



FOCUS ON YOUR SUCCESS



**“At Hikvision, solutions beyond security are focused on your success for projects of all sizes, to meet a wide range of application needs.”**



# 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. 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



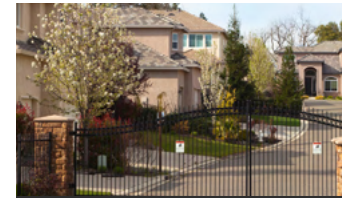
Hikvision has released its improved 2nd Gen AcuSense PCI Series Cameras. Offering enhanced hardware and mounting, the PCI series is easier to install, is waterproof, and features new Motion Detection that works in conjunction with human and vehicle filtering.

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.

## FEATURES

- Strobe Light and Customizable Audio Warning to Monitor and Deter In Real Time: This 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)
- Ultra-low Light "Powered by DarkFighter" Technology Delivers Brighter Colors and Clear Detail at Night
- Camera-Accessible Cloud Options enable Cloud Video Storage, providing Greater Flexibility and Low Operating Costs
- 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 will receive more accurate alarm data to evaluate, enabling more efficient incident response and reducing time spent responding 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.

## APPLICATIONS



Residential/Gated Communities



Parking Lots



Retail Stores/QSR



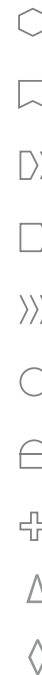
Office Building, Warehouses  
and Factories



Education



# ColorVu Cameras



Hikvision ColorVu G2 cameras deliver the crisp, full color images and video around the clock you expect with ColorVu technology. Plus, the 2nd generation models are equipped with AcuSense features to provide full color 24/7 paired with more accurate detection of humans and vehicles to reduce false alarms.

ColorVu technology showcases images in full color without the need for additional configuration or added devices, even in total darkness. Its larger image sensor and low lux capacity capture brilliant details and clarity that boost safety by illuminating poorly-lit areas where crime or theft could occur. ColorVu G2 cameras are simple to deploy and offer distinctive, detailed images that surpass expectations.

## APPLICATIONS

## FEATURES

- ColorVu Generation 2 (G2) camera models feature an enhanced ColorVu algorithm for full color images in darkness.
- G2 ColorVu cameras are equipped with our 2nd Generation AcuSense algorithm for precise human and vehicle filtering that reduces false alarms up to 90 percent, improving productivity and alarm handling efficiency.
- G2 models use false alarm filtering to sort out non-human and vehicle events, making it easier and more cost-efficient to find specific targets when searching video footage.
- Improved safety for employees and customers walking in poorly lit areas at all times of day and night.
- Illuminate darkened walkways within cities, buildings, or on campuses.
- Around the clock, it reduces risk and enhances details when reviewing footage after an incident.



Residential/Gated Communities



Parking Lots



Small Businesses



Parks and Recreation Areas



# Solar Powered Security Camera System



We've released the latest generation of Hikvision's popular Solar Camera Kit with a new ColorVu camera model and additional features such as a built-in heater and battery pack that enhance functionality in the field. The kit includes all the components needed to provide site security in remote or temporary locations that do not have access to a network or power, such as construction sites, outdoor venues, special event locations, residential and commercial applications, vineyards and more. The ColorVu surveillance camera provides enhanced images and video in full color, even at night.

## BENEFITS

- Standalone wireless installation provides the flexibility to safeguard your home or geographically challenging remote areas or temporary sites
- All-inclusive lightweight kit for mobility and sturdy weatherproof design to withstand heavy rains and weather
- Environmentally sustainable, powered by the sun for daytime and nighttime operation
- ColorVu cameras provide unmatched surveillance where incidents or accidents occur by illuminating poorly lit areas and providing 24/7 color imaging, reducing risk and improving safety

## APPLICATIONS



Construction Sites



Outdoor Special Events/  
Large Venues



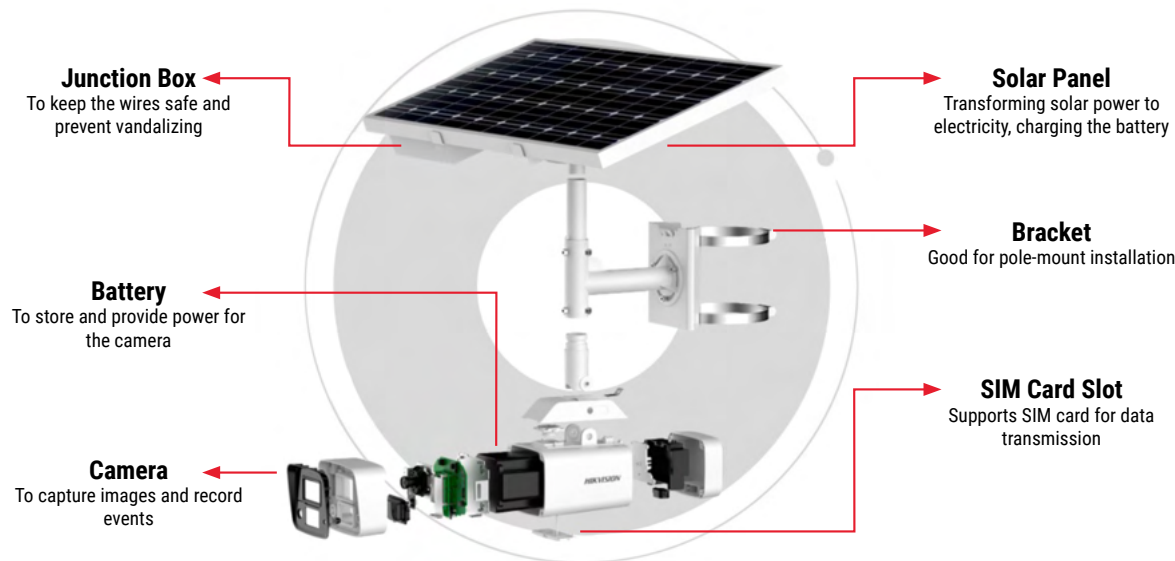
Rural Residential



Parks and Sports Fields



Farm / Ranch





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Standalone Terminal / Fingerprint Terminal / Video Terminal / Time Attendance Terminal / Mifare Card Reader / Fingerprint Card Reader / Proximity Card Reader / Mifare Card and Key Fob / Card and Fingerprint Enrollment / Proximity Card and Key Fob / Terminal Securing Unit / Lock / Network Access Controller / Walk Through Detector

## **60 / MOBILE SOLUTION**

Mobile Camera / Mobile Recorder / Body Worn Camera / Dashcam

## **64 / MISCELLANEOUS**

Microphone / Storage / Micro SD Card / Keyboard / Camera Bracket



# HikCentral Professional VMS

HikCentral Professional 2.1, 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.

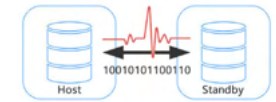
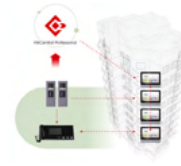
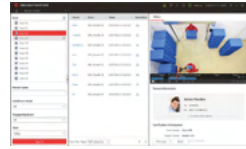


## FEATURES

- Active Directory Integration with LDAP
- Powerful Video Search and Playback
- Highly Accurate Thermographic
- 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



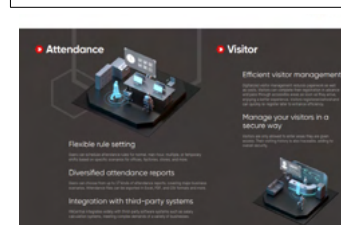
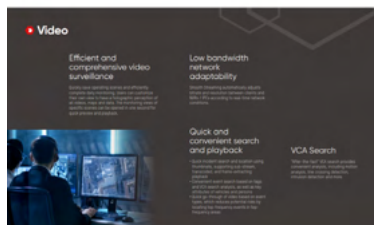
# HIKCENTRAL V 2.1



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 x2, 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 x2, 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 door stations + 10 indoor stations	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	Description 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.  Purchase Options (USBKEY1): 1 Year Warranty (USBKEY1): 3 Year Warranty
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"> <li>HikCentral-DockStation-1Station</li> <li>HikCentral-SmartWall-Base</li> <li>HikCentral-BI Report-Base</li> <li>All Bases and their compatible licenses</li> </ul>	<ul style="list-style-type: none"> <li>HikCentral-Attendance-Base</li> <li>HikCentral-P-Visitor-Module</li> <li>All bases and their compatible licenses</li> </ul>	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 individual license key.
HikCentral-ACS-1Door	Add one door/access point/Intercom door station to ACS base. Orders of multiple door licenses are provided as one individual license key.
HikCentral VideoIntercom-1Indoorstation	Add one indoor station to video intercom base license. Orders of multiple intercom licenses are provided as one individual license key.
HikCentral-RSM-1Site	Add one HikCentral site to RSM base. Orders of multiple site licenses are provided as one individual license key.

ADD-ON MODULES	DESCRIPTION
HikCentral-P-SmartWall-Module	VSS add-on smart wall module for integrated video wall management using Hikvision decoders or video wall controllers or built-in graphics cards in the server.
HikCentral-ANPR-1Ch	VSS add-on business intelligence module for license plate management
HikCentral-P-BI Report-Module	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-Visitor-Module	ACS add-on attendance module enables visitor management feature such as visitor registration, Access permission assignment, 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.
HikCentral-P-IPSpeaker-1Unit	Add one IP Speaker to enable the functionality of doing message broadcast and pre recorded audio notifications



# 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, 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 V3.5.0.8_E for Windows	
Data-base	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
	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
	Access Control	Download	16-ch downloading tasks at a time
		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	

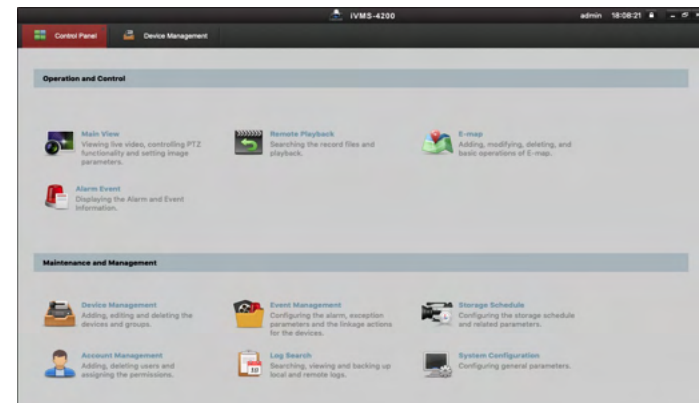
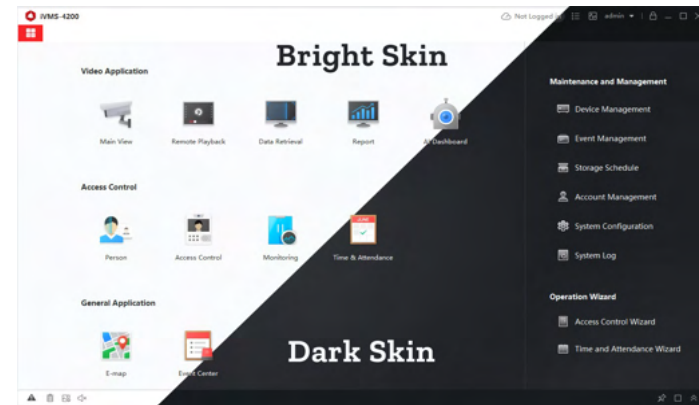
## SYSTEM RECOMMENDATIONS

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	





# 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

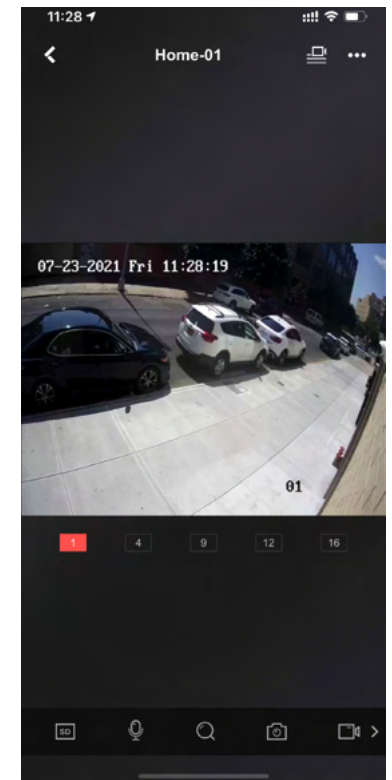
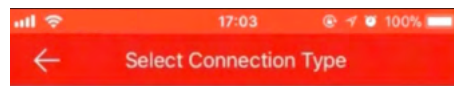


# Hikvision Views Mobile App

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 VMS, 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



Construction Sites



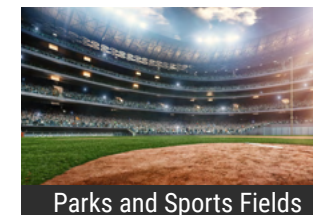
Outdoor Special Events/  
Large Venues



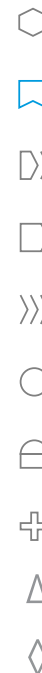
Farm / Ranch









Rural Residential



Parks and Sports Fields



	<b>NETWORK CAMERA</b>	<b>NETWORK CAMERA</b>	<b>NETWORK CAMERA</b>	<b>NETWORK CAMERA</b>	<b>NETWORK CAMERA</b>
					
<b>MODEL</b>	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
<b>FORM FACTOR</b>	Fisheye	Fisheye with Immersion Lens	Fisheye Indoor Recessed Mount	Corner-Mounted Vandal Resistant	Covert (Base & Lens)
<b>MEGAPIXELS</b>	6/12 MP	12 MP	6/12 MP	4 MP	2 MP
<b>SENSOR SIZE (PROGRESSIVE SCAN)</b>	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
<b>MIN. ILLUMINATION (LUX)</b>	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
<b>LENS (FOV H X V)</b>	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°
<b>DAY/NIGHT, BLC, WDR</b>	6 MP: True, Yes, Digital 12 MP: True, Yes, Digital	True, Yes, Digital	True, Yes, Digital	True, Yes, Digital	True, Yes, 120 dB
<b>IR RANGE MAX (METERS)</b>	15	15	-	Up to 10 m IR range, 1 LED	-
<b>VIDEO COMPRESSION</b>	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
<b>MAX. IMAGE RESOLUTION (PIXELS)AND FRAME RATE</b>	6 MP (3072x2048) 12 MP (4000x3000)	12 MP (4000x3000)	6 MP (3072x2048) 12 MP (4000x3000)	4 MP (2400x1800), 30	2 MP (1920x1080), 30
<b>AUDIO INPUT/OUTPUT</b>	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
<b>ALARM INPUT/OUTPUT</b>	1/1	1/1	1/1	1/1	1/1
<b>RATINGS</b>		-V model: IP67, IK10	-	IP67, IK10+(50J), NEMA 4X, UL/ cUL Listed	UL/cUL Listed
<b>OPERATING TEMPERATURE RANGE</b>	-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)
<b>POWER REQUIREMENTS (MAX.)</b>	12 VDC, 0.9 A, max. 11 W PoE (802.3af, 36 to 57 V), 0.3 A to	12 VDC, 0.9 A, max. 11 W PoE (802.3af, 36 to 57 V), 0.3 A to	12 VDC, 0.5 A, max. 6 W PoE (802.3af, 36 to 57 V), 0.3 A to	12 VDC, PoE (802.3af), 12 W	12 VDC/PoE (802.3af), 3.5 W
<b>BRACKETS</b>	CB-FE, AB-FE, PC-FE			corner mount bracket included	Included

	<b>SOLAR CAMERA</b>
	
<b>MODEL</b>	DS-2XS2T47G0-LDH/4G/C18S40
<b>FORM FACTOR</b>	Outdoor
<b>MEGAPIXELS</b>	4 MP
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</b>	1/1.8"
<b>MIN. ILLUMINATION (LUX)</b>	Color: 0.0005 lux @ f/1.0 B/W: 0 with IR
<b>LENS</b>	4 mm @ f/1.0
<b>FOV (H X V)</b>	H 95°, V 51°
<b>DAY/NIGHT, BLC, WDR</b>	True, Yes, 120 dB
<b>SUPPLEMENT LIGHT TYPE</b>	White light
<b>SUPPLEMENT LIGHT RANGE</b>	"Performance mode: up to 98 ft (30 m) Proactive mode: up to 33 ft (10 m)"
<b>VIDEO COMPRESSION</b>	H.265+/H.265/H.264+/H.264/MJPEG
<b>MAX. IMAGE RESOLUTION (PIXELS)</b>	4 MP (2688 x 1520) 15 fps
<b>PIR ANGLE</b>	Horizontal: 100°, vertical: 80°
<b>PIR RANGE</b>	Up to 49 ft 2 in (15 m)
<b>MOTION DETECTION</b>	YES
<b>LOCAL STORAGE</b>	microSD card up to 256 GB Built-in 64 GB eMMC storage (50 GB available for recording)
<b>OPERATING TEMPERATURE RANGE</b>	-20° to 50° C (-4° to 122° F)
<b>SOLAR PANEL</b>	40 W
<b>BATTERY</b>	180 Wh
<b>CYCLE LIFETIME</b>	Performance mode: 2.5 day; Proactive mode: 4.5 day; Standby mode: 24 days



MULTI-SENSOR PANOVU CAMERAS



<b>MODEL</b>	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-2DP3236ZIXS-D/440/T2
<b>FORM FACTOR</b>	Outdoor	Outdoor	Outdoor	Indoor - Recessed Mount	Outdoor	Outdoor	Outdoor	Outdoor	Indoor	Outdoor	Outdoor
<b>MEGAPIXELS</b>	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)	32 MP (8x4 MP)
<b>MIN. ILLUMINATION (LUX)</b>	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
<b>LENS</b>	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
<b>HORIZONTAL ANGLE OF VIEW</b>	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	360°
<b>PAN/TILT/ROTATION</b>	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°/-
<b>DAY/NIGHT, BLC, WDR</b>	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
<b>IR RANGE MAX. (METERS)</b>	30	30	30	-	30	30	20	20	10	Fixed: 30 PTZ: 50	250
<b>VIDEO COMPRESSION</b>	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
<b>MAXIMUM IMAGE RESOLUTION (PIXELS)</b>	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 x 2 PTZ: 2560 x 1440
<b>MOTION DETECTION</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>AUDIO INPUT/OUTPUT</b>	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
<b>ALARM INPUT/OUTPUT</b>	1/1	1/1	2/2	2/2	2/2	2/2	2/2	2/2	-	1/1	7/2
<b>LOCAL STORAGE</b>	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)
<b>RATINGS</b>	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
<b>OPERATING TEMPERATURE RANGE</b>	-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 60 °C (-40 to 140 °F)
<b>POWER REQUIREMENTS (MAX.)</b>	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. 150 W - PSU included
<b>BRACKETS</b>	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

## STAINLESS STEEL NETWORK CAMERA

			DarkFighter. 	DarkFighter. 	DarkFighter. 
<b>MODEL</b>	DS-2XC6122FWD-IS	DS-2XC6142FWD-IS	DS-2CD6626DS-IZHS	DS-2XE6825G0-IZHS	DS-2XE6885G0-IZHS
<b>FORM FACTOR</b>	Anti-corrosion Dome	Anti-corrosion Dome	Anti-corrosion Dome	Explosion Proof Bullet	Explosion Proof Bullet
<b>MEGAPIXELS</b>	2 MP	4.0	2 MP	2 MP	8 MP
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</b>	1/2.7"	1/3"	1/1.8"	1/2.8"	1/2.0"
<b>MIN. ILLUMINATION (LUX)</b>	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
<b>LENS</b>	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
<b>FOV (H X V)</b>	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°
<b>PAN/TILT/ROTATION</b>	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°	-	-
<b>DAY/NIGHT, BLC, WDR</b>	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB
<b>IR RANGE MAX (METERS)</b>	10	10	30	100	100
<b>VIDEO COMPRESSION</b>	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
<b>MAX. IMAGE RESOLUTION (PIXELS)</b>	1920×1080	2560×1440	1920×1080	1920×1080	3840×2160
<b>FRAME RATE (FPS)</b>	2.8mm: 24 @ 1920×1080,1280×960,1280×720 4mm,6mm: 30 @ 1920×1080,1280×960,1280×720	24 @ 2560×1440, 1920×1080, 1280×720, 528×384	30 @ 1920×1080, 1.3 MP (1280×960), 1280×720 60 @ 1920×1080, 1.3 MP (1280×960) 1280×720 with WDR off	60 @ 1920×1080, 1280×720	30 @ 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720
<b>MULTI-STREAMING</b>	Triple	Triple	Triple	5	5
<b>SMART FEATURES</b>	Full Smart Suite1	Full Smart Suite1	Full Smart Suite1	Full Smart Suite1	Full Smart Suite1
<b>IMAGE ENHANCEMENT</b>	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
<b>MOTION DETECTION</b>	Yes	Yes	Yes	Yes	Yes
<b>AUDIO INPUT/OUTPUT</b>	-	-	IN: 1 line/mic OUT: 1 line	IN: 1 line/mic OUT: 1 line	IN: 1 line/mic OUT: 1 line
<b>ALARM INPUT/OUTPUT</b>	1/1	1/1	1/1	1/1	1/1
<b>LOCAL STORAGE</b>	MicroSD 128 GB max.	MicroSD 128 GB max.	MicroSD 128 GB max.	MicroSD 256 GB max.	MicroSD 256 GB max.
<b>MATERIAL/RATINGS</b>	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
<b>EXPLOSION PROOF CERTIFICATION</b>				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
<b>OPERATING TEMPERATURE RANGE</b>	-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)
<b>POWER REQUIREMENTS (MAX.)</b>	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
<b>BRACKETS</b>	JBM-SS, WB-XC	JBM-SS, WB-XC	JBM-SS, WB-SS	DS-1707ZJ-Y-AC	DS-1707ZJ-Y-AC

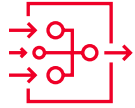
# NETWORK PTZ CAMERA

	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. Built-in Radar
<b>MODEL</b>	DS-2DF5232X-AE3	DS-2DF5232X-AEL	DS-2DF6A436X-AEL	DS-2DF6A836X-AEL	DS-2DF8242IXS-AELW	DS-2DF8442IXS-AELW	DS-2DF8C842IXS-AELW	DS-2DF9C245IHS-DLW	iDS-2SR8141IXS-AB
<b>FORM FACTOR</b>	Indoor PTZ	Outdoor PTZ	Outdoor PTZ	Outdoor PTZ	Outdoor PTZ	Outdoor PTZ	Outdoor PTZ	Outdoor PTZ	Outdoor PTZ
<b>MEGAPIXELS</b>	2 MP	2 MP	4 MP	8 MP	2 MP	4 MP	8 MP	2 MP	4 MP
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</b>	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"
<b>MIN. ILLUMINATION (LUX)</b>	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
<b>LENS (FOV H X V)</b>	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
<b>OPTICAL ZOOM</b>	32x	32x	36x	36x	42x	42x	42x	45x	40x
<b>PAN RANGE</b>	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless
<b>TILT RANGE</b>	-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)
<b>PAN &amp; TILT SPEED (MANUAL)</b>	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.
<b>PAN &amp; TILT SPEED (PRESET)</b>	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.
<b>DAY/NIGHT,BLC,WDR,EIS</b>	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
<b>IR RANGE MAX (METERS)</b>	-	-	-	-	400	500	500	500	200
<b>VIDEO COMPRESSION</b>	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
<b>MAX. IMAGE RESOLUTION (PIXELS)AND FRAME RATE</b>	2 MP (1920x1080), 30	2 MP (1920x1080), 30	4 MP (2560x1440), 30	8 MP (3840x2160), 30	2 MP (1920x1080), 60	4 MP (2560x1440), 60	8 MP (4096x2160), 30	2 MP (1920x1080), 60	4 MP (2560x1440), 30
<b>RATINGS</b>	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
<b>OPERATING TEMPERATURE RANGE</b>	-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)
<b>POWER REQUIREMENTS (MAX.)</b>	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)
<b>BRACKETS</b>	Ceiling Recess/Flush Mount Included	RPM WMP-L, WMP-PV : PMP, CMP JBPW-L : CMP-JB, PMP-JB CPM-S, CPM-L : CPMPE	RPM-G JBPW-L-G : CMP-JB-G, PMP-JB-G CPM-S-G, CPM-L-G : CPMPE-G	RPM-G JBPW-L-G : CMP-JB-G, PMP-JB-G CPM-S-G, CPM-L-G : CPMPE-G	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	RPM WMP-L, WMP-PV : PMP, CMP JBPW-L : CMP-JB, PMP-JB CPM-S, CPM-L : CPMPE	WMP-L, CMP, PMP, JBPW-L	RPM-G JBPW-L-G : CMP-JB-G, PMP-JB-G CPM-S-G, CPM-L-G : CPMPE-G





# Why DeepinView Cameras?



## 6-in-1 Switchable Algorithms

Powerful 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 DEEPIVIEW AI SERIES

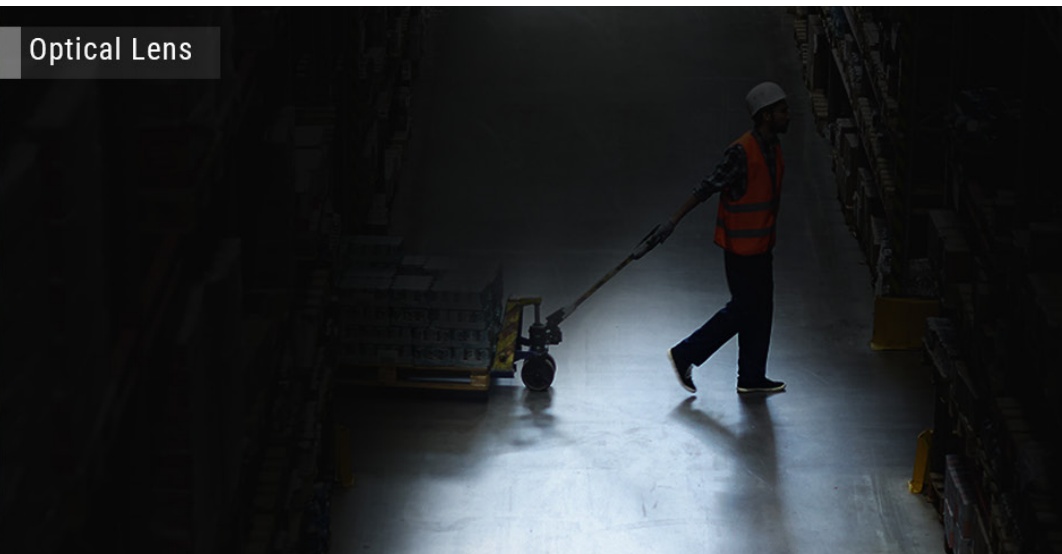
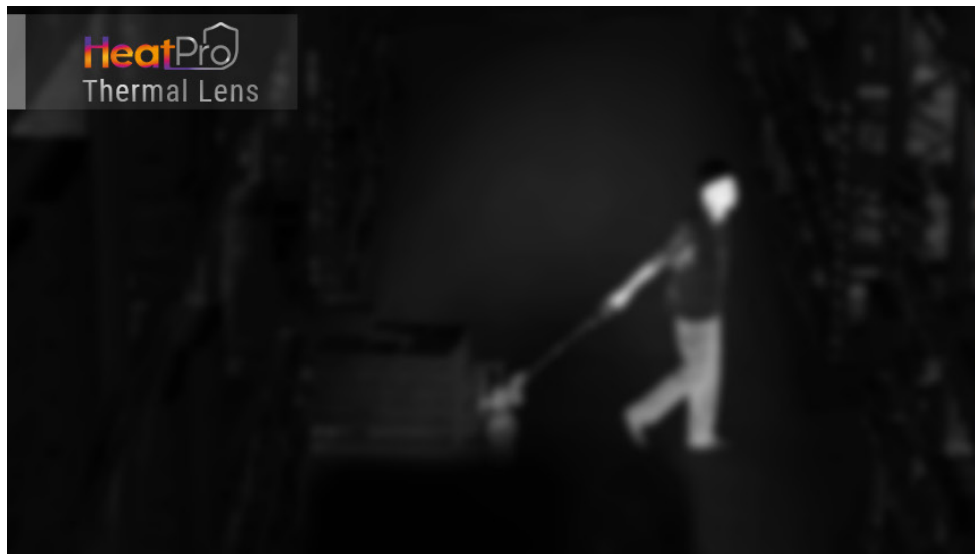
	DarkFighter. LightFighter. DeepinView EXIR 2.0	DarkFighter. LightFighter. DeepinView EXIR 2.0	DarkFighter. LightFighter. DeepinView EXIR 2.0	DarkFighter. LightFighter. DeepinView EXIR 2.0
<b>MODELS</b>	iDS-2CD7046G0-AP 2.8-12mm (4MP)	iDS-2CD7146G0-IZS 2.8-12mm (4MP) iDS-2CD7146G0-IZS 8-32mm (4MP) iDS-2CD71C5G0-IZS 2.8-12mm (12MP)	iDS-2CD7546G0-IZHSY 8-32mm (4MP) iDS-2CD7546G0-IZHSY 2.8-12mm (4MP) iDS-2CD75C5G0-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)
<b>Form Factor</b>	Box Camera (Lens not included)	Indoor Dome Camera	Outdoor Dome Camera	Outdoor Bullet Camera
<b>MEGAPIXELS</b>	4MP	4MP/12MP	4MP/12MP	4MP/12MP
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</b>	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"
<b>MIN ILLUMINATION (LUX)</b>	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;	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	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;
<b>LENS (FOV H x V)</b>	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°;	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°;	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°, V FOV: 23.3° to 8.64°;
<b>DAY/NIGHT, BLC, WDR</b>	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
<b>IR RANGE MAX (METERS)</b>	-	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)
<b>VIDEO COMPRESSION</b>	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			
<b>MAX IMAGE RESOLUTION (PIXELS) &amp; FRAME RATE</b>	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
<b>AUDIO INPUT/OUTPUT</b>	1 line in, 1 line out	1 line in, 1 line out	1 line in, 1 line out	1 line in, 1 line out
<b>ALARM INPUT/OUTPUT</b>	2 inputs, 2 outputs	1 input, 1 output	1 input, 1 output	2 inputs, 2 outputs
<b>INTELLIGENT FUNCTIONS (DEEP LEARNING ALGORITHM)</b>	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
<b>RATINGS</b>	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)
<b>OPERATING TEMPERATURE RANGE</b>	-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)
<b>POWER REQUIREMENTS (MAX)</b>	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), max12 W	With extra load: 12 VDC, max13.9 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
<b>BRACKETS</b>	WBS,PP2, CBH, CHB-HBW, CHB-HB	WML,PC130, CPM, CPME, CM,PM, RCM-1,AB135	DS-1473ZJ-155-Y,DS-1471ZJ-155-Y,DS-1475ZJ-Y,DS-1476ZJ-Y	DS-1476ZJ-Y,DS-1475ZJ-Y
<b>STANDARDS</b>	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.			

## NETWORK CAMERA SMART SERIES- DEEPIVIEW LPR AND COUNTING SERIES

	DEEPIVIEW LICENSE PLATE RECOGNITION	DEEPIVIEW PEOPLE COUNTING CAMERA DUAL LENS - DEEPIVIEW	DEEPIVIEW PEOPLE COUNTING CAMERA
<b>MODELS</b>	DS-2CD7A26G0/P-IZHS DS-2CD7A26G0/P-IZHS8	DS-2CD6825G0/C-IS DS-2CD6825G0/C-IVS	iDS-2CD6412FWD/C
<b>FORM FACTOR</b>	Outdoor Bullet	Specialty, Indoor, Outdoor	Specialty, Indoor
<b>MEGAPIXELS</b>	2 MP	2 MP	1.3 MP
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</b>	1/1.8"	1/2.7"	1/3"
<b>MIN. ILLUMINATION (LUX)</b>	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
<b>LENS (FOV H X V)</b>	-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
<b>DAY/NIGHT, BLC, WDR</b>	True, Yes, 140 dB	True, Yes, digital	Electronic, Yes, 120 dB
<b>IR RANGE MAX (METERS)</b>	-IZHS: 50m -IZHS8: 100 m	6m	-
<b>VIDEO COMPRESION</b>	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.264/MJPEG/MPEG4
<b>MAX. IMAGE RESOLUTION (PIXELS) AND FRAME RATE</b>	2 MP (1920x1080), 60	2 MP (1920x1080), 25	1.3 MP (1280x960)
<b>AUDIO INPUT/ OUTPUT</b>	-	IN: 1 line/mic OUT: 1 line	IN: 1 line/mic OUT: 1 line
<b>ALARM INPUT/ OUTPUT</b>	2/2	1/1	1/1
<b>RATINGS</b>	IP67, UL/cUL Listed	IP67, UL/cUL Listed	UL/cUL Listed
<b>OPERATING TEMPERATURE RANGE</b>	-40 to 60 °C (-40 to 140 °F)	-30 to 45 °C (-22 to 133 °F)	-30 to 60 °C (-22 to 140 °F)
<b>POWER REQUIREMENTS (MAX.)</b>	12 VDC, PoE+ (802.3at), 16.5 W	12 VDC, 8 W	12 VDC, 7.5 W
<b>BRACKETS</b>	PM1/CM1/PM-LPR	-	-



# 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

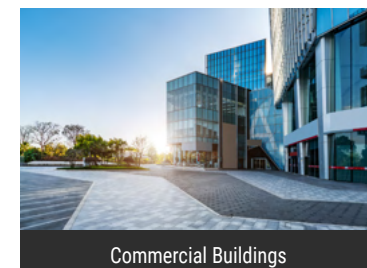
## APPLICATIONS



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, Low Res			NETWORK CAMERA Bi-Spectrum, Medium Res				NETWORK CAMERA Bi-Spectrum, Mid Res		NETWORK CAMERA Bi-Spectrum, High Res	
<b>MODEL</b>	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-2TD1217T-2/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	
<b>FORM FACTOR</b>	Outdoor Turret			Outdoor Bullet			Outdoor Turret			Outdoor Bullet				Accurate Temperature Bullet		Bi-Spectrum Bullet	
<b>THERMAL PIXELS, PITCH, SENSOR</b>	160x120, 17 µm, Vanadium Oxide UFPA			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	
<b>SPECTRAL RESPONSE, NETD</b>	8 to 14 µm, < 40 mk @ 25 °C			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	
<b>FRAME RATE @ RESOLUTION</b>	25 fps @ 320x240 (upscaled)			25 fps @ 320x240 (upscaled)			25 fps @ 320x240 (upscaled)			25 fps @ 384x288				25 fps @ 384x288		50fps @ 640 x 512	
<b>LENS FOCAL LENGTH</b>	1.8 mm	3.1 mm	6.2 mm	3.1 mm	6.2 mm	10mm	1.8 mm	9.7 mm	15 mm	25mm	35mm	15mm	15mm	35mm			
<b>FIELD OF VIEW (HXV)</b>	(90.0°x66.4°)	(50.0°x37.2°)	(25.0°x18.7°)	(50.0°x37.2°)	(25.0°x18.7°)	(15.96° x 12°)	(90.0°x66.4°)	(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°			
<b>IFOV (MRAD), MIN. FOCUS DISTANCE</b>	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	9.44, 0.1 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			
<b>OPTICAL SENSOR</b>	4 MP, 1/2.7" CMOS			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	
<b>FRAME RATE @ RESOLUTION</b>	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)				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)	
<b>MIN. ILLUMINATION (LUX)</b>	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			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	
<b>LENS, FIELD OF VIEW (HXV)</b>	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°)	2.1 mm (119.34° x 93.3°)	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°)			
<b>IR RANGE MAX (METERS)</b>	15			40			15			40 50 100				40m		40m 40m	
<b>TEMPERATURE MEASUREMENT ACCURACY</b>	Max(±8°C, ±2%)			Max(±8°C, ±2%)			Max(±2°C, ±2%)			Max(±2°C, ±2%)				Max(±8°C, ±2%)		Max(±8°C, ±2%)	
<b>TEMPERATURE MEASUREMENT RANGE</b>	-20~150°C (-4°F to 302°F)			-20~150°C (-4°F to 302°F)			-20~550°C (-4°F to 1022°F)			-20~150°C (-4°F to 302°F)				-20~550°C (-4°F to 1022°F)		-20~150°C (-4°F to 302°F)	
<b>VIDEO COMPRESSION</b>	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/MJPEG				H.265/H.264/MJPEG		H.265/H.264/MJPEG	
<b>IMAGE ENHANCEMENT</b>	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, 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	
<b>ALARM ON TEMPERATURE</b>	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			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	
<b>ALARM I/O, AUDIO I/O</b>	1/1, 1/1			2/2, 1/1			1/1, 1/1			2/2, 1/1				2/2, 1/1		1/1, 1/1	
<b>RATINGS</b>	IP66, UL/cUL Listed			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	
<b>OPERATING TEMPERATURE RANGE</b>	-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 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)	
<b>POWER REQUIREMENTS (MAX.)</b>	12 VDC, PoE (802.3af), 6.5 W			12 VDC, PoE (802.3af), 8 W			12 VDC, PoE (802.3af), 6.5 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)	
<b>BRACKETS</b>	CPM+PC140,WML+PC140,PM,CM,CB135			PM,CM,CB130			CPM+PC140,WML+PC140,PM,CM,CB135			PM,CM,CB130				CB130, PM1, CM		PM,CM,CB130	

**THERMAL CAMERAS**


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



## THERMAL PTZ CAMERA

	Bi-Spectrum, Mid Res	Bi-Spectrum, HighRes	Bi-Spectrum, HighRes	Bi-Spectrum, HighRes	Bi-Spectrum, Med Res
					
<b>MODEL</b>	DS-2TD4137-25/W	DS-2TD4167-50/W	DS-2TD6267-75C4L/W	DS-2TD8167-190ZE2F/W	DS-2TD4237-10/V2 DS-2TD4237-25/V2
<b>FORM FACTOR</b>	Outdoor PTZ Dome	Outdoor PTZ Dome	Outdoor Upright PTZ	Outdoor Upright PTZ	Outdoor PTZ Dome
<b>THERMAL PIXELS, PITCH, SENSOR</b>	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 × 288, 17 µm, Vanadium Oxide UFPA
<b>SPECTRAL RESPONSE, NETD</b>	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
<b>FRAME RATE @ RESOLUTION</b>	25 fps @384x288	25 fps @640x480	25 fps @640x512	25 fps @640x480	25fps @ 1280 x 720 (upscaled)
<b>LENS FOCAL LENGTH</b>	25mm	50mm	75mm	36 to 190mm	10 mm   25 mm
<b>FIELD OF VIEW (H°XV°)</b>	14.9° × 11.2°	12.4° × 9.9°	8.3° × 6.64°	17.19° × 13.79° to 3.46° × 2.77°	37.7° × 28.7°   14.88° × 11.19°
<b>IFOV (MRAD), MIN. FOCUS DISTANCE</b>	0.68, 13m	0.34, 50m	0.23, 8m	0.47 to 0.09, 3m	1.70, 1.2 m   0.68, 13m
<b>OPTICAL SENSOR</b>	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
<b>FRAME RATE @ RESOLUTION</b>	50Hz:25 fps (2688 × 1520, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz:30 fps (2688 × 1520, 1920 × 1080, 1280 × 960, 1280 × 720)	50Hz:25 fps (2688 × 1520, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz:30 fps (2688 × 1520, 1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)	30 fps @ 1920x1080, 1.3 MP (1280x960), 1280x720
<b>MIN. ILLUMINATION (LUX) WITHOUT IR</b>	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
<b>LENS, FIELD OF VIEW (HXV)</b>	6-240 mm (56.6° × 33.7° to 1.8° × 1.0°)	6-240 mm (56.6° × 33.7° to 1.8° × 1.0°)	6-336mm (0.92° × 0.52° to 48.26° × 28.43°)	12.5 to 775 mm (32.13° × 18.4° to 0.53° × 0.3°)	4.8-153mm ( 58.4° × 2.14°)
<b>IR RANGE MAX (METERS)</b>	200m	200m	800m	N/A	100
<b>TOTAL ZOOM</b>	40x	40x	56x	62x	32x
<b>PAN, TILT RANGE</b>	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°
<b>MAX. PRESETS, TOURS, PATTERNS</b>	300 presets; 8 patrols; Up to 32 Presets Per Patrol; 4 patterns; More Than 10 Minutes Per Pattern;	300 presets; 8 patrols; 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
<b>VIDEO COMPRESSION</b>	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
<b>IMAGE ENHANCEMENT</b>	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
<b>ALARM ON TEMPERATURE</b>	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
<b>ACCURATE FIRE DETECTION</b>	10 detection points²	10 detection points²	10 detection points²	10 detection points²	10 detection points²
<b>ALARM I/O, AUDIO I/O</b>	7/2, 1/1	7/2, 1/1	7/2, 1/1	7/2, 1/1	7/2, 1/1
<b>RATINGS</b>	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
<b>OPERATING TEMPERATURE RANGE</b>	-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)
<b>POWER REQUIREMENTS (MAX.)</b>	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
<b>BRACKETS</b>	JBPW-L, PMP+WMP-L, WMP-L	JBPW-L, PMP+WMP-L, WMP-L			


## THERMAL SMART LINKAGE CAMERA

	Bi-Spectrum, Mid Res
	
<b>MODEL</b>	DS-2TD3742-35A/P
<b>THERMAL PIXELS, PITCH, SENSOR</b>	384x288, 17 µm, Vanadium Oxide UFPA
<b>SPECTRAL RESPONSE, NETD</b>	8 to 14 µm, < 35 mk @ 25 °C
<b>FRAME RATE @ RESOLUTION</b>	25 fps @320x240
<b>LENS FOCAL LENGTH</b>	35mm
<b>FIELD OF VIEW (H°XV°)</b>	10.7° × 8.0°
<b>IFOV (MRAD), MIN. FOCUS DISTANCE</b>	0.49, 30m
<b>OPTICAL SENSOR</b>	4MP, 1/2.7" CMOS
<b>FRAME RATE @ RESOLUTION</b>	50 HZ: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 HZ: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
<b>MIN. ILLUMINATION (LUX) WITHOUT IR</b>	Color: 0.0089 Lux @(F1.6, AGC ON) B/W: 0.0018 Lux @(F1.6, AGC ON)
<b>LENS, FIELD OF VIEW (HXV)</b>	14.8mm, 20.59° × 11.73°
<b>IR RANGE MAX (METERS)</b>	N/A
<b>OPTICAL SENSOR</b>	4MP, 1/1.8" CMOS
<b>FOCAL LENGTH, OPTICAL ZOOM</b>	6-252mm, 42x
<b>FIELD OF VIEW (H°XV°)</b>	58.7° to 2.0°
<b>IR RANGE MAX (METERS)</b>	500m
<b>PTZ RANGE</b>	Pan: 360°, Tilt: -20° to 90°, Auto Flip
<b>VIDEO COMPRESSION</b>	H.265+/H.265/H.264+/ H.264/MJPEG
<b>IMAGE ENHANCEMENT</b>	Image Fusion, PIP, 120dB WDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes
<b>ALARM I/O, AUDIO I/O</b>	7/2, 1/1
<b>RATINGS</b>	IP66 Standard; TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
<b>OPERATING TEMPERATURE RANGE</b>	-40 °C to 65 °C (-40 °F to 149 °F)
<b>POWER REQUIREMENTS (MAX.)</b>	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
			
<b>MODEL</b>	DS-2TD1217B-3/PA	DS-2TD2617B-6/PA	DS-2TD2636B-13/P
<b>FORM FACTOR</b>	Turret	Bullet	Bullet
<b>THERMAL PIXELS, PITCH, SENSOR</b>	160x120, 17 µm, Vanadium Oxide UFPA	160x120, 17 µm, Vanadium Oxide UFPA	384x288, 17 µm, Vanadium Oxide UFPA
<b>SPECTRAL RESPONSE, NETD</b>	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
<b>FRAME RATE @ RESOLUTION</b>	25 fps @ 320x240 (upscaled)	25 fps @ 320x240 (upscaled)	25 fps @ 384x288
<b>LENS FOCAL LENGTH</b>	3.1 mm	6.2 mm	13 mm
<b>FIELD OF VIEW (HxV)</b>	50.0°x37.2°	25.0°x18.7°	28.8°x21.6°
<b>IFOV (MRAD), MIN. FOCUS DISTANCE</b>	5.48, 0.2 m	2.74, 0.6 m	1.13, 2 m
<b>OPTICAL SENSOR</b>	4 MP, 1/2.7" CMOS	4 MP, 1/2.7" CMOS	4 MP, 1/2.7" CMOS
<b>FRAME RATE @ RESOLUTION</b>	30 fps @ 2688x1520, 1920x1080, 1280x720	30 fps @ 2688x1520, 1920x1080, 1280x720	30 fps @ 2688x1520, 1920x1080, 1280x720
<b>MIN. ILLUMINATION (LUX)</b>	"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"
<b>LENS, FIELD OF VIEW (HXV)</b>	"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°"
<b>IR RANGE MAX (METERS)</b>	15	40	50
<b>VIDEO COMPRESSION</b>	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
<b>IMAGE ENHANCEMENT</b>	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
<b>TEMPERATURE MEASUREMENT RANGE</b>	30-45 °C (86-113 °F)	30-45 °C (86-113 °F)	30-45 °C (86-113 °F)
<b>TEMPERATURE MEASUREMENT ACCURACY</b>	"± 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)"
<b>TEMPERATURE MEASUREMENTS</b>	10 points, 10 regions and 1 line	10 points, 10 regions and 1 line	10 points, 10 regions and 1 line
<b>FACE MASK DETECTION</b>	Yes	Yes	Yes
<b>ALARM I/O</b>	"Strobe Light, Automated Voice Alarm, 1 Input, 1 Output"	"Strobe Light, Automated Voice Alarm, 2 Input, 2 Output"	2/2
<b>AUDIO I/O</b>	1/1	1/1	1/1
<b>RATINGS</b>	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed
<b>OPERATING TEMPERATURE RANGE</b>	10 to 35 °C (50 to 95 °F)	10 to 35 °C (50 to 95 °F)	10 to 35 °C (50 to 95 °F)
<b>POWER REQUIREMENTS (MAX.)</b>	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
<b>BRACKETS</b>	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

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

## HIGHLY ACCURATE THERMOGRAPHIC SERIES

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





# Performance & Value IP Cameras



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 include DarkFighter technology to enhance performance in low light conditions. And Value Series cameras are now available in 8 MP (4K UHD) resolution.

## FEATURES

- 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**

										
<b>MODEL</b>	PCI-D12Z2S PCI-D15Z2S PCI-D18Z2S	PCI-B12Z2S PCI-B15Z2S PCI-B18Z2S	PCI-T15Z2S PCI-T18Z2S	PCI-D12F2S PCI-D15F2S PCI-D12F4S PCI-D15F4S PCI-D12F6S PCI-D15F6S	PCI-T12F2S PCI-T15F6S PCI-T12F4S PCI-T18F2S PCI-T12F6S PCI-T18F4S PCI-T15F2S PCI-T18F6S PCI-T15F4S PCI-T18F6S	PCI-B12F2S PCI-B15F6S PCI-B12F4S PCI-B18F2S PCI-B12F6S PCI-B18F4S PCI-B15F2S PCI-B18F6S PCI-B15F4S PCI-B18F6S	PCI-LB12F2S PCI-LB15F6S PCI-LB12F4S PCI-LB15F12S PCI-LB12F6S PCI-LB18F2S PCI-LB12F12S PCI-LB18F4S PCI-LB15F2S PCI-LB18F6S PCI-LB15F4S PCI-LB18F12S	PCI-T15F2SL PCI-T15F4SL PCI-T15F6SL	PCI-LB15F2SL PCI-LB15F4SL PCI-LB15F6SL	
<b>FORM FACTOR</b>	Outdoor VF Dome	Outdoor VF Bullet	Outdoor VF Turret	Outdoor Dome	Outdoor Turret	Outdoor Mini Bullet	Outdoor Long Bullet	Outdoor Turret	Outdoor Long Bullet	
<b>MEGAPIXELS</b>	2/5/8 MP	2/5/8 MP	5/8 MP	2/5 MP	2/5/8 MP	2/5/8 MP	2/5/8 MP	5 MP	5 MP	
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</b>	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"	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"	
<b>MIN. ILLUMINATION (LUX)</b>	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	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	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
<b>LENS (FOV HXV)</b>	2.7mm to 13.5mm 2 MP: H: 112.5° to 34°, V: 57.2° to 18.9° 5 MP: H: 101° to 31°, V: 72.2° to 23.4° 8 MP: H: 108.1° to 45.5°, V: 58.4° to 25.7°	2.7mm to 13.5mm 2 MP: H: 112.5° to 34°, V: 57.2° to 18.9° 5 MP: H: 101° to 31°, V: 72.2° to 23.4° 8 MP: H: 108.1° to 45.5°, V: 58.4° to 25.7°	2.7mm to 13.5mm 5 MP: H: 101° to 31°, V: 72.2° to 23.4° 8 MP: H: 108.1° to 45.5°, V: 58.4° to 25.7°	2.8mm, 4mm, 6mm 2MP: 2.8 mm, H: 107°, V: 57° 4 mm, H: 86°, V: 47° 6 mm, H: 55°, V: 29° 5MP: 2.8 mm, H: 97°, V: 71° 4 mm, H: 78°, V: 58° 6 mm, H: 44°, V: 34° 8MP: 2.8 mm, H: 111°, V: 59° 4 mm, H: 87°, V: 47° 6 mm, H: 51°, V: 28°	2.8mm, 4mm, 6mm 2MP: 2.8 mm, H: 107°, V: 57° 4 mm, H: 86°, V: 47° 6 mm, H: 55°, V: 29° 5MP: 2.8 mm, H: 97°, V: 71° 4 mm, H: 78°, V: 58° 6 mm, H: 44°, V: 34° 8MP: 2.8 mm, H: 111°, V: 59° 4 mm, H: 87°, V: 47° 6 mm, H: 51°, V: 28°	2.8mm, 4mm, 6mm 2MP: 2.8 mm, H: 107°, V: 57° 4 mm, H: 86°, V: 47° 6 mm, H: 55°, V: 29° 5MP: 2.8 mm, H: 97°, V: 71° 4 mm, H: 78°, V: 58° 6 mm, H: 44°, V: 34° 8MP: 2.8 mm, H: 111°, V: 59° 4 mm, H: 87°, V: 47° 6 mm, H: 51°, V: 28°	2.8mm, 4mm, 6mm, 12mm 2MP: 2.8 mm, H: 107°, V: 57° 4 mm, H: 86°, V: 47° 6 mm, H: 55°, V: 29° 12 mm, H: 25°, V: 14° 5MP: 2.8 mm, H: 97°, V: 71° 4 mm, H: 78°, V: 58° 6 mm, H: 44°, V: 34° 12 mm, H: 23°, V: 18° 8MP: 2.8 mm, H: 111°, V: 59° 4 mm, H: 87°, V: 47° 6 mm, H: 51°, V: 28° 12 mm, H: 24°, V: 14°	2.8mm, 4mm, 6mm 2.8 mm, H: 97°, V: 71° 4 mm, H: 78°, V: 58° 6 mm, H: 44°, V: 34° 6 mm, H: 44°, V: 34°	2.8mm, 4mm, 6mm 2.8 mm, H: 97°, V: 71° 4 mm, H: 78°, V: 58° 6 mm, H: 44°, V: 34° 6 mm, H: 44°, V: 34°	
<b>DAY/NIGHT, BLC, WDR</b>	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	
<b>IR RANGE MAX (METERS)</b>	40 m	60 m	40 m	40 m	40 m	40 m	90m	40 m	60m	
<b>VISUAL ALARM/BI MIC/BI SPK</b>	-	-	-	-	-	-	-	Yes/Yes/Yes	Yes/Yes/Yes	
<b>VIDEO COMPRESSION</b>	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	
<b>MAX. IMAGE RESOLUTION (PIXELS) AND FRAME RATE</b>	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	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	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
<b>AUDIO INPUT/OUTPUT</b>	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	
<b>ALARM INPUT/OUTPUT</b>	1/1	1/1	1/1	1/1	1/1	1/1	2/2	1/1	2/2	
<b>RATINGS</b>	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	
<b>OPERATING TEMPERATURE RANGE</b>	-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)	
<b>POWER REQUIREMENTS (MAX.)</b>	12 VDC, 0.92 A, max. 11 W	12 VDC, 1.08 A, max. 13 W	12 VDC, 1.08 A, max. 11 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, 0.95A, max. 12 W	
<b>POWER OUTPUT</b>	-	-	-	12 VDC, max. 100 mA	12 VDC, max. 100 mA	12 VDC, max. 100 mA	12 VDC, max. 100 mA	-	-	
<b>BRACKETS</b>	PC155, WML, CPM, RCM-5	PM-LPR	PC135H, WML, CPM, PM1, CM1	PC120, CB120,WMS, CPM	PC140, CB140PT,CPM, WML	CBS, PM, CM	CB130,PM,CM	PC140, CB140PT, CPM, WML	CB130,PM,CM	



PERFORMANCE & VALUE IP CAMERAS

## NETWORK CAMERA

**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



<b>MODEL</b>	DS-2CD2347G2-LU DS-2CD2387G2-LU	DS-2CD2047G2-LU DS-2CD2087G2-L	DS-2CD2T47G2-L	DS-2CD2147G2-SU
<b>FORM FACTOR</b>	Outdoor Turret	Outdoor Bullet	Outdoor Bullet	Outdoor Dome
<b>MEGAPIXELS</b>	4/8 MP	4/8 MP	4 MP	4MP
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</b>	4 MP: 1/1.8" 8 MP: 1/1.2"	4 MP: 1/1.8" 8 MP: 1/1.2"	4 MP: 1/1.8"	4 MP: 1/1.8"
<b>MIN. ILLUMINATION (LUX)</b>	0.0005 lux @ f/1.0	0.0005 @ f/1.0	0.0005 @ f/1.0	0.0005 @ f/1.0
<b>LENS (FOV HXV)</b>	2.8 mm/4 mm fixed lens 4 MP: 2.8 mm, H: 112°, V: 61° 4 mm, H: 95°, V: 51° 8 MP: 2.8 mm, H: 102°, V: 52° 4 mm, H: 88°, V: 47°	4MP: 2.8 mm/4 mm/6 mm fixed lens 2.8 mm, H: 112°, V: 61° 4 mm, H: 95°, V: 51° 6 mm, H: 58°, V: 31° 8MP: 2.8 mm/4 mm fixed lens 2.8 mm, H: 102°, V: 52° 4 mm, H: 88°, V: 49°	4 MP: 2.8 mm, H: 112°, V: 61° 4 mm, H: 95°, V: 51°	2.8 mm, H: 106°, V: 61° 4 mm, H: 95°, V: 51°
<b>DAY/NIGHT, BLC, WDR</b>	True, Yes, 130 dB	True, Yes, 130 dB	True, Yes, 130 dB	True, Yes, 130 dB
<b>WHITE LIGHT RANGE MAX (METERS)</b>	30 m (Adjustable)	40 m (Adjustable)	30 m (Adjustable)	-
<b>VIDEO COMPRESSION</b>	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
<b>MAX. IMAGE RESOLUTION (PIXELS) AND FRAME RATE</b>	4 MP (2688×1520) @ 30fps 8 MP (3840×2160) @ 24fps	4 MP (2560×1440) @ 30fps 8 MP (3840×2160) @ 24fps	4 MP (2688×1520) @ 30fps	4MP (2688×1520) @ 30fps
<b>AUDIO INPUT/OUTPUT</b>	LU: Built-in Mic	LU: Built-in Mic	-	Built-in Mic
<b>ALARM INPUT/OUTPUT</b>	-	-	-	1/1
<b>RATINGS</b>	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed
<b>OPERATING TEMPERATURE RANGE</b>	-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)
<b>POWER REQUIREMENTS (MAX.)</b>	12 VDC, PoE (802.3af), 7.6W	12 VDC, PoE (802.3af), 8.5W	12 VDC, PoE (802.3af), 10.5W	12 VDC, PoE (802.3af), 6.5W
<b>BRACKETS</b>	CPM, PC140, CB135, WML, CM, PM	CBS, CM, PM	CBS, CB130, CM, PM	PC120, CB120, WMS, CPM












# NETWORK CAMERA

	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
<b>MODEL</b>	DS-2CD2025FHWHD-I (2 MP) DS-2CD20245FWD-I (4 MP) DS-2CD20265G1-I (6 MP) DS-2CD20285G1-I (8 MP)	DS-2CD2125FHWHD-IS (2 MP) DS-2CD2145FWD-IS (4 MP) DS-2CD2165G1-IS (6 MP) DS-2CD2185G1-IS (8 MP)	DS-2CD2625FHWHD-ZS (2 MP) DS-2CD2645FWD-ZS (4 MP) DS-2CD2665G0-ZS (6 MP) DS-2CD2685G0-ZS (8 MP)	DS-2CD2525FWD-IS (2 MP) * Powered by DarkFighter DS-2CD2545FWD-IS (4 MP)* Powered by DarkFighter DS-2CD2555FWD-IS (5 MP)	DS-2CD2125FHWHD-IS (2 MP) DS-2CD2145FWD-IS (4 MP) DS-2CD2165G0-IS (6 MP) DS-2CD2185FWD-IS (8 MP) DS-2CD2185FWD-ISB (8 MP, Color: Black)	DS-2CD2125G0-IMS DS-2CD2185G0-IMS	DS-2CD2125G0-IMS DS-2CD2185G0-IMS	DS-2CD2725FHWHD-ZS (2 MP) DS-2CD2745FWD-ZS (4 MP) DS-2CD2765G0-ZS (6 MP) DS-2CD2785G0-ZS (8 MP, Color: Black)	DS-2CD2725F-ZS	DS-2CD2325FHWHD-I (2 MP) DS-2CD2345FWD-I (4 MP) DS-2CD2365G1-I (6 MP) DS-2CD2385G1-I (8 MP) DS-2CD2385G1-IB (8 MP, Color: Black)	DS-2CD2H25FWD-ZS (2 MP) DS-2CD2H25FHWHD-ZS (2 MP) DS-2CD2H45FWD-ZS (4 MP) DS-2CD2H85FWD-ZS (8 MP)	DS-2CD2425FWD-IW (2 MP) DS-2CD2455FWD-IW (5MP)	DS-2CD2935FWD-IS (3MP) DS-2CD2955FWD-IS (5MP)
<b>FORM FACTOR</b>	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	
<b>MEGAPIXELS</b>	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	2/4/6 MP	2/5 MP	3/5 MP	
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</b>	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" 4 MP: 1/2.5" 8 MP: 1/2.5"	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"	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"
<b>MIN. ILLUMINATION (LUX)</b>	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 MP: 0.014 @ 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: 0.009 @ f/1.6, 4/6/8 MP: 0.011 @ f/1.4, B/W: 0 with IR	2 MP: 0.009 @ f/1.6, 4/6/8 MP: 0.014 @ f/1.6 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: 0.034 @ 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
<b>LENS (FOV H X V)</b>	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(79°), 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: 2.8 mm H: 102°, V: 53° 4 mm, H: 79°, V: 42° 6 mm, H: 50°, V: 28°	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°	(H: 180°, V: 180°)/ 1.05 mm @ f/2.2 (H: 180°, V: 180°)		
<b>DAY/NIGHT, BLC, WDR</b>	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	
<b>IR RANGE MAX (METERS)</b>	30	50	50	10	30	30	30	-	30	30	10	8	
<b>VIDEO COMPRESSION</b>	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	
<b>MAX. IMAGE RESOLUTION (PIXELS) AND FRAME RATE</b>	2 MP (1920x1080), 60 (2 MP) 4 MP (2688x1520), 30 6 MP (3072x2048), 20 8 MP (3840x2160), 20	2 MP (1920x1080), 60 (2 MP) 4 MP (2688x1520), 30 6 MP (3072x2048), 20 8 MP (3840x2160), 20	2 MP (1920x1080), 60 (2 MP) 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 (2 MP) 4 MP (2688x1520), 30 6 MP (3072x2048), 20 8 MP (3840x2160), 20	2 MP (1920x1080), 60 (2 MP) 4 MP (2688x1520), 30 8 MP (3840x2160), 20	2 MP (1920x1080), 60 (2 MP) 4 MP (2688x1520), 30 6 MP (3072x2048), 20 8 MP (3840x2160), 20	FHWD: 2 MP (1920x1080), 60 4 MP (2688x1520), 30 6 MP (3072x2048), 20 8 MP (3840x2160), 20	2 MP (1920x1080), 30	2 MP (1920x1080), 60 (2 MP) 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 8 MP (3840x2160), 20	2 MP (1920x1080), 30 5 MP (2944x1656), 20	3 MP (2048x1536), 30 5 MP (2560x1920), 30
<b>AUDIO INPUT/OUTPUT</b>	-	-	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	IN: 1 line OUT: 1 line	-	1/1	-	IN: 1 line OUT: 1 line
<b>ALARM INPUT/OUTPUT</b>	-	-	1/1	1/1	1/1	1/1	1/1	1/1	1/1	-	1/1	-	1/1
<b>RATINGS</b>	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, IK10, UL/cUL Listed	IP67, UL/cUL Listed	IP66, IK10, UL/cUL Listed,	UL/cUL Listed	UL/cUL Listed
<b>OPERATING TEMPERATURE RANGE</b>	-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)	-30 to 60 °C (-22 to 140 °F)	-10 to 40 °C (14 to 104 °F)	-10 to 50 °C (-14 to 122 °F)
<b>POWER REQUIREMENTS (MAX.)</b>	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%, Ø5.5mm 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), 7W,	12 VDC, PoE (802.3af), 6.4 W 3 MP: 12 VDC, PoE (802.3af), 6.5 W 5 MP: 12 VDC, PoE (802.3af), 7.5 W
<b>BRACKETS</b>	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-(B): CPM, PC140(B), CB140T(B), CM, PM	CPM, CPME, WMS, WML, PM1, CM1, PC135H, CB135, AB135	-	WM-C AB-FE2 PP1 PP2	

PERFORMANCE & VALUE IP CAMERAS

## NETWORK CAMERAS

										
<b>MODEL</b>	DS-2CD2023G0-I DS-2CD2043G0-I DS-2CD2043G0-IB (black) DS-2CD2063G0-I DS-2CD2083G0-I	DS-2CD2623G1-IZS DS-2CD2643G1-IZS DS-2CD2663G1-IZS DS-2CD2683G1-IZS	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-IZS DS-2CD2743G1-IZS DS-2CD2743G1-IZSB (black) DS-2CD2763G1-IZS DS-2CD2783G1-IZS DS-2CD2783G1-IZSB (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	
<b>FORM FACTOR</b>	Outdoor Mini bullet	Outdoor Varifocal Bullet	Outdoor MiniDome	Outdoor WiFi MiniDome	Outdoor Dome	Outdoor VF Dome	Outdoor Turret	Indoor Pinhole	Indoor Covert	
<b>MEGAPIXELS</b>	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	
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</b>	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"	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"	
<b>MIN. ILLUMINATION (LUX)</b>	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	
<b>LENS (FOV H X V)</b>	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 H:102°, 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°	
<b>DAY/NIGHT, BLC, WDR</b>	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	
<b>IR RANGE MAX (METERS)</b>	30	50	30	30	30	30	30	-	-	
<b>VIDEO COMPRESSION</b>	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	
<b>MAX. IMAGE RESOLUTION (PIXELS)</b>	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	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)
<b>AUDIO INPUT/OUTPUT</b>	-	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	-	-	-	
<b>ALARM INPUT/OUTPUT</b>	-	1/1	1/1	1/1	-	1/1	-	-	-	
<b>RATINGS</b>	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	
<b>OPERATING TEMPERATURE RANGE</b>	-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)	
<b>POWER REQUIREMENTS (MAX.)</b>	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	
<b>BRACKETS</b>	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

 ColorVu

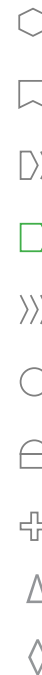
**IMAGINE CAPTURING VIVID, COLORFUL  
DETAILS, IN TOTAL DARKNESS.  
HIKVISION COLORVU DELIVERS  
THIS AND MORE.**



Hikvision's ColorVu PT Camera DS-2DE3A400BW-DE pairs our unique ColorVu technology with pan and tilt features for greater coverage.

## FEATURES

- 3-inch 4 mm fixed lens and up to 0.0005 lux
- Provides precise detection of objects in any environment by sensing human and vehicle movement versus non-human objects such as rain, animals, and leaves
- Real-time alarms provide audible warning and flashing light
- Two-way audio to listen and speak using built-in microphone and speaker
- IP-66 outdoor rated for performance in harsh environments
- Live Guard: The built-in microphone, speaker and strobe light provide a verbal warning to trespassers or intruders





## NETWORK PTZ CAMERAS

													
<b>MODEL</b>	DS-2DE2204IW-DE3	DS-2DE2A404IW-DE3	DS-2DE3A400BW-DE	DS-2DE3404W-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-2DE7A432IW-AEB
<b>TYPE</b>	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
<b>MEGAPIXELS</b>	2 MP	4 MP	4 MP	4 MP	2 MP	2 MP	2 MP, 4MP	2 MP	2 MP	4 MP	2 MP	2 MP	4 MP
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</b>	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"	1/1.8"
<b>MIN. ILLUMINATION (LUX)</b>	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: 0.005 @ f/1.6 B/W: 0.001 @ 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/1.5 B/W: 0 with IR*
<b>LENS (FOV H X V)</b>	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 153 mm, motorized zoom, autofocus	*5.9 to 188.8 mm, motorized zoom, autofocus*
<b>OPTICAL ZOOM (DIGITAL)</b>	4x (-)	4x(16x)	-	4x (16x)	20x (16x)	20x (16x)	25x (16x)	25x (16x)	25x (16x)	25x (16x)	25x (16x)	32x (16x)	32x (16x)
<b>PAN RANGE</b>	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
<b>TILT RANGE</b>	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°
<b>PAN &amp; TILT SPEED (MANUAL)</b>	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.
<b>PAN &amp; TILT SPEED (PRESET)</b>	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.
<b>DAY/NIGHT</b>	True	True	1	True	True	True	True	True	True	True	True	True	True
<b>IMAGE ENHANCEMENT</b>	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	120 dB WDR, 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
<b>IR RANGE MAX (METERS)</b>	20	20	30 m white light	-	100	100	50	-	-	100	150	-	200
<b>3D POSITIONING</b>	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>VIDEO COMPRESSION</b>	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
<b>MAX. IMAGE RESOLUTION (PIXELS) AND FRAME RATE</b>	2 MP (1920x1080), 30	2560x1440, 24	4 MP (2560x1440), 30	4MP (2560 x 1440), 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	4 MP (2560x1440), 30
<b>RATINGS</b>	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, IK10, UL/cUL Listed
<b>OPERATING TEMPERATURE RANGE</b>	-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)
<b>POWER REQUIREMENTS (MAX.)</b>	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, Hi-PoE, 30 W	24V AC, Hi-PoE, 22 W	24V AC, Hi-PoE, 22 W	24V AC, Hi-PoE (802.3at), 42 W
<b>BRACKETS</b>	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, CPME	RPM, WMP-L, CMP, PMP, JBPW-L, CMP- JB, PMP-JB, CPM-S, CPM-L, CPME	RPM, WMP-L, CMP, PMP, JBPW-L, CMP- JB, PMP-JB, CPM-S, CPM-L, CPME	RPM, WMP-L, CMP, PMP, JBPW-L, CMP- JB, PMP-JB, CPM-S, CPM-L, CPME	RPM, WMP-L, CMP, PMP, JBPW-L, CMP- JB, PMP-JB, CPM-S, CPM-L, CPME

# 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



Residential



Small Business



Restaurant/Café





<b>MODEL</b>	EPI-4225I-DE
<b>TYPE</b>	Outdoor
<b>MEGAPIXELS</b>	2 MP
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</b>	1/2.8"
<b>MIN. ILLUMINATION (LUX)</b>	Color: 0.005 @ f/1.6 B/W: 0 with IR
<b>LENS (FOV H X V)</b>	4.8mm to 120mm
<b>OPTICAL ZOOM (DIGITAL)</b>	25x
<b>PAN RANGE</b>	360° endless
<b>TILT RANGE</b>	From -15° to 90°
<b>PAN &amp; TILT SPEED (MANUAL)</b>	0.1°/s to 80°/s & 0.1°/s to 80°/s
<b>PAN &amp; TILT SPEED (PRESET)</b>	80°/s & 80°/s
<b>IMAGE ENHANCEMENT</b>	HLC/BLC/3D DNR/Defog/EIS/Regional Exposure/RegionalFocus
<b>IR RANGE MAX (METERS)</b>	100
<b>VIDEO COMPRESSION</b>	H.265+/H.265/H.264+/H.264
<b>MAX. IMAGE RESOLUTION (PIXELS)AND FRAME RATE</b>	1920x1080, 30
<b>RATINGS</b>	IP66, UL/cUL Listed
<b>OPERATING TEMPERATURE RANGE</b>	-22 to 149 °F(-30 to 65 °C)
<b>POWER REQUIREMENTS (MAX.)</b>	12 VDC and PoE+ (802.3at, class4), 18 W
<b>BRACKETS</b>	RPM, WMP-L, CMP, PMP, JBPW-L, CMP-JB, PMP-JB, CPM-S, CPM-L, PMP-V, CPMPE

## NETWORK CAMERA

	EXIR 2.0	EXIR 2.0	EXIR 2.0	EXIR 2.0	EXIR 2.0
<b>MODEL</b>	ECI-B12F ECI-B14F	ECI-D12F ECI-D14F	ECI-T22F ECI-T24F	ECI-D62Z2 ECI-D64Z2	ECI-B62Z2 ECI-B64Z2
<b>FORM FACTOR</b>	Outdoor Fixed Bullet	Outdoor Fixed Dome	Outdoor Fixed Turret	Outdoor VF Dome	Outdoor VF Bullet
<b>MEGAPIXELS</b>	2/4 MP			2/4 MP	
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</b>	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"
<b>MIN. ILLUMINATION (LUX)</b>	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	
<b>LENS (FOV H X V)</b>	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, H86°, 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°	
<b>IR RANGE MAX (METERS)</b>	30			30	
<b>DAY/NIGHT, BLC, WDR</b>	2 MP: True/Yes/Digital 4MP: True, Yes, 120 dB			2 MP: True/Yes/Digital 4MP: True, Yes, 120 dB	
<b>VIDEO COMPRESSION</b>	H.265+/H.265/H.264+/H.264/MJPEG			H.265+/H.265/H.264+/H.264/MJPEG	
<b>MAX. IMAGE RESOLUTION (PIXELS)AND FRAME RATE</b>	2 MP (1920x1080), 30 4 MP (2560x1440), 20			2 MP (1920x1080), 30 4 MP (2560x1440), 20	
<b>SMART FEATURES</b>	-			-	
<b>AUDIO INPUT/OUTPUT</b>	-			-	
<b>ALARM INPUT/OUTPUT</b>	-			-	
<b>RATINGS</b>	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	
<b>OPERATING TEMPERATURE RANGE</b>	-30 to 50 °C (-22 to 122 °F)			-30 to 50 °C (-22 to 122 °F)	
<b>POWER REQUIREMENTS (MAX.)</b>	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	
<b>STANDARDS</b>	Complies with ONVIF (Profile S and G), ASAPI. Contact for factory details			Complies with ONVIF (Profile S and G), ASAPI. Contact for factory details	
<b>BRACKETS</b>	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
				
<b>MODEL</b>	DS-9616NI-H8 DS-9632NI-H8 DS-9664NI-H8	DS-96064NI-H16	DS-96128NI-H24/H DS-96256NI-H24/H	DS-96256NI-H24/H
<b>FORM FACTOR</b>				
<b>MAX. RECORDING RESOLUTION</b>	12 MP	12 MP	12 MP	12 MP
<b>VIDEO COMPRESSION</b>	H.264, H264+, 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)
<b>HDMI/VGA OUTPUT</b>	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
<b>IP VIDEO INPUTS</b>	16/32/64	64	128/256	256
<b>ALARM INPUT/OUTPUT</b>	16/4	16/8	16/8	16/8
<b>RAID SUPPORT</b>	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
<b>INTERNAL SATA</b>	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)
<b>MAXIMUM INTERNAL STORAGE</b>	80 TB	160 TB	240 TB	240 TB
<b>MAX INCOMING BANDWIDTH (MBPS)</b>	DS-9616NI-H8: 256 DS-9632NI-H8: 320 DS-9664NI-H8: 320 All (200 with RAID)	512Mbps (512 with RAID)	768	768
<b>MAXIMUM OUTGOING BANDWIDTH (MBPS)</b>	256 (200 with RAID)	512Mbps (400 with RAID)	128 Ch: 512 256 Ch: 768	768
<b>RATINGS</b>	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
<b>RACK UNITS</b>	2	3	4	4
<b>POWER REQUIREMENTS</b>	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
<b>POWER CONSUMPTION</b>	≤30 W without HDD or DVD-R/W	≤140 W without HDD or DVD-R/W	≤140 W without HDD or DVD-R/W	≤140 W without HDD or DVD-R/W




## NETWORK VIDEO RECORDER

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

## NETWORK VIDEO RECORDER

	PLUG AND PLAY	PLUG AND PLAY	PLUG AND PLAY	PLUG AND PLAY
				
<b>MODEL</b>	DS-7604NI-Q1/4P DS-7608NI-Q2/8P DS-7616NI-Q2/16P	DS-7608NH-2/8P DS-7616NH-2/16P	DS-7716NI-H4/16P	DS-7732NI-H4 DS-7732NI-H4/16P DS-7732NI-H4/24P
<b>MAX. RECORDING RESOLUTION</b>	8 MP	12 MP	12 MP	12 MP
<b>VIDEO COMPRESSION</b>	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
<b>HDMI/VGA OUTPUT</b>	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)
<b>IP VIDEO INPUT</b>	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
<b>AUDIO INPUT/OUTPUT</b>	1 line in/1 line out	1 line in/1 line out	1 line in/1 line out	1 line in/1 line out
<b>ALARM INPUT/OUTPUT</b>	4 ch/1 ch	4 ch/1 ch	16 ch/4 ch	16 ch/4 ch
<b>INTERNAL SATA</b>	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)
<b>MAX. INTERNAL STORAGE</b>	6TB (4ch), 12 TB (8/16ch)	20 TB	40 TB	40 TB
<b>MAX INCOMING BANDWIDTH (MBPS)</b>	40 (ch), 80 (8ch), 160 (16ch)	80 (8ch), 160 (16ch)	160	14, 16P: 256 24P: 320
<b>MAXIMUM OUTGOING BANDWIDTH (MBPS)</b>	80	256	256	256
<b>MAX. REMOTE CONNECTIONS</b>	4-ch: 16 8/16-ch: 64	8-ch: 32 16-ch: 128	128	128
<b>RACK UNITS</b>	1	1	1.5	1.5
<b>RATINGS</b>	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
<b>POE BUDGET</b>	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)
<b>POWER REQUIREMENTS</b>	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

	ACUSENSE - HUMAN/VEHICLE DETECTION	ACUSENSE - HUMAN/VEHICLE DETECTION	ACUSENSE - HUMAN/VEHICLE DETECTION
			
<b>MODEL</b>	DS-7608NXI-H2/8P/S	DS-7616NXI-H2/16P/S	DS-7732NXI-H4/16P/S
<b>MAX. RECORDING RESOLUTION</b>	12 MP	12 MP	12 MP
<b>SMART FEATURE</b>	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
<b>VIDEO COMPRESSION</b>	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
<b>HDMI/VGA OUTPUT</b>	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
<b>IP VIDEO INPUT</b>	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
<b>AUDIO INPUT/OUTPUT</b>	1 line in/1 line out	1 line in/1 line out	1 line in/1 line out
<b>ALARM INPUT/OUTPUT</b>	4 ch/1 ch	4 ch/1 ch	16 ch/4 ch
<b>INTERNAL SATA</b>	2 SATA interfaces (up to 10 TB each)	2 SATA interfaces (up to 10 TB each)	4 SATA interfaces (up to 10 TB each)
<b>MAX. INTERNAL STORAGE</b>	20 TB	20 TB	40 TB
<b>MAX INCOMING BANDWIDTH (MBPS)</b>	80	160	256
<b>MAXIMUM OUTGOING BANDWIDTH (MBPS)</b>	256	256	256
<b>MAX. REMOTE CONNECTIONS</b>	128	128	128
<b>RACK UNITS</b>	1	1	1.5
<b>RATINGS</b>	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
<b>POE BUDGET</b>	120 W	200 W	200 W
<b>POWER REQUIREMENTS</b>	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)

# 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.

IP NVR/Camera Kits

								
<b>MODEL</b>	EKI-K41T44	EKI-K82T46	EKI-K164T412	EKI-K41D44	EKI-K82D46	EKI-K164D412	EKI-K82B86	EKI-K41B44W
<b>FORM FACTOR</b>	Turret	Turret	Turret	Dome	Dome	Dome	Bullet	Bullet
<b>NUMBER OF KIT CAMERAS</b>	4	6	12	4	6	12	6	4
<b>CAMERA SPECIFICATION</b>	ECI-T24F2	ECI-T24F2	ECI-T24F2	ECI-D24F2	ECI-D24F2	ECI-D24F2	ECI-B28F2	DS-2CV1041G1-IDW
<b>MEGAPIXELS</b>	4 MP	4 MP	4 MP	4 MP	4 MP	4 MP	8MP	4MP
<b>MIN. ILLUMINATION (LUX)</b>	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
<b>LENS</b>	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
<b>DAY/NIGHT</b>	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
<b>BLC/WDR</b>	Yes/Digital	Yes/Digital	Yes/Digital	Yes/120 dB	Yes/120 dB	Yes/120 dB	Yes/Digital	Yes/Digital
<b>IR RANGE MAX (METERS)</b>	30	30	30	30	30	30	30	30
<b>VIDEO COMPRESSION</b>	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
<b>MAX. IMAGE RESOLUTION (PIXELS)</b>	2560x1440, 20	2560x1440, 20	2560x1440, 20	2560x1440, 20	2560x1440, 20	2560x1440, 20	3840 x 2160, 15	2560x1440, 20
<b>MOTION DETECTION</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>AUDIO INPUT/OUTPUT</b>	-	-	-	-	-	-	-	Build-in Mic
<b>ALARM INPUT/OUTPUT</b>	-	-	-	-	-	-	-	-
<b>RATINGS</b>	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
<b>OPERATING TEMPERATURE RANGE</b>	-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
<b>POWER REQUIREMENTS (MAX.)</b>	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
<b>BRACKET</b>	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
<b>NVR SPECIFICATION</b>	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
<b>MAX. RECORDING RESOLUTION</b>	8 MP	8 MP	8 MP	8 MP	8 MP	8 MP	8 MP	4MP
<b>VIDEO COMPRESSION</b>	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
<b>HDMI/VGA OUTPUT</b>	1920x1080/1920x1080, synchro- nized output	1920x1080/1920x1080, synchro- nized output	1920x1080/1920x1080, synchro- nized output	1920x1080/1920x1080, synchro- nized output	1920x1080/1920x1080, synchro- nized output	1920x1080/1920x1080, synchro- nized output	1920x1080/1920x1080, synchro- nized output	1920x1080/1920x1080, synchro- nized output
<b>IP VIDEO INPUT</b>	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
<b>AUDIO INPUT/OUTPUT</b>	---	---	---	---	---	---	---	---
<b>ALARM INPUT/OUTPUT</b>	---	---	---	---	---	---	---	---
<b>INTERNAL HDD</b>	1 TB	2 TB	4 TB	1 TB	2 TB	4 TB	2 TB	1 TB
<b>MAX. INTERNAL STORAGE</b>	6 TB	6 TB	6 TB	6 TB	6 TB	6 TB	6 TB	6 TB
<b>MAX INCOMING BANDWIDTH (MBPS)</b>	40	80	160	40	80	160	80	50
<b>MAXIMUM OUTGOING BANDWIDTH (MBPS)</b>	80	80	80	80	80	80	80	40
<b>MAX. REMOTE CONNECTIONS</b>	128	128	128	128	128	128	128	16
<b>RACK UNITS</b>	1	1	1	1	1	1	1	1
<b>RATINGS</b>	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
<b>POE BUDGET</b>	50 W	80 W	150 W	50 W	80 W	150 W	80 W	---
<b>POWER REQUIREMENTS</b>	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.

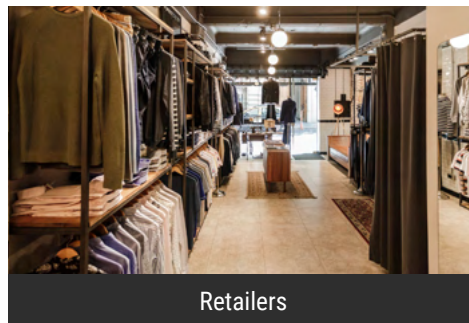
## FEATURES

- 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

											
<b>MODEL</b>	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
<b>FORM FACTOR</b>	Outdoor Bullet	Outdoor Turret	Outdoor Bullet	Outdoor Bullet	Outdoor Turret	Outdoor Bullet	Outdoor Bullet	Outdoor Turret	Outdoor Bullet	Outdoor Dome	Outdoor Bullet
<b>MEGAPIXELS</b>	2 MP	2 MP	2 MP	2 MP	2 MP	5 MP	5 MP	5 MP	2 MP	2 MP	2 MP
<b>VIDEO OUT</b>	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
<b>HD-TVI RESOLUTION</b>	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080	2560 × 1944	2560 × 1944	2560 × 1944	1920×1080	1920×1080	1920×1080
<b>CVBS RESOLUTION</b>	960H	960H	960H	960H	960H	960H	960H	960H	-	-	-
<b>SENSOR SIZE</b>			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
<b>MIN. ILLUMINATION (LUX)</b>	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
<b>LENS (FOV H X V)</b>	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
<b>DAY/NIGHT, BLC, WDR</b>	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
<b>IR RANGE MAX (METERS)</b>	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
<b>OSD MENU VIA UP-THE-COAX (UTC)</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>RATINGS</b>	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
<b>OPERATING TEMPERATURE RANGE</b>	-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)
<b>POWER REQUIREMENTS (MAX.)</b>	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
<b>BRACKETS</b>	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 
<b>MODEL</b>	DS-2CC12D8T-AMM
<b>FORM FACTOR</b>	Box (lens not included)
<b>MEGAPIXELS</b>	2 MP
<b>VIDEO OUT</b>	HD-TVI/CVBS (selectable)
<b>HD-TVI RESOLUTION</b>	1920x1080
<b>CVBS RESOLUTION</b>	960H
<b>SENSOR SIZE</b>	2 MP CMOS
<b>MIN. ILLUMINATION (LUX)</b>	Color: 0.005 @ f/1.2 B/W: 0 with IR
<b>LENS</b>	C/CS Mount
<b>DAY/NIGHT, BLC, WDR</b>	Auto/Color/BW (Black and White)/ Yes/120 dB
<b>IR RANGE MAX (METERS)</b>	-
<b>OSD MENU VIA UP-THE-COAX (UTC)</b>	Yes
<b>RATINGS</b>	UL/cUL Listed
<b>OPERATING TEMPERATURE RANGE</b>	-30 to 60 °C (-22 to 140 °F)
<b>POWER REQUIREMENTS (MAX.)</b>	12 V DC ±25%, 24 V AC ±25%, 3W
<b>BRACKETS</b>	PP1, PP2, PM, CM, CHB, CHB-HBW, CHB-HB, WBS, WBL

## TURBOHD 4.0/ ANALOG MIGRATION SOLUTIONS

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

## TURBOHD 4.0 ANALOG CAMERA

	5MP <b>EXIR 2.0</b> 	2MP <b>EXIR 2.0</b> 	1080p <b>EXIR 2.0</b> 	8MP <b>EXIR 2.0</b> 
<b>MODEL</b>	DS-2CE12H0T-PIRL	DS-2CE12D8T-PIRL	DS-2CE16D3T-I3F	DS-2CE16U7T-I3F
<b>FORM FACTOR</b>	Outdoor Bullet	Outdoor Bullet	Outdoor Bullet	Outdoor Bullet
<b>VARIATION</b>	PIR/White Light	PIR/White Light	Outdoor	
<b>MEGAPIXELS</b>	5 MP	2 MP	2 MP	8 MP
<b>VIDEO OUT</b>	HD-TVI	HD-TVI	TVI/AHD/CVI/CVBS	HD-TVI
<b>HD-TVI RESOLUTION</b>	2560x1944	1920x1080	1920x1080	3840x2160
<b>CVBS RESOLUTION</b>	-	-	700TVL	960H
<b>SENSOR SIZE</b>	5 MP CMOS	2 MP CMOS	2 MP CMOS	8 MP CMOS
<b>MIN. ILLUMINATION (LUX)</b>	Color: 0.01 @ 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: 0.003 @ f/1.2, B/W: 0 with IR"
<b>LENS (FOV H X V)</b>	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 106°, 3.6 mm, H 82°, 6 mm, H 51°	2.8 mm, H 102.2°
<b>DAY/NIGHT, BLC, WDR</b>	True/Yes/No	True, Yes, 120 dB	True, Yes, 120 dB	True/Yes/130 dB
<b>IR RANGE MAX (METERS)</b>	20	20	30	60
<b>OSD MENU VIA UP-THE-COAX (UTC)</b>	Yes	Yes	Yes	Yes
<b>RATINGS</b>	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed
<b>OPERATING TEMPERATURE RANGE</b>	-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)
<b>POWER REQUIREMENTS (MAX.)</b>	12 VDC ±25%, Max. 4 W	12 VDC ±25%, 4.5W	12 VDC ±25%, 4.7W	12 VDC ±25%, 4.8W
<b>BRACKETS</b>	CBXS	CBXS	CBXS	CBXS

## TURBOHD 4.0 ANALOG CAMERA

	5 MP EXIR 2.0	2 MP EXIR 2.0	1080p EXIR 2.0	8 MP EXIR 2.0	1080p EXIR 2.0	2 MP EXIR 2.0	8 MP EXIR 2.0	5 MP EXIR 2.0	5 MP EXIR 2.0	2 MP EXIR 2.0	2 MP EXIR 2.0	1080p EXIR 2.0
												
<b>MODEL</b>	DS-2CE16H0T-IT3F DS-2CE16H0T-IT5F	DS-2CE17H0T-IT3F	DS-2CE16H8T-IT3F	DS-2CE16D3T-IT3F	DS-2CE16D3T-IT3F	DS-2CC12D9T-IT5E DS-2CC12D9T-IT3E	DS-2CE19U7T-AIT3ZF	DS-2CE16H0T-AIT3ZF	DS-2CE19H8T-AIT3ZF	DS-2CE19D3T-AIT3ZF	DS-2CC12D9T-AIT3ZE	DS-2CE16D9T-AIRAZH
<b>FORM FACTOR</b>	Bullet	Bullet	Bullet	Outdoor Bullet	Outdoor Bullet	Outdoor VF Bullet	Outdoor VF Bullet	Outdoor VF Bullet	Outdoor VF Bullet	Outdoor VF Bullet	Outdoor VF Bullet	Outdoor VF Bullet
<b>VARIATION</b>	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR, Power over Coax (PoC)	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR, Power over Coax (PoC)	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR, Power over Coax (PoC)	Outdoor
<b>MEGAPIXELS</b>	5 MP	5 MP	5 MP	2 MP	2 MP	2 MP	8 MP	5 MP	5 MP	2 MP	2 MP	2 MP
<b>VIDEO OUT</b>	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	HD-TVI/CVBS (Dual)	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	HD-TVI/CVBS (Dual)	HD-TVI/CVBS (Dual)
<b>HD-TVI RESOLUTION</b>	2560x1944	2560x1944	2560x1944	1920x1080	1920x1080	1920x1080	3840x2160	2560x1944	2560x1944	1920x1080	1920x1080	1920x1080
<b>CVBS RESOLUTION</b>	960H	960H	-	700TVL	700TVL	720*576	960H	960H	-	700TVL	720*576	600TVL
<b>SENSOR SIZE</b>	5 MP CMOS	5 MP CMOS	5 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	8 MP CMOS	5 MP CMOS	5 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS
<b>MIN. ILLUMINATION (LUX)</b>	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: 0.005 @ f/1.2 B/W: 0 with IR	Color: 0.005 @ 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: 0.003 @ f/1.2, B/W: 0 with IR"	Color: 0.005 @ 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
<b>LENS (FOV H X V)</b>	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°	2.8mm, H 98°, 3.6 mm, H 78°, 6 mm, H 48°, 8 mm, H 37°, 12 mm, H 23°	2.8 mm, H 106°, 3.6 mm, H 82°, 6 mm, H 51°, 8 mm, H 39°, 12 mm, H 24°	2.8 mm, H 106°, 3.6 mm, H 82°, 6 mm, H 51°, 8 mm, H 39°, 12 mm, H 24°	2.8 mm, H 103.5°, 3.6 mm, H 82.6°, 6 mm, H 54.4°	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 92.3° to 29.3°	2.7 mm to 13.5 mm motorized vari-focal lens, H 102° to 31°	2.8 mm to 12 mm motorized vari-focal lens, H 98° to 32.1°	5 to 50 mm motorized vari-focal lens, H 59.8°-6.2°
<b>DAY/NIGHT, BLC, WDR</b>	True/Yes/Digital	True/Yes/Digital	True/Yes/130 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True/Yes/130 dB	True/Yes/Digital	True/Yes/130 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB
<b>IR RANGE MAX (METERS)</b>	IT5: Up to 80 m IT3: Up to 40m	40	60m	50	50	"IT3E: 40 IT5E: 80"	80	Up to 40 m	80	70	40	120
<b>OSD MENU VIA UP- THE-COAX (UTC)</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>RATINGS</b>	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	IP66, UL/cUL Listed
<b>OPERATING TEM- PERATURE RANGE</b>	-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)	-40 to 60 °C (-40 to 140 °F)
<b>POWER REQUIRE- MENTS (MAX.)</b>	12 VDC ±25%, IT5: 5.2W IT3: 4.3W"	12 VDC ±25% 4.3W	12 VDC ±25%, 5.8W	12 VDC ±25%, 5.6W	12 VDC ±25%, 5.6W	"12 VDC ±30%/PoC.at, IT3E: 4W IT5E: 5.5W"	12 VDC ±25%, 24 VDC ±25%, 10.8W"	12 VDC ±15%, 24 VAC ±15%, 8.9W	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC, 10.5W	24 VAC ±15%, 12 VDC ±20%, 9.7W	24 V AC/12 V DC ±30%/PoC.at,7.5W	24 VAC, 20 W
<b>BRACKETS</b>	CBXS	CBXS	CBXS	CBXS	CBXS	CBXS	CBS, PM, CM	CBS, PM, CM	CBS, PM, CM	CBS, PM, CM	CBS, PM, CM	-












## TURBOHD 4.0 ANALOG CAMERA

## TURBOHD ANALOG CAMERA

	8 MP EXIR 2.0 OUTDOOR EXIR	5 MP EXIR 2.0 OUTDOOR EXIR	5 MP EXIR 2.0 OUTDOOR EXIR	5 MP EXIR 2.0 INDOOR EXIR	8 MP EXIR 2.0 INDOOR EXIR	5 MP EXIR 2.0 OUTDOOR EXIR	1080p EXIR 2.0 OUTDOOR EXIR	1080p EXIR 2.0 OUTDOOR EXIR	2 MP EXIR 2.0 INDOOR EXIR, POWER OVER COAX (POC)	5 MP EXIR 2.0 OUTDOOR EXIR, POWER OVER COAX (POC)	2 MP EXIR 2.0 OUTDOOR EXIR, POWER OVER COAX (POC)	5 MP OUTDOOR EXIR
												
MODEL	DS-2CE57U7T-VPITF	DS-2CE56H0T-VPITFB (black)	DS-2CE57H0T-VPITF	DS-2CE56H0T-AITZF	DS-2CE59U7T-AVPIT3ZF	DS-2CE56H0T-AVPIT3ZF (black)	DS-2CE57D3T-VPITF DS-2CE57D3T-VPITFB (black)	DS-2CE5AD3T-AVPIT3ZF DS-2CE5AD3T-AVPIT3ZFB (black)	DS-2CC52D9T-AITZE	DS-2CE59H8T-AVPIT3ZF	DS-2CC52D9T-AVPIT3ZE	DS-2CE57H8T-VPITF
FORM FACTOR	Outdoor VF Dome	Outdoor Dome	Outdoor Dome	Indoor VF DOome	Indoor VF DOome	Outdoor VF Dome	Outdoor Dome	Outdoor VF Dome	Indoor VF Dome	Outdoor VF Dome	Outdoor VF Dome	Outdoor Dome
MEGAPIXELS	8 MP	5 MP	5 MP	5 MP	8 MP	5 MP	2 MP	2 MP	2 MP	5 MP	2 MP	5 MP
VIDEO OUT	HD-TVI	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	HD-TVI	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	HD-TVI/CVBS (Dual)	TVI/AHD/CVI/CVBS	HD-TVI/CVBS (Dual)	TVI/AHD/CVI/CVBS
HD-TVI RESOLUTION	3840x2160	2560x1944	2560x1944	2560x1944	3840x2160	2560x1944	1920x1080	1920x1080	1920x1080	2560x1944	1920x1080	2560x1944
CVBS RESOLUTION	960H	960H	960H	960H	960H	960H	700TVL	700TVL	720x576	-	720x576	-
SENSOR SIZE	8 MP CMOS	5 MP CMOS	5 MP CMOS	5 MP CMOS	8 MP CMOS	5 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	5 MP CMOS	2 MP CMOS	5 MP CMOS
MIN. ILLUMINATION (LUX)	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: 0.01 @ 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: 0.005 @ f/1.2 B/W: 0 with IR	Color: 0.005 @ 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)	2.8 mm, H 102.2°	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 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°	2.8 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°	2.8 mm to 12 mm motorized vari-focal lens, H 32.1° to 98°	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°
DAY/NIGHT, BLC, WDR	True, Yes, 130 dB	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/Digital	True, Yes, 130 dB	TRUE/Yes/Digital	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	TRUE/Yes/130 dB	True, Yes, 120 dB	TRUE/Yes/130 dB
IR RANGE MAX (METERS)	40	Up to 20 m	Up to 20 m	Up to 40 m	60	Up to 40 m	30	70	40	60	40	30
OSD MENU VIA UP-THE-COAX (UTC)	Yes	Yes	Yes	Yes	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, IK10 UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	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)	-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 ±25%, 4.3W	12 VDC ±25%, 4.3W	12 VDC ±15%, 24 VAC ±15%, 6.0W	12 VDC ±25%, 24 VDC ±25%, 8.2W*	12 VDC ±15%, 24 VAC ±15%, 6.0W	12 VDC ±25%, 4.6W	24 VAC ±15%, 12 VDC ±20%, 9.7W	24 VAC/12 VDC ±30%/PoC.at,6W	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
BRACKETS		AB110B, PC110B+WMSB, PM, CM, CB110B, WM110B	AB110B, PC110B+WMSB, PM, CM, CB110B, WM110B	CPM+PC130, WML+PC130, RCM-3, PM, CM, SRSL.SRS	WML+PC140, CPM+PC140, RCM-2, ABL, PM, CM, SRSL, SRS	WML+PC140, CPM+PC140, RCM-2, ABL, PM, CM, SRSL, SRS	AB110(B), PC110(B)+WMSB, PM, CM, CB110(B), WM110(B), SRSM, SRS(B), PC110+CPM	WML(B)+PC140(B), CPM+PC140, PM, CM, CB140-DM45, SRSL	CPM+PC130, WML+PC130, RCM-3, PM, CM, SRSL.SRS	WML+PC140, CPM+PC140, RCM-2, ABL, PM, CM, SRSL, SRS	WML+PC140, CPM+PC140, RCM-2, ABL, PM, CM, SRSL, SRS	AB110, PC110+WMS, PM, CM, CB110, WM110, SRSM, SRS, PC110+CPM

## TURBOHD 4.0 ANALOG CAMERA

	<p>5 MP PIR/WHITE LIGHT OUTDOOR EXIR</p> 	<p>1080p EXIR 2.0 OUTDOOR EXIR</p> 	<p>5 MP EXIR 2.0 OUTDOOR EXIR</p> 	<p>5 MP EXIR 2.0 OUTDOOR EXIR</p> 	<p>8 MP EXIR 2.0 OUTDOOR EXIR</p> 	<p>1080p EXIR 2.0 OUTDOOR EXIR</p> 	<p>2 MP EXIR 2.0 OUTDOOR EXIR POWER OVER COAX (POC)</p> 	<p>5 MP EXIR 2.0 OUTDOOR EXIR</p> 	<p>5 MP EXIR 2.0 OUTDOOR EXIR</p> 
MODEL	DS-2CE71H0T-PIRL	DS-2CE76D3T-ITMF	DS-2CE76H0T-ITMF	DS-2CE76H8T-ITMF	DS-2CE76U7T-ITMF	DS-2CE78D3T-IT3F	DS-2CC52D9T-IT3E	DS-2CE78H0T-IT3F	DS-2CE78H8T-IT3F
FORM FACTOR	Outdoor Turret	Outdoor Turret	Outdoor Turret	Outdoor Turret	Outdoor Turret	Outdoor Turret	Outdoor Turret	Outdoor Turret	Outdoor Turret
MEGAPIXELS	5 MP	2 MP	5 MP	5 MP	8 MP	2 MP	2 MP	5 MP	5 MP
VIDEO OUT	HD-TVI	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	HD-TVI	TVI/AHD/CVI/CVBS	HD-TVI/CVBS (Dual)	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS
HD-TVI RESOLUTION	2560×1944	1920×1080	2560×1944	2560×1944	3840×2160	1920×1080	1920×1080	2560×1944	2560×1944
CVBS RESOLUTION	-	700TVL	960H	-	960H	700TVL	720*576	960H	-
SENSOR SIZE	5 MP CMOS	2 MP CMOS	5 MP CMOS	5 MP CMOS	8 MP CMOS	2 MP CMOS	2 MP CMOS	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	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"	Color: 0.005 @ 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: 0.003 @ 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, 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	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
DAY/NIGHT, BLC, WDR	True, Yes, DWDR	True, Yes, 120 dB	TRUE/Yes/Digital	TRUE/Yes/130 dB	True, Yes, 130 dB	True, Yes, 120 dB	True, Yes, 120 dB	TRUE/Yes/Digital	TRUE/Yes/130 dB
IR RANGE MAX (METERS)	20	30	20	30	60	50	40	40	60
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%, 4W	12 VDC ±25%, 4.6W	12 VDC ±25%, 4.3W	12 VDC ±25%, 5.8W	12 VDC ±25%, 4.2W	12 VDC ±25%, 4.6W	12 VDC ±30%/PoC.af,4W	12 VDC ±25%, 4.3W	12 VDC ±25%, 5.8W
BRACKETS	WMS+PC110T,PM,CM,CBS,ABS	PC110T/CBXS	PC110T, PM, CBXS	CBXS	PC110T/CBS/ABS	PC110T/ABS/CBS	PC110T/CBS/ABS	PC110T, CBS, ABS	CBS





## TURBOHD 4.0 ANALOG CAMERA

8 MP  
EXIR 2.0  
OUTDOOR EXIR



1080p  
EXIR 2.0  
OUTDOOR EXIR



5 MP  
EXIR 2.0  
OUTDOOR EXIR



5 MP  
EXIR 2.0  
OUTDOOR EXIR





8 MP  
EXIR 2.0  
OUTDOOR EXIR



<b>MODEL</b>	DS-2CE78U7T-IT3F	DS-2CE79D3T-IT3ZF	DS-2CE56H0T-IT3ZF	DS-2CE79H8T-AIT3ZF	DS-2CE79U7T-AIT3ZF
<b>FORM FACTOR</b>	Outdoor VF Turret	Outdoor VF Turret	Outdoor VF Turret	Outdoor VF Turret	Outdoor VF Turret
<b>MEGAPIXELS</b>	8 MP	2 MP	5 MP	5 MP	8 MP
<b>VIDEO OUT</b>	HD-TVI	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	HD-TVI
<b>HD-TVI RESOLUTION</b>	3840×2160	1920×1080	2560×1944	2560×1944	3840×2160
<b>CVBS RESOLUTION</b>	960H	700TVL	960H	-	960H
<b>SENSOR SIZE</b>	8 MP CMOS	2 MP CMOS	5 MP CMOS	5 MP CMOS	8 MP CMOS
<b>MIN. ILLUMINATION (LUX)</b>	Color: 0.003 @ 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: 0.003 @ f/1.2, B/W: 0 with IR	"Color: 0.003 @ f/1.2, B/W: 0 with IR"
<b>LENS (FOV H X V)</b>	Fixed 2.8 mm	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized varifocal lens	2.7 mm to 13.5 mm motorized vari-focal lens
<b>DAY/NIGHT, BLC, WDR</b>	True, Yes, 130 dB	True, Yes, 120 dB	TRUE/Yes/Digital	TRUE/Yes/130 dB	True, Yes, 130 dB
<b>IR RANGE MAX (METERS)</b>	60	70	40	60	80
<b>OSD MENU VIA UP-THE-COAX (UTC)</b>	Yes	Yes	Yes	Yes	Yes
<b>RATINGS</b>	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed
<b>OPERATING TEMPERATURE RANGE</b>	-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)
<b>POWER REQUIREMENTS (MAX.)</b>	12 VDC ±25%, 4.2W	12 VDC ±25%, 7.7W	12 VDC ±25%, 6.3W	12 VDC ± 20%, 24 VAC ± 20%, 10.5W	12 VDC ± 20%, 24 VAC ± 20%, 11W
<b>BRACKETS</b>	PC110T/CBS/ABS	PC130T/CBM/ABM	PC130T,CBM,ABM	CBM	PC130T/CBM/ABM

## TURBOHD 4.0 ANALOG CAMERA

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

## TURBOHD ANALOG PTZ CAMERA

	1080p OUTDOOR	1080p INDOOR	1080p OUTDOOR	1080p INDOOR	1080p OUTDOOR,IR
					
<b>MODEL</b>	DS-2AE4225T-D	DS-2AE4225T-D3	DS-2AE5232T-A	DS-2AE5232T-A3	DS-2AE7232TI-A
<b>VIDEO OUT</b>	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
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</b>	1/2.8"	1/2.8" progressive scan CMOS	1/2.8"	1/2.8"	1/2.8"
<b>MIN. ILLUMINATION (LUX)</b>	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
<b>HD-TVI RESOLUTION</b>	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080
<b>CVBS RESOLUTION</b>	960H	960H	960H	960H	960H
<b>LENS</b>	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
<b>HORIZONTAL ANGLE OF VIEW</b>	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)
<b>OPTICAL ZOOM</b>	25x	25x	32x	32x	32x
<b>PAN &amp; TILT SPEED (MANUAL)</b>	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
<b>PAN &amp; TILT SPEED (PRESET)</b>	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
<b>DAY/NIGHT, BLC, WDR</b>	TRUE, Yes, 120dB	TRUE, Yes, 120dB	TRUE, Yes, 120dB	TRUE, Yes, 120dB	TRUE, Yes, 120dB
<b>IR RANGE MAX (METERS)</b>	-	-	-	-	150
<b>RATINGS</b>	IP66, UL/cUL Listed	UL/cUL Listed	IP66, UL/cUL Listed	UL/cUL Listed	IP66, UL/cUL Listed
<b>OPERATING TEMPERATURE RANGE</b>	-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)
<b>POWER REQUIREMENTS (MAX.)</b>	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)
<b>BRACKETS</b>	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		TVI ANALOG OUTDOOR EXIR
					
<b>MODEL</b>	ECT-B12		ECT-T12		ECT-B32V2
<b>FORM FACTOR</b>	Bullet		Turret		Dome
<b>MEGAPIXELS</b>	2 MP			2 MP	
<b>VIDEO OUT</b>	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	
<b>IMAGE SENSOR</b>	2 MP CMOS			2 MP CMOS	
<b>HD-TVI RESOLUTION</b>	2 MP			2 MP	
<b>CVBS RESOLUTION</b>	960H			960H	
<b>MIN. ILLUMINATION (LUX)</b>	Color: 0.01 @ f/1.2 B/W: 0 with IR			Color: 0.01 @ f/1.2 B/W: 0 with IR	
<b>LENS (FOV H X V)</b>	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°	
<b>PAN/TILT/ROTATION</b>	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°
<b>DAY/NIGHT/BLC/WDR</b>	True/Yes/Digital			ECT-B32V2/ECT-D32V2: True/Yes/Digital ECT-T32V2: True/Yes/120dB	
<b>IR RANGE MAX (METERS)</b>	20			40	
<b>VERTICAL SYNCHRONIZATION</b>	Internal			Internal	
<b>OSD MENU VIA UP-THE-COAX (UTC)</b>	Yes			Yes	Yes
<b>RATINGS</b>	IP66, UL/cUL Listed			IP66, UL/cUL Listed ECT-D32V2, ECT-T32V2: IP66, IK10 UL/cUL Listed	
<b>OPERATING TEMPERATURE RANGE</b>	-40 to 60 °C (-40 to 140 °F)			-40 to 60 °C (-40 to 140 °F)	
<b>POWER REQUIREMENTS (MAX.)</b>	12 VDC Max. 4 W			12 VDC Max. 5 W	12 VDC Max. 4.2 W
<b>BRACKETS</b>	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.

## APPLICATIONS



Residential



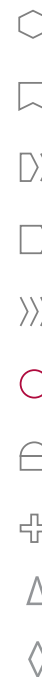
Retailers



Supermarkets

## 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





# TURBOHD 4.0 TRIBRID DVR

	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	
<b>MODEL</b>	DS-9008HUI-K8 DS-9016HUI-K8 DS-9032HUI-K8	DS-7308HUI-K4 DS-7316HUI-K4 DS-7332HUI-K4	DS-7308HQI-K4 DS-7316HQI-K4 DS-7332HQI-K4	DS-7204HTI-K1 DS-7208HTI-K2 DS-7316HTI-K4	DS-7204HUI-K1/P DS-7208HUI-K2/P DS-7316HUI-K2/P	DS-7204HQI-K1/P DS-7208HQI-K2/P DS-7216HQI-K2/P	DS-7204HUHI-K1 DS-7208HUHI-K2 DS-7216HUHI-K2	DS-7204HQHI-K1 DS-7208HQHI-K2 DS-7216HQHI-K2	
<b>MAX. RECORDING RESOLUTION</b>	8 MP	8 MP	2 MP	8 MP	5 MP	2 MP	5MP	2 MP	
<b>VIDEO COMPRESSION</b>	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	
<b>HDMI/VGA OUTPUT</b>	4K (3840x2160)/1920x1080 independent 1920x1080/1920x1080 synchronous	4K (3840x2160)/1920x1080 independent 1920x1080/1920x1080 synchronous	4K (3840x2160)/1920x1080 independent 1920x1080/1920x1080 synchronous	4K (3840x2160)/1920x1080 independent 1920x1080/1920x1080 synchronous	4-ch: 2560x1440/1920x1080 synchronous 8-ch: 3480x2160/1920x1080 synchronous 16-ch: 3480x2160/1920x1080 synchronous	4-ch/8-ch: 1920x1080 16-ch: 3480x2160/1920x1080 synchronous	4-ch: 2560x1440/1920x1080 synchronous 8-ch: 3480x2160/1920x1080 synchronous 16-ch: 3480x2160/1920x1080 synchronous	4-ch/8-ch: 1920x1080 16-ch: 3480x2160/1920x1080 synchronous	
<b>SPOT MONITOR OUTPUT (BNC)</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
<b>ANALOG INPUT</b>	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	
<b>VIDEO STANDARD</b>	HDTV/1/2/3/4/5/6/7/8/9/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000								
<b>AUDIO INPUT/OUTPUT</b>	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	
<b>ALARM INPUT/OUTPUT</b>	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	-	
<b>USB 2.0</b>	Front panel: 2xUSB 2.0 Rear panel: 1xUSB 3.0	Front panel: 2xUSB 2.0 Rear panel: 1xUSB 3.0	Front panel: 2xUSB 2.0 Rear panel: 1xUSB 3.0	Front panel: 1xUSB 2.0 Rear panel: 1xUSB 3.0	4-ch: 2xUSB 2.0 8-ch/16-ch: Front panel: 1xUSB 2.0 Rear panel: 1xUSB 3.0	4-ch/8-ch: 2xUSB 2.0 16-ch: Front panel: 1xUSB 2.0, Rear panel: 1xUSB 3.0	4-ch: 2xUSB 2.0 8-ch/16-ch: Front panel: 1xUSB 2.0 Rear panel: 1xUSB 3.0	4-ch/8-ch: 2xUSB 2.0 16-ch: Front panel: 1xUSB 2.0, Rear panel: 1xUSB 3.0	
<b>RAID SUPPORT</b>	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	-	-	-	-	-	-	
<b>INTERNAL SATA</b>	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)	
<b>MAX INTERNAL STORAGE</b>	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	
<b>SUPPORT DVD-RW</b>	Yes, replaces 4x SATA	Yes, replaces 2x SATA	Yes, replaces 2x SATA	-	-	-	-	-	
<b>MAX. FPS</b>	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, 15 5 MP, 12 8 MP, 8	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	
<b>MAX. ANALOG (CVBS) RESOLUTION</b>	WD1 (960H)	WD1 (960H)	WD1 (960H)	WD1 (960H)	WD1 (960H)	WD1 (960H)	WD1 (960H)	WD1 (960H)	
<b>HIKVISION IP CAMERA SUPPORT</b>	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 MP (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)	
<b>FRONT PANEL CONTROL</b>	Yes	Yes	Yes	No	No	No	No	No	
<b>TURBO CHANNEL VCA (VIDEO CONTENT ANALYSIS)†</b>	all channels	all channels	2-ch	all channels	all channels	2-ch	all channels	2-ch	
<b>MAX INCOMING/OUTGOING BANDWIDTH (MBPS)</b>	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	
<b>RATINGS</b>	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	
<b>RACK UNITS</b>	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	
<b>POWER REQUIREMENTS</b>	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, ≤74 W 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

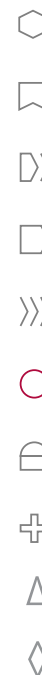
# TurboHD™ Kits



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

				
<b>MODEL</b>	EKT-K41T24	EKT-K82T26	T7204U1TA4	T7208U2TA6
<b>FORM FACTOR</b>	Turret	Turret	Turret	Turret
<b>NUMBER OF KIT CAMERAS</b>	4	6	4	6
<b>CAMERA</b>	ECT-T12F2	ECT-T12F2	DS-2CE56H0T-ITMF	DS-2CE56H0T-ITMF
<b>MIN. ILLUMINATION (LUX)</b>	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
<b>HD-TVI RESOLUTION</b>	1080p	1080p	5 MP	5 MP
<b>LENS</b>	Fixed 2.8 mm	Fixed 2.8 mm	Fixed 2.8 mm	Fixed 2.8 mm
<b>DAY/NIGHT, BLC, WDR</b>	True (ICR), Yes, DWDR	True (ICR), Yes, DWDR	TRUE/Yes/Digital	TRUE/Yes/Digital
<b>IR RANGE (METERS)</b>	20	20	20	20
<b>OSD MENU</b>	Yes, over UTC	Yes, over UTC	Yes, over UTC	Yes, over UTC
<b>RATINGS</b>	P66, UL/cUL Listed	P66, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed
<b>OPERATING TEMPERATURE RANGE</b>	-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)
<b>POWER REQUIREMENTS (MAX.)</b>	12 VDC, 4W	12 VDC, 4W	12 VDC ±25%, 4.3W	12 VDC ±25%, 4.3W
<b>DVR</b>	DVR-204Q-K1	DVR-208Q-K1	DS-7204HUI-K1	DS-7208HUI-K2
<b>MAX. RECORDING RESOLUTION</b>	4 MP	4 MP	5MP	5MP
<b>VIDEO COMPRESSION</b>	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
<b>HDMI/VGA OUTPUT</b>	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
<b>ANALOG INPUT</b>	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
<b>VIDEO STANDARD</b>	HDTV/VI/AHD/CVI/CVBS/IP	HDTV/VI/AHD/CVI/CVBS/IP	HDTV/VI/AHD/CVI/CVBS/IP	HDTV/VI/AHD/CVI/CVBS/IP
<b>TWO-WAY AUDIO INPUT</b>	1-ch, RCA (linear, 1K Ω)	1-ch, RCA (linear, 1K Ω)	1-ch, RCA (linear, 1K Ω)	1-ch, RCA (linear, 1K Ω)
<b>USB 2.0</b>	2×USB 2.0	2×USB 2.0	2×USB 2.0	2×USB 2.0
<b>INTERNAL SATA</b>	Preloaded HDD configurations	Preloaded HDD configurations	Preloaded HDD configurations	Preloaded HDD configurations
<b>INTERNAL STORAGE</b>	1 TB	2 TB	1 TB	2 TB
<b>MAX. FPS 720P/1080P HD-TVI</b>	30fps with included cameras	30fps with included cameras	20fps with included cameras	20fps with included cameras
<b>HIKVISION IP CAMERA SUPPORT</b>	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
<b>OSD MENU-UP-THE-COAX</b>	Yes	Yes	Yes	Yes
<b>RATINGS</b>	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
<b>POWER REQUIREMENTS</b>	12 VDC, ≤ 12W	12 VDC, ≤ 20W	12 VDC, ≤ 10 W	12 VDC, ≤ 20 W

## ACCESSORIES

		
<b>MODEL</b>	DS-6901UDI	DS-6916UDI
<b>VIDEO INPUT</b>	16 IP Channels	128 IP Channels, DVI, VGA
<b>VIDEO OUTPUT</b>	1 HDMI (4K), 1 VGA (1080p), 1 BNC	16 HDMI (4K × 8, 1080p × 8), 8 BNC via 2 DB15 adapters
<b>OUTPUT SPLIT SCREEN</b>	1/4/6/8/9/12/16, Roaming	1/4/6/8/9/12/16/25/36, Roaming
<b>DECODING CAPABILITY</b>	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: 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
<b>NETWORK INTERFACE</b>	Gigabit Ethernet × 1	RJ45 interface × 2, 10/100/1000 Mbps adaptive Optic interface × 2, 100 base-FX/1000 base-X An RJ45 interface and an optic interface form a combo
<b>TWO-WAY AUDIO I/O</b>	1/1 (3.5 mm audio plugs)	1/1 (3.5 mm audio plugs)
<b>AUDIO OUTPUT</b>	1 RCA	16 BNC via 2 DB15 adapters
<b>ALARM INPUT/OUTPUT</b>	8/8	8/8
<b>RS-232</b>	Yes	Yes
<b>RS-485</b>	Yes	Yes
<b>RATINGS</b>	FCC Listed	FCC Listed
<b>POWER REQUIREMENTS</b>	12 VDC ≤ 15 W	100 to 240V AC ≤ 108 W

## ENCODERS

			
<b>MODEL</b>	DS-6704HUHI-K	DS-6708HUHI-K	DS-6716HUHI-K
<b>FRAME RATE (FPS)</b>	30	30	30
<b>MULTI-STREAMING</b>	Yes	Yes	Yes
<b>VIDEO INPUT</b>	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)
<b>VIDEO OUTPUT</b>	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
<b>OUTPUT SPLIT SCREEN</b>			
<b>DECODING CAPABILITY</b>	@ 25 fps (P)/30 fps (N)	-	-
<b>NETWORK INTERFACE</b>	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
<b>STORAGE</b>	-	-	-
<b>TWO-WAY AUDIO I/O</b>			
<b>AUDIO OUTPUT</b>	4/1	4/1	4/1
<b>VOICE TALK INPUT</b>	1-ch	1-ch	1-ch
<b>ALARM INPUT/OUTPUT</b>	4/1	8/4	16/4
<b>RS-232</b>	-	-	-
<b>RS-485</b>	Yes	Yes	Yes
<b>RESOLUTION IN</b>	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
<b>RATINGS</b>	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
<b>POWER REQUIREMENTS</b>	12 VDC ≤ 10 W	12 VDC ≤ 20 W	12 VDC ≤ 25 W

# 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





UNMANAGED GIGABIT POE SWITCH

SMART MANAGED 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
TYPE	Unmanaged				Smart 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
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
BACKPLANE	10 Gbps	20 Gbps	36 Gbps	52 Gbps	1 Gbps	3.6 Gbps	7.2Gbps	8.8Gpps
POE BUDGET	60W	110W	230W	370W	60W	115W	230W	370W
MAX. PORT POWER	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
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")

SMART MANAGED GIGABIT POE SWITCH


UNMANAGED HARDEN POE SWITCH

UNMANAGED HARDEN POE SWITCH


FULL MANAGED POE SWITCH

								
MODEL	DS-3E1510P-SI	DS-3E1518P-SI	DS-3E1526P-SI	DS-3T0506HP-E/HS	DS-3T0510HP-E/HS	DS-3E2310P	DS-3E2318P	DS-3E2326P
TYPE	Smart Web Managed with Visual Topology			Unmanaged	Unmanaged	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	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 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	Store-and-forward switching	Store-and-forward switching	5.6 Mpps	8.4 Mpps	9.6 Mpps
BACKPLANE	20 Gbps	36 Gbps	52 Gbps	22 Gbps	20 Gbps	10 Gbps	21.2Gbps	22.8Gbps
POE BUDGET	115W	225W	370W	60W	110W	125W	300W	380W
MAX. PORT POWER	30W			vPort 1: 60 W Ports 2 to 4: 30 W	Ports 1 and 2: 90 W Ports 3 to 8: 30 W	15W		
POWER SUPPLY	48V DC, 2.5A	100-240V AC, 50/60Hz 4 A Max	100-240V AC, 50/60Hz 6.5 A Max	48 to 57 VDC, 1.35 A maximum	48 to 57 VDC, 2.5 A maximum	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")	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")	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

						
<b>MODEL</b>	DS-D5022FN-C	DS-D5024FC	DS-D5027FN	DS-D5032QE	DS-D5027UC	DS-D5024FN
<b>BEZEL MATERIAL</b>	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic
<b>WORKING TIME</b>	24/7	24/7	24/7	24/7	24/7	24/7
<b>DISPLAY TYPE</b>	IPS LED	LED	IPS LED	IPS LED	IPS LED	IPS LED
<b>SCREEN SIZE</b>	21.5"	23.6"	27"	31.5"	27"	23.8"
<b>MAX RESOLUTION</b>	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160	1920 x 1080
<b>BRIGHTNESS</b>	250cd/m <sup>2</sup> (Typical)	250cd/m <sup>2</sup> (Typical)	300cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (typical)	350cd/m <sup>2</sup> (Typical)	250cd/m <sup>2</sup> (Typical)
<b>CONTRAST</b>	3000:1	1000:1	1000:1	1400:1	1000:1	1000:1
<b>RESPONSE TIME</b>	6.5 ms	5 ms	14 ms	8 ms	14 ms	14 ms
<b>COLOR</b>	16.7M	16.7M	16.7M	16.7M	1.07 billion	16.7M
<b>VIEWING ANGLE</b>	Horizontal 178° Vertical 178°	Horizontal 170° Vertical 160°	Horizontal 178° Vertical 178°	Horizontal 178° Vertical 178°	Horizontal 178° Vertical 178°	Horizontal 178° Vertical 178°
<b>INPUTS</b>	HDMI, VGA	HDMI, VGA, BNC	HDMI, VGA	HDMI, VGA	HDMI, Display Port	HDMI, VGA
<b>OUTPUTS</b>	-	BNC	-	N/A	-	-
<b>AUDIO INPUT/OUTPUT</b>	-	Input: 3.5 mm Mini-Jack Output: RCA	-	Input: 3.5 mm Mini-Jack	Output: 3.5 mm Mini-Jack	-
<b>SPEAKER</b>	-	2W x 2	-	5W x 2	2W x 2	-
<b>POWER SUPPLY</b>	12 VDC	102 to 240 VAC, 50/60 Hz	100 to 240 VAC, 50/60 Hz	100 to 240 VAC, 50/60 Hz	100 to 240 VAC, 50/60 Hz	102 to 240 VAC, 50/60 Hz
<b>POWER CONSUMPTION</b>	<22W (Working) <0.5W (Standby)	30W (Working) 0.5W (Standby)	<40W (Working) <0.5W (Standby)	<55W (Working) <0.5W (Standby)	<56W (Normal working) <0.5W (Standby)	<30W (Working) <0.5W (Standby)
<b>OPERATION TEMPERATURE</b>	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)
<b>OPERATING HUMIDITY</b>	20% to 90% (Non-Condensation)	10% to 85% (Non-Condensation)	10% to 90% (Non-Condensation)	20%-80% (Non-Condensing)	10% to 80% (Non-Condensation)	10% to 90% (Non-Condensation)
<b>STORAGE TEMPERATURE</b>	-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° F to 140° F (-20° C to 60° C)
<b>VESA MOUNT</b>	75 mm x 75 mm	100 mm x 100 mm	100 mm x 100 mm	100mm x 100mm	100 mm x 100 mm	100 mm x 100 mm
<b>DIMENSION (WxHxD)</b>	492.356 mm x 289.680 mm x 43.88 mm (19.38" x 11.40" x 1.73")	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")	614 x 400 x 250 mm (24.2" x 15.7" x 9.8")	540 mm x 418 mm x 227 mm (21.26" x 16.46" x 8.94")
<b>WEIGHT</b>	Gross weight: 8.4 lbs (3.8 kg) Net weight: 5.5 lbs (2.5 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: 14.44 lbs (6.55 kg) Net weight: 11.18 lbs (5.07 Kg)	Gross weight: 9.79 lbs (4.44 kg) Net weight: 7.56 lbs (3.43 kg)

## NETWORK SPEAKER

	
<b>MODEL</b>	DS-PA0103-B
<b>NETWORK INTERFACE</b>	10/100Base-TX self-adaptive network, RJ45 interface
<b>NETWORK PROTOCOL</b>	TCP, UDP, RTP, ARP, ICMP, DHCP, DNS, IGMP, HTTP
<b>AUDIO PROTOCOL</b>	MP3, G.711a/u, G.722
<b>STORAGE</b>	Micro SD Card, up to 32 GB
<b>MIC INPUT</b>	0.2 Vrms
<b>SPEAKER OUTPUT</b>	8 Vrms
<b>POWER</b>	PoE (IEEE 802.3af)
<b>POWER CONSUMPTION</b>	< 1 W (without sound), maximum 13 W (producing sound)
<b>OPERATING TEMPERATURE</b>	-40°C to 60°C (-40°F to 140°F)
<b>PROTECTION LEVEL</b>	IP67
<b>CERTIFICATIONS</b>	EN 55022 Class B, EN 61000-6-1, EN 61000-6-2, EN 55024, EN 50121-4, IEC 62236-4, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24, IEC/EN/UL 60950-1, IEC/EN/UL 60950-22, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-64, IEC 60068-2-78, IEC/EN 60529 IP66, IEC/EN 60529 IP67, NEMA 250 Type 4X, CNS 13438
<b>DIMENSION</b>	Without bracket: 242 mm x 182 mm x 250 mm (9.53" x 7.17" x 9.84")
<b>WEIGHT</b>	Approx. 1.5 kg (3.31 lb.)



# 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.

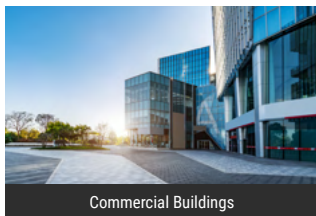
## FEATURES

- 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

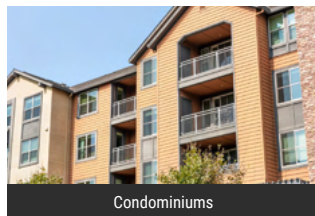
## APPLICATIONS



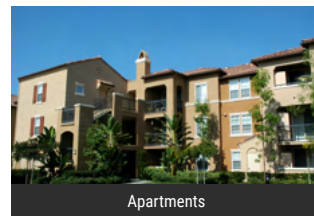
Single Family Homes



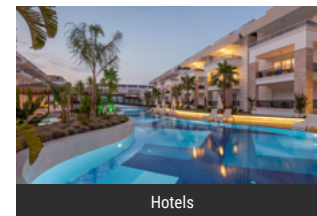
Commercial Buildings



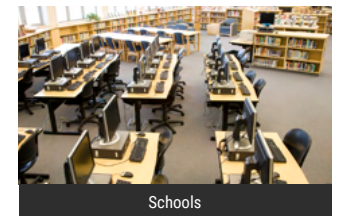
Condominiums



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

### 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 STATION	IP VIDEO INTERCOM EXPANDABLE DOOR STATION		IP VIDEO INTERCOM	TWO-WIRE VIDEO INTERCOM EXPANDABLE DOOR STATION	IP VIDEO INTERCOM 1-TENANT DOOR STATION	IP VIDEO INTERCOM 2-TENANT DOOR STATION	IP VIDEO INTERCOM 4-TENANT DOOR STATION
								
<b>MODEL</b>	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
<b>MOBILE CALLING</b>	Calls Hik-Connect app independently and also works with an indoor station.	<ul style="list-style-type: none"> <li>• Calls indoor stations</li> <li>• Calls Hik-Connect mobile app via indoor station</li> </ul>		<ul style="list-style-type: none"> <li>• Calls indoor stations</li> <li>• Calls Hik-Connect mobile app via indoor station</li> </ul>	<ul style="list-style-type: none"> <li>• Calls indoor stations</li> <li>• Calls Hik-Connect mobile app via indoor station</li> </ul>	<ul style="list-style-type: none"> <li>• Calls indoor stations</li> <li>• Calls Hik-Connect mobile app independently and also works with an indoor station with latest firmware.</li> </ul>	<ul style="list-style-type: none"> <li>• Calls indoor stations</li> <li>• Calls Hik-Connect mobile app via indoor station</li> </ul>	<ul style="list-style-type: none"> <li>• Calls indoor stations</li> <li>• Calls Hik-Connect mobile app via indoor station</li> </ul>
<b>CAMERA</b>	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
<b>NIGHT VISION</b>	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
<b>VIDEO COMPRESSION</b>	H.264	H.264		H.264	H.264	H.264	H.264	H.264
<b>PHYSICAL BUTTONS</b>	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
<b>INTERNAL CARD READER</b>	-	-		-	-	Mifare Card Reader	Mifare Card Reader	Mifare Card Reader
<b>LOCK RELAY</b>	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
<b>AUDIO I/O</b>	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
<b>MAX. EXTENSIONS</b>	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
<b>NETWORK PROTOCOL</b>	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
<b>NETWORK INTERFACE</b>	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)
<b>MODULE I/O</b>	-	1		1	1	Supports SDHC 128 GB Max.	Supports SDHC 128 GB Max.	Supports SDHC 128 GB Max.
<b>TAMPER ALARM</b>	-	Yes		Yes	Yes	Yes	Yes	Yes
<b>SENSOR/ALARM INPUTS</b>	1	4		4	4	4	4	4
<b>POWER REQUIREMENTS (MAX.)</b>	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
<b>WORKING TEMPERATURE</b>	-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)
<b>RATINGS</b>	UL, IK9, IP65	UL, IP65		UL, IP65	UL, IP65	UL, IP65, IK08	UL, IP65, IK08	UL, IP65, IK08

**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**



<b>MODEL</b>	DS-KH9510-WTE1	DS-KH8350-WTE1	DS-KH6320-WTE1	DS-KH6320-WTE2	DS-KC001 (Desk Stand Included)
<b>MOBILE CALLING</b>	<ul style="list-style-type: none"> <li>• Calls other indoor stations</li> <li>• Relays door station call to Hik-Connect mobile app</li> <li>• Calls iVMS-4200 Center</li> </ul>	<ul style="list-style-type: none"> <li>• Calls other indoor stations</li> <li>• Relays door station call to Hik-Connect mobile app</li> <li>• Calls iVMS-4200 Center</li> </ul>	<ul style="list-style-type: none"> <li>• Calls other indoor stations</li> <li>• Relays door station call to Hik-Connect mobile app</li> <li>• Calls iVMS-4200 Center</li> </ul>	<ul style="list-style-type: none"> <li>• Calls other indoor stations</li> <li>• Relays door station call to Hik-Connect mobile app</li> <li>• Calls iVMS-4200 Center</li> </ul>	-
<b>DISPLAY</b>	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
<b>VIDEO COMPRESSION</b>	H.264	H.264	H.264	H.264	-
<b>PHYSICAL BUTTONS</b>	-	1 Unlock Button	-	-	-
<b>AUDIO OUTPUT</b>	Microphone/Speaker	Microphone/Speaker	Microphone/Speaker	Microphone/Speaker	Microphone/Speaker
<b>MAX. EXTENSIONS</b>	5 Indoor Extensions	5 Indoor Extensions	5 Indoor Extensions	5 Indoor Extensions	-
<b>NETWORK PROTOCOL</b>	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
<b>NETWORK INTERFACE</b>	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)
<b>MICRO SD CARD SLOT</b>	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
<b>SENSOR/ALARM INPUTS</b>	8	8	8	8	-
<b>POWER REQUIREMENTS (MAX.)</b>	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)
<b>WORKING TEMPERATURE</b>	-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)
<b>RATINGS</b>	UL	UL	UL	UL	UL
<b>DIMENSION (H×W×D)</b>	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	TWO-WIRE VIDEO INTERCOM	TWO-WIRE VIDEO INTERCOM	TWO-WIRE VIDEO INTERCOM
	Name Tag Module	Keypad Module	Card Reader Module	Display Module	Blank Module	Surface Mount Brackets	Flush Mount Brackets			
										
<b>MODEL</b>	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-ACF1/Plastic DS-KD-ACF2/Plastic DS-KD-ACF3/Plastic	DS-KAD706-P	DS-KAD706-SP	DS-KAD709
<b>HOW TO BUILD YOUR INTERCOM</b>	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.				
<b>CAMERA</b>	-	-	-	-	-	-	-			
<b>VIDEO COMPRES-SION</b>	-	-	-	-	-	-	-			
<b>CALL BUTTONS</b>	6 with Name Tag	Dial up to 500 Room Numbers	-	Dial up to 500 Room Numbers	-	-	-			
<b>KEYPAD</b>	-	Yes (calling and code access)	-	-	-	-	-			
<b>INTERNAL CARD READER</b>	-	-	Mifare Card Reader	-	-	-	-			
<b>LOCK RELAY</b>	-	-	-	-	-	-	-			
<b>MAX. EXTEN-SIONS</b>										
<b>NETWORK PROTO-COL</b>	-	-	-	-	-	-	-			
<b>NETWORK INTER-FACE</b>	-	-	-	-	-	-	-			
<b>MODULE I/O</b>	2	2	2	2	-	-	-	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	-
<b>TAMPER ALARM</b>	-	-	-	-	-	-	-			
<b>SENSOR/ALARM INPUTS</b>	-	-	-	-	-	-	-			
<b>POWER REQUIRE-MENTS (MAX.)</b>	Powered by main module, ≤2 W	Powered by main module, ≤2 W	Powered by main module, ≤2 W	Powered by main module, ≤3W	-	-	-	24 VDC < 9 W (Included)	24 VDC < 7 W (Included)	24 VDC, ≤4 W, Includes 24 VDC 2.5 A DC Adapter
<b>WORKING TEM-PERATURE</b>	=-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)	-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)
<b>RATINGS</b>	IP65	IP65, IK7	IP65	IP65	IP65	-	-	UL 60950	UL 60950	UL 60950
<b>DIMENSION (H×W×D)</b>	98.2×100.2×33.7 mm (3.87×3.95×1.33 in)	98.5×100×34.2 mm (3.88×3.94×1.35 in)	98.5×100×33.7 mm (3.88×3.94×1.33 in)	98.5×100×34.2 mm (3.87×3.95×1.33in)	98.5×100×33.7 mm (3.87×3.95×1.33in)	117×107×32.7 mm (4.61×4.21×1.29 in) 219×107×32.7 mm (8.62×4.21×1.29 in) 321×107×32.7 mm (12.6×4.21×1.29 in)	134×134×56 mm (5.28×5.31×2.2 in) 237×134×56 mm (9.33×5.27×2.2 in) 338.8×134×56 mm (13.33×5.28×2.2 in)	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)
<b>MODEL</b>										
<b>MOBILE CALLING</b>								• 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.
<b>MAX. EXTENSIONS</b>								15 DS-KAD706-P Cascade	-	2 Door Stations, 5 Indoor Stations
<b>NETWORK PROTOCOL</b>								10/100 Mbps TCP/IP, RTSP	10/100 Mbps TCP/IP, RTSP	10/100 Mbps TCP/IP
<b>NETWORK INTERFACE</b>								1, RJ45 (1-ch reserved terminal and 1 for WAN access)	1, RJ45 (1-ch reserved terminal and 1 for WAN access)	RJ45×1 Two-Wire×9
<b>MODULE I/O</b>										
<b>POWER REQUIREMENTS (MAX.)</b>										
<b>WORKING TEMPERATURE</b>										
<b>RATINGS</b>										
<b>DIMENSION (H×W×D)</b>										

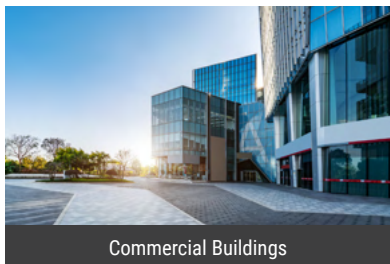
# Access Control Solutions

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 and license-based HikCentral Management System. 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 verification.

## FEATURES

- Bundled with iVMS-4200 and HikCentral software to manage users, permission, and rules for the system
- Supports Wiegand protocol readers and RS485 protocol which uses simpler wiring and permits longer transmission distances
- 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



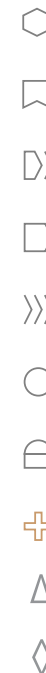
Apartments



Warehouses





Schools





## NETWORK ACCESS CONTROLLER

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

			
<b>SECTION</b>	DS-K1T671X Accessories	DS-K1T671TM-3XF Accessories	DS-K1T671M(-F) Accessories
<b>MODEL</b>	DS-KAB671-B	DS-DM0701BL	DS-KAB671-S
<b>MATERIAL</b>	Cold-Rolled Steel Plate (SPCC)	Cold-Rolled Steel Plate (SPCC)	PC
<b>WEIGHT</b>	6.7 kg (14.8 lb)	2.2 ± 0.5 kg (4.85 ± 1.1 lbs)	172 g (0.4 lb)
<b>DIMENSION (HXWXD)</b>	98.5 mm × 1342 mm × 225 mm (3.9" × 52.8" × 8.9")	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")

## ACCESS CONTROL TERMINAL

## TOUCHLESS ACCESS CONTROL TERMINAL

## TOUCHLESS ACCESS CONTROL TERMINAL

## VIDEO INTERCOM TERMINAL

## TIME ATTENDANCE TERMINAL

					
<b>MODEL</b>	DS-K1T671M	DS-K1T671TM-3XF	DS-K1T341BMW-T	DS-K1T500S	DS-K1T804BMF
<b>CARD READER</b>	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare
<b>TEMPERATURE MEASUREMENT MEASURE</b>	-	Vanadium Oxide uncooled sensor	Vanadium Oxide uncooled sensor		
<b>TEMPERATURE MEASUREMENT RANGE</b>	-	30 °C to 45 °C (86 °F to 113 °F)	30 °C to 45 °C (86 °F to 113 °F)		
<b>TEMPERATURE MEASURING DISTANCE</b>	-	0.3 to 2.0 m (0.98 to 6.5 ft)	0.3 to 1.0 m (0.98 to 3.3 ft)		
<b>CARD NUMBER CAPACITY</b>	6,000	50,000	5,000	50000	3000
<b>MAX EVENT CAPACITY</b>	50,000	100,000	100,000	200000	100000
<b>BIOMETRICS</b>	ID Authentication	ID Authentication	ID Authentication	DS-K1T500S: N/A DS-K1T501SF: Fingerprint	Fingerprint
<b>FINGERPRINT CAPACITY</b>	-	-	-	-	3000
<b>CAMERA</b>	2 MP Dual-Lens Camera, WDR	2 MP Dual-Lens Camera, WDR	2 MP Dual-Lens Camera	2 MP for Intercom & Recording	-
<b>SUPPORT SD CARD</b>	-	-	-	Max. 128G	-
<b>INPUT INTERFACE</b>	1x Lock Relay, 1x Alarm Output	1x Lock Relay, 1x Alarm Output	1x Lock Relay	Door Magnetic Sensor x1 Alarm Input x2 Tamper Alarm x1 Exit Button x1	Exit Button x1 Door Sensor x1 Alarm Input x1
<b>OUTPUT INTERFACE</b>	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 Alarm Output x1
<b>PROTECTION LEVEL</b>	IP65	Indoor and windless environment use only	Indoor and windless environment use only	IP65	-
<b>COMM. INTERFACE UPLINK</b>	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)
<b>COMM. INTERFACE DOWNLINK</b>	Wiegand26/34, RS-485	Wiegand26/34, RS-486	Wiegand26/34, RS-486	RS-485	Wiegand26/34, RS-485
<b>DISPLAY SCREEN</b>	7 in LCD Touch Screen	7 in LCD Touch Screen	4.3 in LCD Touch Screen	-	2.4 in 320x240 TFT LCD
<b>LOCAL INPUT</b>	Touchscreen	Touchscreen	Touchscreen	-	Keypad
<b>AUDIO</b>	-	-	-	Two-Way Audio	Speaker for voice prompt
<b>RATINGS</b>	UL, IP65	UL	-	UL, IP65	UL, IP42
<b>TAMPERING/DURESS ALARM</b>	Yes	Yes	Yes	No	Yes
<b>WORKING TEMPERATURE</b>	-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)	-40 to 70 °C (-40 to 158 °F)	-10 to 55 °C (14 to 131 °F)
<b>POWER REQUIREMENTS (MAX.)</b>	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, 1 A	12 VDC, 2 A
<b>ACCESSORIES</b>	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

### MIFARE CARD READER

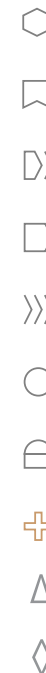


	DS-K1102AM DS-K1102AMK	DS-1104MK	DS-K1107AM DS-K1107AMK	DS-K1201AMF	DS-K182HP	DS-K170HPK
<b>MODEL</b>	DS-K1102AM DS-K1102AMK	DS-1104MK	DS-K1107AM DS-K1107AMK	DS-K1201AMF	DS-K182HP	DS-K170HPK
<b>CARD TYPE</b>	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare	125 KHz Prox	125 KHz Prox
<b>COMM. INTERFACE</b>	Wiegand 26/34, RS-485	Wiegand 26/34, RS-485	Wiegand 26/34, RS-485	RS-485	Wiegand 26	Wiegand 26
<b>BIOMETRICS</b>	-	-	-	Fingerprint	-	-
<b>FINGERPRINT CAPACITY</b>	-	-	-	5000	-	-
<b>RS-485 ID SETTINGS</b>	DIP Switch	DIP Switch	DIP Switch	DIP Switch	-	-
<b>KEYPAD</b>	DS-K1102M: N/A DS-K1102MK: Yes	DS-K1104M: N/A DS-K1104MK: Yes	DS-K1107M: N/A DS-K1107MK: Yes	-	-	Yes
<b>WORKING TEMPERATURE</b>	-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)
<b>PROTECTION LEVEL</b>	UL, IP64	UL, IP65, IK10	UL, IP65	UL, IP65	UL 294 ETL Listed, IP67	UL 294 ETL Listed, IP67
<b>INSTALLING</b>	Single Gang Box	Single Gang Box	Mullion	Single Gang Box	Mullion	Mullion
<b>POWER SUPPLY</b>	12 VDC	12 VDC	12 VDC	12 VDC ±10%	5 to 16 VDC	5 to 16 VDC

### WALK-THROUGH DETECTOR



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



**EXIT BUTTON**

**EXIT BUTTON**

**EMERGENCY BREAK GLASS**



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

**MAGNETIC LOCK**



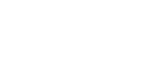
**MAGNETIC LOCK**



**LZ BRACKET**



**U BRACKET**



**ELECTRIC BOLT**

	DS-K4H250D	DS-K4H250S	DS-K4H250-LZ	DS-K4H250-U	DS-K4T100
<b>MODEL</b>	DS-K4H250D	DS-K4H250S	DS-K4H250-LZ	DS-K4H250-U	DS-K4T100
<b>MAXIMUM THRUST</b>	300 kg (660 lb) ×2	300 kg (660 lb)	300 kg	300 kg	800 kg
<b>POWER REQUIREMENTS</b>	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)
<b>SIGNAL OUTPUT</b>	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
<b>LED INDICATOR</b>	Red & Green	Red & Green	-	-	-
<b>SUITABLE DOOR</b>	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
<b>WORKING TEMPERATURE</b>	-10 to 55 °C (14 to 131 °F)	-10 to 55 °C (14 to 131 °F)	-	-	-10 to 55 °C (14 to 131 °F)
<b>WEIGHT</b>	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)
<b>DIMENSIONS</b>	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)

**MIFARE CARD (25-PACK)**



**MIFARE KEY FOB (25-PACK)**



**PROXIMITY CARD (25-PACK)**



**PROXIMITY KEY FOB (25-PACK)**



	ICS50-25	DS-K7M102-M	DS-K7M151-P	DS-K7M153-P
<b>MODEL</b>	ICS50-25	DS-K7M102-M	DS-K7M151-P	DS-K7M153-P
<b>SENSING FREQUENCY</b>	13.56 MHz	13.56 MHz	125 kHz	125 kHz
<b>CARD FORMAT</b>	Mifare	Mifare	Prox	Prox
<b>WORKING TEMPERATURE</b>	-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)
<b>DIMENSION</b>	85.5×54×0.8 mm	26×50×4 mm	56×86×1.5 mm	30×38×3.8 mm

**CARD ENROLLMENT**



**FINGERPRINT ENROLLMENT**



	DS-K1F100-D8E	DS-K1F820-F
<b>MODEL</b>	DS-K1F100-D8E	DS-K1F820-F
<b>CARD READING FREQUENCY</b>	13.56 MHz and 125 KHz	N/A
<b>SUPPORTED CARD FORMATS</b>	Mifare and EM	N/A
<b>INTERFACE</b>	USB 2.0	USB 2.0
<b>PLUG AND PLAY</b>	Yes (Windows)	Yes (Windows)
<b>ENCRYPTION</b>	Yes	Yes
<b>POWER REQUIREMENTS</b>	USB, 200 mA	USB, 200 mA
<b>WORKING TEMPERATURE</b>	-20 to 65 °C (4 to 149 °F)	-30 to 70 °C (-22 to 158°F)
<b>RATINGS</b>	UL 60950	UL 60950
<b>DIMENSIONS</b>	117×67.5×14.3 mm (4.61×2.66×0.56 in)	100×48.5×35 mm (3.94×1.89×1.38 in)

**TERMINAL SECURING UNIT**



	DS-K2M061
<b>MODEL</b>	DS-K2M061
<b>FUNCTION</b>	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.
<b>TERMINAL COMMUNICATION INTERFACE</b>	RS-485 with Indicator
<b>INPUT / OUTPUT INTERFACE</b>	Exit Button ×1, Lock ×1, Door Sensor ×1, Alarm Out ×1 and Wiegand ×1
<b>SUPPORTED MODELS</b>	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
<b>POWER REQUIREMENTS</b>	12 VDC
<b>WORKING TEMPERATURE</b>	-30 to 55 °C
<b>RATINGS</b>	FCC, CE, UL 60950
<b>DIMENSIONS</b>	115×48×25 mm (4.53×1.89×0.98 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.





						
<b>MODELS</b>	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-2XM6756G0-IM/ND(2.8mm) (6MP) DS-2XM6756G0-IM/ND(2.0mm) (6MP)	DS-2XM6222G0-IM/ND(4mm) DS-2XM6222G0-I/ND(4mm) DS-2XM6222G0-I/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-VC124T-IT(2.1mm)
<b>CAMERA TYPE</b>	Interior Camera, Network	Exterior Camera, Network	Exterior Side View Camera, Network	People Counting Camera, Network	Interior Camera, Analog	Exterior Camera, Analog
<b>NETWORK INTERFACE</b>	RJ45 or M12	RJ45 or M12	RJ45 or M12	RJ45 or M12	Analog, Aviation Port	Analog, Aviation Port
<b>MEGAPIXELS</b>	2MP/6MP	2MP	2MP	2MP	1MP	1MP
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</b>	2MP: 1/2.8" 6MP: 1/2.9"	1/2.7"	1/2.8"	1/2.8"		
<b>MIN ILLUMINATION (LUX)</b>	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	0.1 Lux @ (F1.2, AGC ON) , 0 Lux with IR
<b>LENS (FOV H X V)</b>	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°		
<b>DAY/NIGHT, BLC, WDR</b>	2MP: True, Yes, 120 dB 6MP: True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB		
<b>IR RANGE MAX (METERS)</b>	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)
<b>VIDEO COMPRESSION</b>	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		
<b>MAX IMAGE RESOLUTION (PIXELS) &amp; FRAME RATE</b>	2MP: (1920 x 1080), 30 6MP: (3072 x 2048), 20	2 MP: (1920 x 1080), 30	2 MP: (1920 x 1080), 30	2 MP: (1920 x 1200), 30		
<b>AUDIO INPUT/OUTPUT</b>	YES	No	No	YES	1-ch audio output interface(Aviation plug)	
<b>ALARM INPUT/OUTPUT</b>	No	No	No	No	No	No
<b>INTELLIGENT FUNCTIONS (DEEP LEARNING ALGORITHM)</b>	No	No	No	No	No	No
<b>RATINGS</b>	P67, IK10, UL Listed	P67, UL Listed	P68, IK10, UL Listed	P66, IK08, UL Listed		IP68
<b>OPERATING TEMPERATURE RANGE</b>	-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)	-30 °C to 70 °C (-22°F to 158° F)
<b>POWER REQUIREMENTS (MAX)</b>	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	2.5W MAX
<b>STANDARDS</b>	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

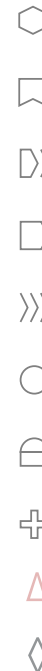


### BODY WORN CAMERA



<b>MODEL</b>	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)
<b>VIDEO COMPRESSION</b>	H.264, H.265	H.264, H.265	H.264, H.265	H.264, H.265
<b>VIDEO OUTPUT</b>	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)
<b>AUDIO OUTPUT</b>	1, integrated in AVOUT of EXT.DEV interface	1, integrated in AVOUT of EXT.DEV interface	1	1
<b>ALARM INPUT/OUTPUT</b>	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
<b>HDD/SSD</b>	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
<b>SD CARD</b>			1 × SD card, up to 256 GB	1 × SD card, up to 256 GB
<b>POSITIONING</b>	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
<b>POE INTERFACE</b>	RJ45 Version: 4 × RJ45 PoE interface M12 Version: 4 × M12 PoE interface	/	RJ45 Version: 8 × RJ45 PoE interface M12 Version: 8 × M12 PoE interface	/
<b>POE BUDGET</b>	45 W	/	51 W	/
<b>NETWORK INTERFACE</b>	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
<b>POWER SUPPLY</b>	9 to 32 VDC	9 to 32 VDC	9 to 32 VDC	9 to 32 VDC
<b>POWER CONSUMPTION</b>	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
<b>OPERATION TEMPERATURE RANGE</b>	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)

<b>MODEL</b>	DS-MCW405/32G/GPS/WIFI
<b>RECORD RESOLUTION</b>	1080p/25fps, 720p/25fps
<b>ENCODING FORMAT</b>	H.265/H.264
<b>SATELLITE POSITIONING</b>	GPS
<b>FOV</b>	Horizontal FOV: 117° Vertical FOV: 60° Diagonal FOV: 140°
<b>GEO-TAGGING CAPABILITY</b>	Yes
<b>LOW LIGHT FUNCTIONALITY (NIGHT RECORDING)</b>	IR light
<b>IP LEVEL</b>	IP67
<b>BATTERY RUNTIME</b>	10 hours @ 1080p recording 12 hours @ 720P recording
<b>BATTERY CHARGE TIME FROM EMPTY TO FULL CHARGE</b>	3.5 hours
<b>INTERNAL DEVICE STORAGE</b>	32G
<b>TF CARD SLOT</b>	No
<b>PRE-RECORD/POST-RECORD</b>	60s
<b>ONE TOUCH RECORD (OR OTHER AUTOMATED RECORD ACTIVATION TRIGGERS) &amp; ALWAYS-ON RECORDING CAPABILITY</b>	Yes
<b>CONFIGURABLE AUTOMATED RECORD TRIGGERS</b>	Yes, need FW will support
<b>G-SENSOR</b>	No
<b>RUGGEDIZED DESIGN</b>	Yes
<b>WORKING TEMPERATURE</b>	-20 to 55 °C (-4 to 131 °F)
<b>CERTIFICATIONS</b>	CE/FCC
<b>WEIGHT</b>	120g



## BWC DOCKING STATION W/ STORAGE



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

## DASHCAM



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

## MICROPHONE



<b>MODEL</b>	DS-2FP2020
<b>TYPE</b>	HiFi Microphone
<b>FREQUENCY RESPONSE</b>	20Hz~20KHz
<b>PICKUP RANGE/ DIRECTION</b>	70 m2 / 360°
<b>SIGNAL: NOISE</b>	60 dB
<b>DYNAMIC RANGE</b>	70 dB
<b>OUTPUT IMPEDANCE</b>	600 ohm unbalanced
<b>CONNECTIONS</b>	3 wires (Power, Audio out, GND)
<b>CONSTRUCTION</b>	PVC
<b>DIMENSIONS</b>	Φ78mm×28mm
<b>POWER REQUIREMENTS (MAX.)</b>	12 VDC / 25mA

## STORAGE PRODUCTS



<b>MODEL</b>	DS-A81016S	DS-A82024D	DS-A80624S
<b>CONTROLLER/PROCESSOR</b>	Single, 64-bit multi-core processor	Double, 64-bit multi-core processor	Single, 64-bit multi-core processor
<b>HIGH-SPEED BUFFER</b>	4 to 32 GB	8 GB (extendable to 32 GB)	4 to 32 GB
<b>VIDEO INPUT/OUTPUT</b>	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)
<b>HDD SLOT</b>	16	24	24
<b>HDD INTERFACE</b>	SATA/Up to 12 TB	SSD (optional), SAS/Up to 12 TB	SATA/Up to 12 TB
<b>HOT-SWAP DISK</b>	Supported	Supported	Supported
<b>RAID LEVEL</b>	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
<b>DATA PROTECTION</b>	Real-time backup of system information	Real-time backup of system information	Real-time backup of system information, LUN clone
<b>NETWORK PROTOCOL</b>	RTSP / ONVIF / PSIA / iSCSI	RTSP / ONVIF / PSIA / iSCSI	RTSP / ONVIF / PSIA / iSCSI
<b>EXTERNAL DATA PORT</b>	3×1000M Ethernet interface	4×1000M self-adaptive Ethernet interface	3×1000M Ethernet interface
<b>MANAGEMENT PORT</b>	1, 1000M Ethernet interface	1×100M self-adaptive Ethernet interface	1, 1000Mbps Ethernet interface
<b>POWER SUPPLY</b>	Redundant	Redundant	Redundant
<b>POWER CONSUMPTION</b>	Working: ≤308 W (967 BTU with 16 HDDs) Rating Power Consumption: ≤550W	Working Consumption: ≤ 507 (with HDD) Rating Power Consumption: ≤800W	Working Consumption: ≤ 430 (with HDD) Rating Power Consumption: ≤800W
<b>TEMPERATURE</b>	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)
<b>CHASSIS</b>	3U	4U	4U

## STORAGE EXPANSION




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





## MICROSD CARD

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

## KEYBOARD

				
<b>MODEL</b>	DS-1005KI	DS-1006KI	DS-1600KI	DS-1200KI
<b>RS-485</b>	No	Yes	No	Yes
<b>USB</b>	Yes	Yes	Yes	Yes
<b>INTERFACE PORT</b>	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
<b>CONTROL</b>	Serial	Serial	Network,Wifi	Serial/Network
<b>AUDIO</b>	N/A	N/A	1-ch Two-way Audio Input 1-ch Audio Output	N/A
<b>DECODING</b>	N/A	N/A	Local live view at 1080P/720P/HD1/BC1F/ CIF/QCIF resolution, and up to 16-division window display	N/A
<b>LCD SCREEN</b>	N/A	128×64 pixel	10.1" TFT LCD Touch Screen 1024×600 pixel	128×64 pixel
<b>JOYSTICK</b>	3-Axis	4-Axis	4-Axis	4-Axis
<b>RESOLUTION</b>	N/A	N/A	N/A	N/A
<b>NETWORK</b>	N/A	N/A	10M/100M/1000M Adaptive Ethernet port	10 M/100 Mbps self-adaptive Ethernet interface
<b>POWER REQUIREMENTS</b>	5 VDC via USB (≤5 W)	12 VDC (≤4.5W)	12 VDC /POE(≤15 W)	12 VDC(≤ 4.5 W)

## HD-TVI MONITOR



## BALUN




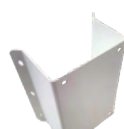












<b>MODEL</b>	DS-TT-X41T	DS-1H18S/E
<b>DESCRIPTION</b>	Multifunction Video Tester, test a variety of video signals, including TurboHD, HDMI, CVBS, and VGA.	Unshielded twisted pair (UTP) Baluns
<b>TYPE</b>	Surveillance Grade Hard Drives	
<b>INTERFACE</b>	SATA	
<b>CLASSIFICATION</b>	Audio/Video	
<b>OPERATION</b>	24/7 continuous	

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




## PTZ BRACKETS

														
<b>BRACKET</b>	WMP-S	WMP-L	WMP-MPZ	CMP	PMP	JBPW-L	CMP-JB	PMP-JB	PML	CMPL	CPM-S	CPM-L	CPMPE	PMP-V
<b>DESCRIPTION</b>	Short wall mount for 4" PTZ	Wall Mount PTZ-Long	Wall Mount for DS-2DE2AXX series	Corner Mount Adapter WMP-S and WMP-L	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

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

											
<b>BRACKET</b>	RPM	JBPW-L-G	CMP-JB-G	PMP-JB-G	CPM-S-G	CPM-L-G	CPMPE-G	PMP-V-G	RPM-G	WBPT-S	WBPT
<b>DESCRIPTION</b>	Roof Parapet Mount	PTZ Junction box with wall bracket (gray)	Corner Mount for JBPW-L-G (gray)	Pole Mount for JBPW-L-G (gray)	Short Ceiling Pendant Mount (gray)	Long Ceiling Pendant Mount-Long	Ceiling Pendant Mount, extension pipe 1.5" diameter (gray)	Vertical Pole Mount for CPM-S/L (gray)	Roof Parapet Mount (gray)	Wall Mount for DS-2DY9xxx Series Upright PTZs	Wall Mount for DS-2DY5223IW-AE Upright PTZ

## CAMERA BRACKETS

												
<b>BRACKET</b>	PC110	PC110T	PC120	PC130	PC130T	PC135	PC135H	PC140	PC140PT	PC155	PC160	PC165
<b>DESCRIPTION</b>	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

			
<b>BRACKET</b>	PC210	PC-DE4A	PC-FE
<b>DESCRIPTION</b>	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

		
<b>BRACKET</b>	CHB	CHB-HB
<b>DESCRIPTION</b>	Camera Housing with Bracket	CHB-HB (Camera Housing w Bracket, Heater, Blower)

## BOX CAMERA BRACKETS

				
<b>BRACKET</b>	WBS	WBL	PP1	PP2
<b>DESCRIPTION</b>	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













## STAINLESS STEEL BRACKETS

					
<b>BRACKET</b>	WMP-SS	CPM-SS	WMS-SS	JBM-SS	WB-XC
<b>DESCRIPTION</b>	Pendant Wall Mount for DS-2DT6223-AELY	Pendant Ceiling Mount for DS-2DT6223-AELY	Pendant Wall Mount for DS-2CD6626DS-IZHS	Medium Junction Box	Wall Bracket for XC Series SS Dome

## CAMERA BRACKETS

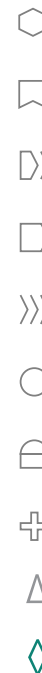
														
<b>BRACKET</b>	CBXS / CBXSB	CBS / CBSB	CBM / CBMB	CBD-MINI	CBT-1	CB110	CB-130	CB-130T	CB135	CB155	CB140PT	CB165	CB-DE4A	CB-FE
<b>DESCRIPTION</b>	Conduit Base	Conduit Base	Conduit Base	Conduit Base	Conduit Base	Conduit Base	Conduit Base	Conduit Base	Conduit Base	Conduit Base	Conduit Base for DS-2DE3304W-DE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

## CAMERA BRACKETS

												
<b>BRACKET</b>	AB110 / AB110B	AB135 / AB135B	AB165	AB-FE	AB-FE2	AB-FE45	ABS	ABM	CM6810	RCM-1	RCM-2	RCM-3
<b>DESCRIPTION</b>	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

							
<b>BRACKET</b>	RCM-4	RCM-5	RCM-DE4A	WM-C	WM110	WM6810	GP100





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