL, IP65	UL	-	UL	UL, IP65	UL, IP42	UL, IP65
TAMPERING/DURESS ALARM	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
WORKING TEMPERATURE	-30° C to 60° C (-22° F to 140° F)	-30° C to 60° C (-22° F to 140° F)	For temperature measurement: 10 °C to 35 °C (50 °F to 95 °F)	For temperature measurement: 10 °C to 35 °C (50 °F to 95 °F)	-20 to 65 °C (-4 to 149 °F)	-40 to 70 °C (-40 to 158 °F)	-10 to 55 °C (14 to 131 °F)	-20 to 55 °C (-4 to 122 °F)
POWER REQUIREMENTS (MAX.)	12V DC/3 A (Power Adapter Sold Separately)	12V DC/3 A (Power Adapter Sold Separately)	12 VDC/2 A (Power Adapter Sold Separately)	12 VDC/2 A (Power Adapter Included)	12 VDC	12 VDC, 1 A	12 VDC, 2 A	12 VDC, 2 A
ACCESSORIES	DS-KAB671-S DS-KAB671-B DS-KAB6-BASE DS-KP12V-3A Power Adapter	DS-KAB671-S DS-KAB671-B DS-KAB6-BASE DS-KP12V-3A Power Adapter	DS-KAB671-B DS-KAB6-BASE DS-DM0701BL DS-KP12V-3A Power Adapter	DS-KAB671-B DS-KAB6-BASE	DS-K2M060: Securing Unit	DS-K2M060: Securing Unit	DS-K2M060: Securing Unit	DS-K2M060: Securing Unit



NETWORK ACCESS CONTROLLER

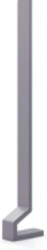
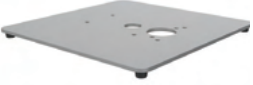




MODEL	DS-K2602-G	DS-K2604-G
UPLINK COMMUNICATION INTERFACE	TCP/IP Network Interface and RS-485 Interface	TCP/IP Network Interface and RS-485 Interface
DOWNLINK COMMUNICATION INTERFACE	RS-485 and Wiegand (w26/w34)	RS-485 and Wiegand (w26/w34)
STORAGE MAX CARDS NUMBER	100,000	100,000
STORAGE MAX EVENTS NUMBER	300,000	300,000
RS485 CARD READER INTERFACE	4	8
MIFARE CARD READER INTERFACE	4	4
INPUT INTERFACE	4 Alarm Input 2 Door Sensor 2 Exit Button 4 Case Input 1 Tamper Alarm	4 Alarm Input 4 Door Sensor 4 Exit Button 8 Case Input 1 Tamper Alarm
OUTPUT INTERFACE	2 Lock Relay 4 Alarm Relay	4 Lock Relay 4 Alarm Relay
BUILT-IN POWER SUPPLY	110-220VAC, 8.5A Max	110-220VAC, 8.5A Max
PANEL POWER INPUT VOLTAGE	12 VDC	13 VDC
LOCK OUTPUT	12 VDC, 1A Max Each Lock	12 VDC, 1A Max Each Lock
CERTIFICATIONS	CE, FCC, UL 294 ETL Listed	CE, FCC, UL 294 ETL Listed

TERMINAL SECURING UNIT



MODEL	DS-K2M060
FUNCTION	Use with an access control terminal or video door station to securely route wires for the exit button, lock, door sensor, alarm output and secondary card reader from the inside of the building.
TERMINAL COMMUNICATION INTERFACE	RS-485 with Indicator
INPUT / OUTPUT INTERFACE	Exit Button x1, Lock x1, Door Sensor x1, Alarm Out x1 and Wiegand x1
SUPPORTED MODELS	DS-KV8102-IM, DS-KV8202-IM, DS-KV8402-IM, DS-KD3002-VM, DS-K1T105M/M-C, DS-K1T201MF/MF-C, DS-K1T500S, DS-K1T501SF, DS-K1T804MF, DS-K1T606M/MF
POWER REQUIREMENTS	12 VDC
WORKING TEMPERATURE	-30 to 55 °C
RATINGS	FCC, CE, UL 60950
DIMENSIONS	115x48x25 mm (4.53x1.89x0.98 in)

	BRACKET	BASE PLATE	BRACKET	BRACKET
SECTION	DS-K1T671X Accessories	DS-K1T671X Accessories	DS-K1T671TM-3XF Accessories	DS-K1T671M(-F) Accessories
MODEL				
MATERIAL	DS-KAB671-B	DS-KAB6-BASE	DS-DM0701BL	DS-KAB671-S
MATERIAL	Cold-Rolled Steel Plate (SPCC)	Hot rolled steel plate (SPHC)	Cold-Rolled Steel Plate (SPCC)	PC
WEIGHT	6.7 kg (14.8 lb)	"4863.5 g (10.7 lb)	2.2 ± 0.5 kg (4.85 ± 1.1 lbs)	172 g (0.4 lb)
DIMENSION (HXWXD)	98.5 mm × 1342 mm × 225 mm (3.9" × 52.8" × 8.9")	325 mm × 325 mm × 17 mm (12.8" × 12.8" × 0.7")	193 mm × 353.5 mm × 195.5 mm (7.6" × 14.3" × 7.7")	135 mm × 250 mm × 80 mm (5.3" × 9.8" × 3.1")

CARD ENROLLMENT



FINGERPRINT ENROLLMENT



	CARD ENROLLMENT	FINGERPRINT ENROLLMENT
MODEL	DS-K1F100-D8E	DS-K1F820-F
CARD READING FREQUENCY	13.56 MHz and 125 KHz	N/A
SUPPORTED CARD FORMATS	Mifare and EM	N/A
INTERFACE	USB 2.0	USB 2.0
PLUG AND PLAY	Yes (Windows)	Yes (Windows)
ENCRYPTION	Yes	Yes
POWER REQUIREMENTS	USB, 200 mA	USB, 200 mA
WORKING TEMPERATURE	-20 to 65 °C (4 to 149 °F)	-30 to 70 °C (-22 to 158 °F)
RATINGS	UL 60950	UL 60950
DIMENSIONS	117x67.5x14.3 mm (4.61x2.66x0.56 in)	100x48.5x35 mm (3.94x1.89x1.38 in)



MIFARE CARD READER



FINGERPRINT CARD READER



PROXIMITY CARD READER



PROXIMITY CARD READER



MODEL	DS-K1102M DS-K1102MK	DS-K1104M DS-1104MK	DS-K1107M DS-K1107MK	DS-K1201MF	DS-K182HP	DS-K170HPK
CARD TYPE	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare	125 KHz Prox	125 KHz Prox
COMM. INTERFACE	Wiegand 26/34, RS-485	Wiegand 26/34, RS-485	Wiegand 26/34, RS-485	RS-485	Wiegand 26	Wiegand 26
BIOMETRICS	-	-	-	Fingerprint	-	-
FINGERPRINT CAPACITY	-	-	-	5000	-	-
RS-485 ID SETTINGS	DIP Switch	DIP Switch	DIP Switch	DIP Switch	-	-
KEYPAD	DS-K1102M: N/A DS-K1102MK: Yes	DS-K1104M: N/A DS-K1104MK: Yes	DS-K1107M: N/A DS-K1107MK: Yes	-	-	Yes
WORKING TEMPERATURE	-20 to 65 °C (-4 to 149°F)	-20 to 65 °C (-4 to 149°F)	-20 to 65 °C (-4 to 149°F)	-40 to 70 °C (-40 to 158°F)	-40 to 65 °C (-40 to 149 °F)	-40 to 65 °C (-40 to 149 °F)
PROTECTION LEVEL	UL, IP64	UL, IP65, IK10	UL, IP65	UL, IP65	UL 294 ETL Listed, IP67	UL 294 ETL Listed, IP67
INSTALLING	Single Gang Box	Single Gang Box	Mullion	Single Gang Box	Mullion	Mullion
POWER SUPPLY	12 VDC	12 VDC	12 VDC	12 VDC ±10%	5 to 16 VDC	5 to 16 VDC



WALK-THROUGH DETECTOR



MODEL	ISD-SMG318LT-D
TEMPERATURE MEASUREMENT SENSOR	Vanadium Oxide uncooled sensor
TEMPERATURE MEASUREMENT RANGE	30 °C to 45 °C (86 °F to 113 °F)
TEMPERATURE MEASURING DISTANCE	0.5 to 1.5 m (1.6 to 5 ft)
CAMERA	Optical: 4 MP 2688 × 1520@25fps, WDR, 4mm Thermal: 160 x 120, 3mm, Aperture 1.1
INPUT INTERFACE	1 x Alarm Input, 1 x Audio Input
OUTPUT INTERFACE	1 x Alarm Output, 1 x Audio Output
PROTECTION LEVEL	RJ45
DISPLAY SCREEN	7 in LCD Touch Screen
LOCAL INPUT	Touchscreen
NETWORK	RJ45
RATINGS	Turret camera: IP66 Walk-through detector: IP53 IC, CE, FCC, UL
WORKING TEMPERATURE	Turret camera: 5°C to 40°C, <95% RH Walk-through detector: -20°C to 85°C, 99%, RH
POWER REQUIREMENTS (MAX.)	12 VDC



MIFARE CARD (25-PACK)

MIFARE KEY FOB (25-PACK)

PROXIMITY CARD (25-PACK)

PROXIMITY KEY FOB (25-PACK)



MODEL	ICS50-25	DS-K7M102-M	DS-K7M151-P	DS-K7M153-P
SENSING FREQUENCY	13.56 MHz	13.56 MHz	125 kHz	125 kHz
CARD FORMAT	Mifare	Mifare	Prox	Prox
WORKING TEMPERATURE	-20 to 75 °C (-4 to 167 °F)	-10 to 50 °C (14 to 122 °F)	-37 to 50 °C (-35 to 122 °F)	-37 to 50 °C (-35 to 122 °F)
DIMENSION	85.5×54×0.8 mm	26×50×4 mm	56×86×1.5 mm	30×38×3.8 mm

EXIT BUTTON

EXIT BUTTON

EMERGENCY BREAK GLASS



MODEL	DS-K7P02	DS-K7P04	DS-K7PEB
DIMENSION(L×W×H)	90×35×28.9mm (3.54×1.38×1.14")	90×35×37.7mm (3.54×1.38×1.48")	86(L)×86(W)×50(H)(mm)
INPUT VOLTAGE	12 VDC	12 VDC	12V DC
WORKING CURRENT	20mA(standby), 50mA(working current)	20mA(standby), 50mA(working current)	3A @ 12V DC
CURRENT RATING	3A@36VDC,0.5A@125VAC	1A@30VDC,0.5A@125VAC	3A @ 12V DC
OUTPUT CONTACT	NO/NC/COM contact	NO/NC/COM contact	NO/NC/COM
PANEL	aluminum panel	aluminum panel	Fireproof Material
SUITABLE DOORS	-	all kinds of narrow doorframes	Exit door, Emergency door
WORKING TEMPERATURE	-10 to 55 °C (14 to 131 °F)	-20 to 50 °C (-4 to 122 °F)	-10 to 55 °C (14 to 131 °F)
WORKING HUMIDITY	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0% to 95% (relative humidity)
MAXIMUM INDUCTIVE DISTANCE	-	40 to 100mm(1.57 to 3.94") (adjustable)	NA
LED INDICATOR STATUS	white/green/red LED, indicates power-off/active/Standby	white/green/red LED, indicates power-off/active/Standby	NA
PRODUCT WEIGHT	0.2 kg (0.44 lb)	0.12 kg (0.26 lb)	0.2 kg (0.44 lb)

MAGNETIC LOCK

MAGNETIC LOCK

LZ BRACKET

U BRACKET

ELECTRIC BOLT



MODEL	DS-K4H250D	DS-K4H250S	DS-K4H250-LZ	DS-K4H250-U	DS-K4T100
MAXIMUM THRUST	300 kg (660 lb) ×2	300 kg (660 lb)	300 kg	300 kg	800 kg
POWER REQUIREMENTS	12 VDC, 500 mA ×2 24 VDC, 250 mA ×2 12 W	12 VDC, 500 mA 24 VDC, 250 mA 6 W	-	-	900 mA (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 & Green	Red & Green	-	-	-
SUITABLE DOOR	Wooden Door, Glass Door, Metal Door, Fireproof Door	Wooden Door, Glass Door, Metal Door, Fireproof Door	in-swing doors	frameless glass door	Wooden Door, Glass Door, Metal Door, Fireproof Door
WORKING TEMPERATURE	-10 to 55 °C (14 to 131 °F)	-10 to 55 °C (14 to 131 °F)	-	-	-10 to 55 °C (14 to 131 °F)
WEIGHT	4.2 kg (9.3 lb)	2.1 kg (4.63 lb)	0.75 kg (1.58 lb)	0.32 kg (0.70 lb)	0.7 kg (1.54 lb)
DIMENSIONS	480×49×25.5 mm (18.9×1.93×1.00 in)	240×49×25.5 mm (9.45×1.93×1.00 in)	L-Bracket: 250×47×28.5 mm (9.84×1.85×1.12 in) Z-bracket: 180×50×50 mm (7.09×1.97×1.97 in)	180×40×28 mm (7.09×1.57×1.10 in)	Plate: 205×35×40 mm (8.07×1.38×1.57 in) Strike: 90×25×2 mm (3.54×0.98×0.07 in)

Mobile Solution



Hikvision's Mobile Onboard Video System is designed for easier and smarter supervision, scheduling, and emergency response of buses, taxis, trucks, and other types of vehicles.

The system enables real-time monitoring of vehicle's interior and their surroundings along with high precision positioning of vehicles. The system's video analytics capabilities ensure that abnormal driving behaviors can be promptly and accurately detected and drivers can be instantly alerted, protecting them and their passengers from potential incidents. Should an incident such as pickpocketing or a traffic accident occur, video footage with key data can be exported to law enforcement agencies as forensic evidence. The system also features a powerful software platform for live view, video playback, GIS map, device health monitoring, emergency alarms, and more.



								
MODELS	DS-2XM6726G0-IS/ND(2mm) (2MP) DS-2XM6726G0-IM/ND(2.8mm) (2MP) DS-2XM6726G0-IM/ND(8mm) (2MP) DS-2XM6726G0-IS/ND(8mm) (2MP) DS-2XM6726G0-IM/ND(2mm) (2MP) DS-2XM6726G0-IS/ND(2.8mm) (2MP) DS-2XM6756G0-IS/ND(2.8mm) (6MP) DS-2XM6756G0-IM/ND(2.8mm) (6MP) DS-2XM6756G0-IS/ND(2.0mm) (6MP) DS-2XM6756G0-IM/ND(2.0mm) (6MP)	DS-2XM6222G0-IM/ND(4mm) DS-2XM6222G0-I/ND(4mm) DS-2XM6222G0-ND(2.8mm) DS-2XM6222G0-IM/ND(2.8mm)	DS-2XM6522G0-I/ND(4mm) DS-2XM6522G0-IM/ND(4mm)	DS-2XM6825G0/C-IVS(2mm)(O-STD) DS-2XM6825G0/C-IVSM(2mm)(O-STD)	AE-VC122T-ITS(2.1mm) AE-VC122T-ITS(3.6mm)	AE-VC211T-IRS (2.8mm) AE-VC211T-IRS (3.6mm)	AE-VC124T-IT(2.1mm)	
CAMERA TYPE	Interior Camera, Network	Exterior Camera, Network	Exterior Side View Camera, Network	People Counting Camera, Network	Interior Camera, Analog	Interior Camera, Analog	Exterior Camera, Analog	
NETWORK INTERFACE	RJ45 or M12	RJ45 or M12	RJ45 or M12	RJ45 or M12	Analog, Aviation Port	Analog, Aviation Port	Analog, Aviation Port	
MEGAPIXELS	2MP/6MP	2MP	2MP	2MP	1MP	2MP	1MP	
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	2MP: 1/2.8" 6MP: 1/2.9"	1/2.7"	1/2.8"	1/2.8"				
MIN ILLUMINATION (LUX)	2MP: Color: 0.002 Lux @ (F1.6, AGC ON) 6MP: Color: 0.018 Lux @ (F1.6, AGC ON)	Color: 0.018 lux @ (F1.2, AGC ON) B/W: 0.006 lux @ (F1.2, AGC ON), 0 lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.002 Lux @ (F1.2, AGC ON), 0.007 Lux @ (F2.25, AGC ON) B/W: 0.0002 Lux @ (F1.2, AGC ON), 0.0007 Lux @ (F2.25, AGC ON)	0.1Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR	
LENS (FOV H X V)	2MP: 2 mm, horizontal FOV 132.8°, vertical FOV 77.6°, diagonal FOV 151.5° 2.8 mm, horizontal FOV 108°, vertical FOV 59.3°, diagonal FOV 128.9° 8 mm, horizontal FOV 40.9°, vertical FOV 22.5°, diagonal FOV 47.4° 6MP: 2 mm, horizontal FOV 119.4°, vertical FOV 81.9°, diagonal FOV 142.5° 2.8 mm, horizontal FOV 97.5°, vertical FOV 63.6°, diagonal FOV 119.9°	2.8 mm: horizontal FOV 104°, vertical FOV 56°, diagonal FOV 121° 4 mm: horizontal FOV 77°, vertical FOV 42°, diagonal FOV 91°	horizontal FOV 77°, vertical FOV 42°, diagonal FOV 91°	Horizontal FOV 108°, vertical FOV 84°, diagonal FOV 117.5°				
DAY/NIGHT, BLC, WDR	2MP: True, Yes, 120 dB 6MP: True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB		True, Yes, 120 dB		
IR RANGE MAX (METERS)	2MP: 98ft (30 m) 6MP: 98ft (30 m)	98ft (30 m)	33ft (10 m)	9.8ft (3 m)	66ft to 98ft (20m to 30m)	33ft to 66ft (10m to 20m)	33ft to 66ft (10m to 20m)	
VIDEO COMPRESSION	2MP: Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264 6MP: Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264	Main Stream: H.265 /H.264 Sub-Stream: H.265 /H.264 / MJPEG Third Stream: H.265 /H.264	Main Stream: H.265 /H.264 Sub-Stream: H.265 /H.264 / MJPEG Third Stream: H.265 /H.264	Main stream: H.265+/H.265/H.264+/H.264 Sub stream: H.265/H.264/MJPEG				
MAX IMAGE RESOLUTION (PIXELS) & FRAME RATE	2MP: (1920 × 1080), 30 6MP: (3072 × 2048), 20	2 MP: (1920 × 1080), 30	2 MP: (1920 × 1080), 30	2 MP: (1920 × 1200), 30				
AUDIO INPUT/OUTPUT	YES	No	No	YES	1-ch audio output interface(Aviation plug)	1-ch, Aviation Port (Linear Level, 1KΩ)		
ALARM INPUT/OUTPUT	No	No	No	No	No	No	No	
INTELLIGENT FUNCTIONS (DEEP LEARNING ALGORITHM)	No	No	No	No	No	No	No	
RATINGS	P67, IK10, UL Listed	P67, UL Listed	P68, IK10, UL Listed	P66, IK08, UL Listed		IK 07	IP68	
OPERATING TEMPERATURE RANGE	-30 °C to +60 °C (-22°F to 140° F)	-30 °C to +60 °C (-22°F to 140° F)	-40 °C to 70 °C (-40 °F to 158 °F)	-30 °C to +60 °C (-22°F to 140° F)	-40 °C to 75 °C (-40 °F to 167 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-30 °C to 70 °C (-22°F to 158° F)	
POWER REQUIREMENTS (MAX)	PoE: (802.3af, 36V to 57V), 0.30 A to 0.20 A, max: 7.5W	PoE (802.3af, 36 V to 57 V), 0.14 A to 0.09 A, max. 5.2 W	PoE: (802.3af, 36 V to 57 V), 0.25 A to 0.15 A, max. 8.8 W	PoE (802.3 af, 36 to 57 VDC), 0.22 A to 0.13 A, max. 7.8 W	3.5W MAX	4W MAX	2.5W MAX	
BRACKETS								
STANDARDS	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015) UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015); LOA (IEC/EN 60950-1) CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) IP67 (IEC 60529:2013) EN50155-2007(EN 50155:2007, EN 50121-3-2:2016, IEC 60068-2-1:2007, IEC 60068-2-2:2007, IEC 60068-2-30:2005, IEC 60068-2-64:1993, IEC 61373:1999); EN50155-2017(EN 50155:2017, EN 50121-3-2:2016, IEC 60068-2-1:2007, IEC 60068-2-2:2007, IEC 60068-2-30:2005, IEC 61373:2010); EN45545 (EN 45545-2:2013+A1:2015); E-MARK (ECE R10)							



4 CHANNEL MOBILE NVR



4 CHANNEL MOBILE DVR



8 CHANNEL MOBILE NVR



8 CHANNEL MOBILE DVR



MODEL	DS-MP5604N(1T) DS-MP5604N(1T)(M12)	DS-MP5604(1T)	DS-MP7608HN(1T)(M12) –M12 Version DS-MP7608HN(1T)–RJ45 Version DS-MP7608HN–RJ45 Version DS-MP7608HN(M12)–M12 Version	DS-MP7608 DS-MP7608(1T)
VIDEO COMPRESSION	H.264, H.265	H.264, H.265	H.264, H.265	H.264, H.265
VIDEO OUTPUT	Main output: 1, integrated in EXT.DEV interface VGA: 1	Main output: 1, integrated in EXT.DEV interface VGA: 1	1 CVBS output (NTSC: 704 × 480), 1 VGA output (1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768)	1 CVBS output (NTSC: 704 × 480), 1 VGA output (1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768)
AUDIO OUTPUT	1, integrated in AVOUT of EXT.DEV interface	1, integrated in AVOUT of EXT.DEV interface	1	1
ALARM INPUT/OUTPUT	4 high/low level signal inputs, 1 pulse signal input, 1 BUTTON input Note: high level (6 to 36 VDC), low level (0 to 4 VDC) 2 relay signal outputs Note: high level (6 to 36 VDC), low level (0 to 5 VDC)	4 high/low level signal inputs, 1 pulse signal input, 1 BUTTON input 2 relay signal outputs	4 high/low level signal inputs, 1 pulse signal input, 1 BUTTON input (reserved) 2 relay signal outputs	4 high/low level signal inputs, 1 pulse signal input, 1 BUTTON input (reserved) 2 relay signal outputs
HDD/SSD	2 × 2.5 inch HDD/SSD, up to 2 TB for each HDD/SSD	2 × 2.5 inch HDD/SSD, up to 2 TB for each HDD/SSD	2 × 2.5 inch HDD/SSD, up to 2 TB for each HDD/SSD	2 × 2.5 inch HDD/SSD, up to 2 TB for each HDD/SSD
SD CARD			1 × SD card, up to 256 GB	1 × SD card, up to 256 GB
POSITIONING	GPS (Global Positioning System), 1 × Rosenberger antenna	GPS (Global Positioning System), 1 × Rosenberger antenna	GPS (Global Positioning System), 1 × Rosenberger antenna	GPS (Global Positioning System), 1 × Rosenberger antenna
POE INTERFACE	RJ45 Version: 4 × RJ45 PoE interface M12 Version: 4 × M12 PoE interface	/	RJ45 Version: 8 × RJ45 PoE interface M12 Version: 8 × M12 PoE interface	/
POE BUDGET	45 W	/	51 W	/
NETWORK INTERFACE	1 × 10M/100M RJ45 Ethernet interface 1 × 10M/100M M12 6-pin aviation connector (Non-PoE)	1 × 10M/100M M12 6-pin aviation connector	RJ45 Version: 2 × 10M/100M/1000M RJ45 Ethernet interface M12 Version: Front panel: 1 × 10M/100M/1000M RJ45 Ethernet interface Rear panel: 1 × 10M/100M/1000M M12 Ethernet interface	1 × RJ45 10M/100M self-adaptive Ethernet interface
POWER SUPPLY	9 to 32 VDC	9 to 32 VDC	9 to 32 VDC	9 to 32 VDC
POWER CONSUMPTION	Standby: ≤ 0.5 W Full load: ≤ 45 W Note: Without peripheral and storage media ≤ 20 W	Standby: ≤ 0.5 W Full load: ≤ 45 W Note: Without peripheral and storage media ≤ 20 W	Standby: ≤ 0.5 W Full load: ≤ 99 W Note: Without peripheral and storage media ≤ 20 W	Standby: ≤ 0.5 W Full load: ≤ 99 W Note: Without peripheral and storage media ≤ 20 W
OPERATION TEMPERATURE RANGE	Caddy with heating: -30 °C to +60 °C (-22 °F to 140 °F) Caddy without heating: -10 °C to +60 °C (14 °F to 140 °F)	Caddy with heating: -30 °C to +60 °C (-22 °F to 140 °F) Caddy without heating: -10 °C to +60 °C (14 °F to 140 °F)	Caddy with heating: -30 °C to +60 °C (-22 °F to 140 °F) Caddy without heating: -10 °C to +60 °C (14 °F to 140 °F)	Caddy with heating: -30 °C to +60 °C (-22 °F to 140 °F) Caddy without heating: -10 °C to +60 °C (14 °F to 140 °F)



BODY WORN CAMERA



MODEL	DS-MCW405/32G/GPS/WIFI
RECORD RESOLUTION	1080p/25fps, 720p/25fps
ENCODING FORMAT	H.265/H.264
SATELLITE POSITIONING	GPS
FOV	Horizontal FOV: 117° Vertical FOV: 60° Diagonal FOV: 140°
GEO-TAGGING CAPABILITY	Yes
LOW LIGHT FUNCTIONALITY (NIGHT RECORDING)	IR light
IP LEVEL	IP67
BATTERY RUNTIME	10 hours @ 1080p recording 12 hours @ 720P recording
BATTERY CHARGE TIME FROM EMPTY TO FULL CHARGE	3.5 hours
INTERNAL DEVICE STORAGE	32G
TF CARD SLOT	No
PRE-RECORD/POST-RECORD	60s
ONE TOUCH RECORD (OR OTHER AUTOMATED RECORD ACTIVATION TRIGGERS) & ALWAYS-ON RECORDING CAPABILITY	Yes
CONFIGURABLE AUTOMATED RECORD TRIGGERS	Yes, need FW will support
G-SENSOR	No
RUGGEDIZED DESIGN	Yes
WORKING TEMPERATURE	-20 to 55 °C (-4 to 131 °F)
CERTIFICATIONS	CE/FCC
WEIGHT	120g
	Not 30MP

BWC DOCKING STATION W/ STORAGE



MODEL	DS-MDS003/2T/8 DS-MDS003-E
SUPPORTED BODY CAMERA MODEL	DS-MCW405
SCREEN SIZE	13.3 inch
RESOLUTION	1920 x 1080
TOUCHSCREEN	Capacitive touchscreen
DIMENSIONS	635 × 604.6 × 108.7 mm (25 × 23.8 × 4.3 inch)
QUANTITY OF CONNECTED BODY CAMERAS	8
SYSTEM INDICATOR	8 × status indicator
BUTTON	1 × power switch, 1 × reset button
MEMORY	2 GB
HDD	2T pre-installed, maximum 8T * 6 slots
OPERATION SYSTEM	Linux, Android
USB INTERFACE	USB 3.0, USB 2.0
RS232 INTERFACE	1
RJ45 ETHERNET INTERFACE	1

DASHCAM



MODEL	AE-DN2016-F3
CAMERA RESOLUTION	1080P(1920*1080)
VIEW ANGLE	135° (diagonal), 115° (horizontal)
RECORDING RESOLUTION	1080P@25fps, 720P@25fps (1080P default)
VIDEO COMPRESSION	H.264
PICTURE FORMAT	JPEG
OSD OVERLAY	Date, time
STORAGE	1 TF card, up to 128GB
COMMUNICATION MODULE	WIFI
SENSOR	Built-in G-sensor
USB PORT	1 USB2.0
AUDIO	Built-in MIC and speaker
WORKING TEMPERATURE/HUMIDITY	-10 to 60 °C (14 to 140 °F), Humidity 95% or less (non-condensing)
POWER SUPPLY	5VDC 2A, Max 2W
CERTIFICATIONS	CE/FCC
DIMENSION	44.5mm×44.5mm×52mm (1.75"×1.75"×2.47")
WEIGHT	Approx. 120g (0.265lb)



MICROPHONE



MODEL	DS-2FP2020	DS-2FP4021-B
TYPE	HiFi Microphone	Digital Noise Reduction Microphone
FREQUENCY RESPONSE	20Hz~20KHz	100Hz~16KHz
PICKUP RANGE/DIRECTION	70 m2 / 360°	60 m2 / 360°
SIGNAL: NOISE	60 dB	75dB
DYNAMIC RANGE	70 dB	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.)	12 VDC / 25mA	12 VDC / 45mA

STORAGE PRODUCTS



MODEL	DS-A81016S	DS-A82024D	DS-A80624S
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 (extendable to 32 GB)	4 to 32 GB
VIDEO INPUT/OUTPUT	IPSAN: 180-ch (2Mbps) Hybrid SAN: 320-ch (2Mbps)	IPSAN: 256-ch (2Mbps) CVR: 448-ch (2Mbps)	IPSAN: 180-ch (2Mbps) Hybrid SAN: 320-ch (2Mbps)
HDD SLOT	16	24	24
HDD INTERFACE	SATA/Up to 12 TB	SSD (optional), SAS/Up to 12 TB	SATA/Up to 12 TB
HOT-SWAP DISK	Supported	Supported	Supported
RAID LEVEL	RAID 0, 1, 3, 5, 6, 10, 50, 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
DATA PROTECTION	Real-time backup of system information	Real-time backup of system information	Real-time backup of system information, LUN clone
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	1, 1000M Ethernet interface	1×100M self-adaptive Ethernet interface	1, 1000Mbps Ethernet interface
POWER SUPPLY	Redundant	Redundant	Redundant
POWER CONSUMPTION	Working: ≤308 W (967 BTU with 16 HDDs)	Working Consumption: ≤ 507 (with HDD)	Working Consumption: ≤ 430 (with HDD)
	Rating Power Consumption: ≤550W	Rating Power Consumption: ≤800W	Rating Power Consumption: ≤800W
TEMPERATURE	Working: 5 to 40 °C (41 to 104 °F) Storing: -40 to 55 °C (-40 to 131 °F)	Working: 5 to 40 °C (41 to 104 °F) Storing: -40 to 55 °C (-40 to 131 °F)	Working: 5 to 40 °C (41 to 104 °F) Storing: -40 to 55 °C (-40 to 131 °F)
CHASSIS	3U	4U	4U


STORAGE EXPANSION



MODEL	DS-AJ7824D
CONTROLLER	Double
SAS INTERFACE (UPPER-LEVEL)	2(12Gbps)
SAS INTERFACE (LOWER-LEVEL)	1(12Gbps)
HDD INTERFACES	24
HDD INTERFACE TYPE	SAS
HOT SWAP HDD	Support
POWER	Redundant
APPLICABLE MODELS	DS-A82024D
POWER CONSUMPTION	≤ 550 W (with max. HDD)
WORKING TEMPERATURE	Working: 5 to 40 °C (41 to 104 °F) Storing: -40 to 55 °C (-40 to 131 °F)
CHASSIS	4U



MICROSD CARD

SERIES	Surveillance MicroSD
MODEL	 HS-TF-L2/64G/P HS-TF-L2/128G/P HS-TF-L2/256G/P
CAPACITY	64/128/256 GB
NAND FLASH	TLC (Triple-Level Cell)
FORM FACTOR	MicroSDHC
READ SPEED	95MB/s
WRITE SPEED	40/50/55 MB/s
OPERATING TEMPERATURE	0 °C to 70 °C (32 °F to 158 °F)
WARRANTY (YEAR)	2
SURVEILLANCE WARRANTY	Yes
PRODUCT HIGHLIGHT	High Cost Performance High Compatibility Ultra-Strong Adaptability

ACCESSORIES

KEYBOARD

					
MODEL	DS-1005KI	DS-1006KI	DS-1600KI	DS-1200KI	DS-1100KI
RS-485	No	Yes	No	Yes	Yes
USB	Yes	Yes	Yes	Yes	Yes
INTERFACE PORT	USB 2.0	RS-232, RS-422, RS-485, USB 2.0	Network,Wifi,USB 2.0*2	Network, RS-232, RS-422, RS-485,USB 2.0	Network, RS-232, RS-485,USB 2.0
CONTROL	Serial	Serial	Network,Wifi	Serial/Network	Network
AUDIO	N/A	N/A	1-ch Two-way Audio Input 1-ch Audio Output	N/A	1-ch Line In 1-ch Audio Out
DECODING	N/A	N/A	Local live view at 1080P/720P/HD1/BCIF/CIF/ QCIF resolution, and up to 16-division window display	N/A	1-ch @ 1080p
LCD SCREEN	N/A	128×64 pixel	10.1" TFT LCD Touch Screen 1024×600 pixel	128×64 pixel	7" TFT LCD touch Screen 800×480 pixel
JOYSTICK	3-Axis	4-Axis	4-Axis	4-Axis	4-Axis
RESOLUTION	N/A	N/A	N/A	N/A	1920×1080
NETWORK	N/A	N/A	10M/100M/1000M Adaptive Ethernet port	10 M/100 Mbps self-adaptive Ethernet interface	10M/100M/1000M Ethernet interface
POWER REQUIREMENTS	5 VDC via USB (≤5 W)	12 VDC (≤4.5W)	12 VDC /POE(≤15 W)	12 VDC(≤ 4.5 W)	12 VDC(≤ 15 W)



DVD-RW



MODEL	HIK-DVDRW
INTERFACE	DVD-RW option for NVR and DVR

HD-TVI MONITOR



MODEL	DS-TT-X41T
DESCRIPTION	Multifunction Video Tester, test a variety of video signals, including TurboHD, HDMI, CVBS, and VGA.
TYPE	Surveillance Grade Hard Drives
INTERFACE	SATA
CLASSIFICATION	Audio/Video
OPERATION	24/7 continuous

HD-TVI CONVERTER



MODEL	DS-1H33
DESCRIPTION	Converter from HD-TVI video signal to HDMI signal
TYPE	Enterprise Grade Hard Drives

BALUN

















MODEL	DS-1H18
DESCRIPTION	Unshielded twisted pair (UTP) Baluns















MODEL	SURVEILLANCE GRADE HARD DRIVES	ENTERPRISE GRADE HARD DRIVES
INTERFACE	SATA	
CLASSIFICATION	Audio / Video	
OPERATION	24/7 Continuous	
1TB	HK-HDD1T	HK-HDD1T-E
2TB	HK-HDD2T	HK-HDD2T-E
4TB	HK-HDD4T	HK-HDD4T-E
6TB	HK-HDD6T	HK-HDD6T-E
8TB	HK-HDD8T	HK-HDD8T-E
10TB	HK-HDD10T	HK-HDD10T-E
12TB	HK-HDD12T	HK-HDD12T-E

PTZ BRACKETS

														
BRACKET	PMP	JBPW-L	CMP-JB	PMP-JB	PMPL	CMPL	CPM-S	CPM-L	CPMPE	PMP-V	RPM	JBPW-L-G	CMP-JB-G	PMP-JB-G
DESCRIPTION	Pole Mount Adapter WMP-S and WMP-L	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, extension pipe 1.5" diameter	Vertical Pole Mount for CPM-S/L	Roof Parapet Mount	PTZ Junction box with wall bracket (gray)	Corner Mount for JBPW-L-G (gray)	Pole Mount for JBPW-L-G (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


												
BRACKET	RPM-G	WBPTS	WBPT	CPM-S-G	CPM-L-G	CPMPE-G	PMP-V-G	WMP-SS	CPM-SS	WMS-SS	JBM-SS	WB-XC
DESCRIPTION	Roof Parapet Mount (gray)	Wall Mount for DS-2DY9xxx Series Upright PTZs	Wall Mount for DS-2DY-5223IW-AE Upright PTZ	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)	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

STAINLESS STEEL BRACKETS







CAMERA BRACKETS

												
BRACKET	PC110	PC110T	PC120	PC130	PC130T	PC135	PC135H	PC140	PC140PT	PC155	PC160	PC165
DESCRIPTION	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	140 mm Pendant Cap	140 mm Pendant Cap for DS-2DE3304W-DE	155 mm Pendant Cap	160 mm Pendant Cap	165mm Pendant Cap
	Compatible with WMS and WML	Compatible with WMS and WML	Compatible with WMS and WML	Compatible with WMS and WML	Compatible with WMS and WML	Compatible with WMS and WML	Compatible with WMS and WML	Compatible with WMS and WML	Compatible with WMS and WML	Compatible with WML	Compatible with WML	Compatible with WML
FOOTNOTE	*Pendant caps are 1.0" thread and come with 1.5" and .75" adaptors											

CAMERA BRACKETS

			
BRACKET	PC210	PC-DE4A	PC-FE
DESCRIPTION	210mm Pendant Cap for DS-2D6986F-H	Pendant Cap for DE4A Series PTZs	Pendant Cap for fisheye
	Compatible with WML	Compatible with WML	Compatible with WML
FOOTNOTE	*Pendant caps are 1.0" thread and come with 1.5" and .75" adaptors		

CAMERA HOUSING

						
BRACKET	CHB	CHB-HB	WBS	WBL	PP1	PP2
DESCRIPTION	Camera Housing with Bracket	CHB-HB (Camera Housing w Bracket, Heater, Blower)	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

BOX CAMERA BRACKETS



CAMERA BRACKETS

BRACKET	CBXS / CBXSB	CBS / CBSB	CBM / CBMB	CBD-MINI	CBT-1	CB110	CB-130	CB-130T	CB135	CB155	CB140PT	CB165	CB-DE4A	CB-FE
DESCRIPTION	Conduit Base	Conduit Base	Conduit Base	Conduit Base	Conduit Base	Conduit Base	Conduit Base	Conduit Base	Conduit Base	Conduit Base	Conduit Base for DS-2DE3304W-DE	Conduit Base	Conduit Box for DE4A Series PTZs	Conduit base for Fisheye

CAMERA BRACKETS

BRACKET	AB110 / AB110B	AB135 / AB135B	AB165	AB-FE	AB-FE2	AB-FE45	ABS	ABM	CM6810	RCM-1	RCM-2	RCM-3
DESCRIPTION	15° Angled Base	15° Angled Base	15° Angled Base	15° Angled Base for Fisheye	15° Angled Base for Fisheye	45° Angled Base for Fisheye	15° Angled Base	15° Angled Base	Ceiling mount	Recessed ceiling mount	Recessed ceiling mount	Recessed ceiling mount

CAMERA BRACKETS

BRACKET	RCM-4	RCM-5	RCM-DE4A	WM-C	WM110	WM6810	GP100
DESCRIPTION	Recessed ceiling mount for DS-2DE3304W-DE	Recessed ceiling mount	Recessed Ceiling Mount for DE4A Series PTZs	Wall Mount Compact	Plastic Wall Mount	Wall Mount for iDS-2CD-6810F/C	Single Gang Plate

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