

# VIDEO, SECURITY & BEYOND



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# About Hikvision

## Driving Innovation

Hikvision continues to deliver cost-effective, innovative technological advances to the marketplace to expand security capabilities, supporting dealers and protecting end users and the community. From our unique TandemVu cameras featuring 24/7 ColorVu full-color technology with a bullet and PTZ in one unit, to AI-driven cameras with advanced analytics such as multi-target detection, perimeter protection, license plate recognition, and more, we continue the rapid expansion of our portfolio. This includes a wide range of ColorVu cameras, like our analog and IP camera kits, and industry-leading Smart Hybrid Light Cameras. Our robust HikCentral VMS, PoE switches, and a broad selection of access control systems complement these products to provide "Video, Security and Beyond." Hikvision's strong team of professionals is here to support you and is backed up by new tools such as our dedicated YouTube technical support channel.





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Microphone / Storage / Micro SD Card / Keyboard / Camera Bracket / Balun / Hard Drives

# Smart Hybrid Light Cameras with ColorVu



Elevate your security with Hikvision's ColorVu Smart Hybrid Light Cameras, precisely engineered to enhance overall security performance across diverse lighting environments. This series enables you to experience the perfect blend of robust hardware, versatile software capabilities, and seamless integration with the Hikvision Embedded Open Platform (HEOP) for third-party applications.

Our innovative, intelligent technology delivers unparalleled reliability and scalability. Intelligent, adjustable lighting enables systems integrators and installers to unlock greater success in various markets. Discover how these formidable cameras can be a cost-effective, critical solution for your next installation. Unlock the full potential of Hikvision's ColorVu Smart Hybrid Light Cameras today and redefine security standards for tomorrow.

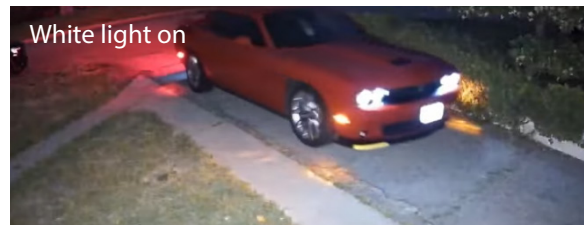
Immerse yourself in razor-sharp, high-definition imagery with resolutions up to 4K. Our innovative technology ensures consistently clear imaging, capturing every detail with absolute precision. Elevate your monitoring experience with extended full-color capabilities, providing an enhanced, vibrant visual experience like never before.

Select the perfect lighting mode tailored to your environment. Experience vibrant 24/7 full color, crisp IR (black and white), or adaptive Smart Mode. In Smart Mode, the camera remains in IR, intelligently switching to color imaging upon capturing critical event-triggered details. Elevate your installation with the ultimate versatility and precision.

## HOW SMART HYBRID LIGHT WORKS



In the absence of a vehicle or person, the camera uses only IR light.



When a vehicle or person is detected, white light is automatically triggered on, resulting in vivid color imaging with clear details.



Once the vehicle or person leaves, the cameras switch back to IR light automatically.

# Panoramic ColorVu

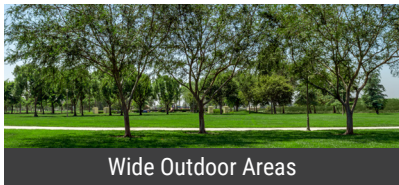


The Hikvision Panoramic Camera with ColorVu applies the pioneering, pixel-level image registration technology, which can prevent image loss, twisting, or distortion of the picture. With conventional image fusion algorithms, the image provides varying brightness and color rendition performance with an obvious seam. Hikvision's pioneering image fusion algorithm can process different lighting conditions for two lenses, providing a smooth and seamless fusion performance, perfect for displaying a complete, detailed color picture.

## FEATURES

- Outstanding 4K (5120×1440) UHD or 6 MP(3632 × 1632) Resolution Options with Dual Lens
- Delivers Image Clarity for Both Dark and Light Areas with 130 dB WDR
- Broad Views with 2 Fixed Focal Lens and 180° Horizontal View
- Gain Effective False Alarm Reduction with AcuSense 2.0 Technology
- Proactive Deterrence with Audio and Strobe Light Features

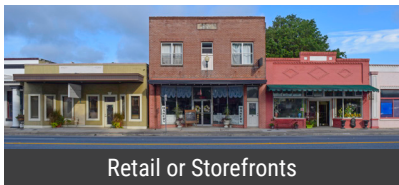
## APPLICATIONS



Wide Outdoor Areas



Large Warehouses



Retail or Storefronts



Parking Lots

# License Plate Recognition



## DOME LPR Camera iDS-2CD7547G0/P-XZHSY

Hikvision's 7-Series License Plate Recognition (LPR) Dome Cameras can identify vehicle license plates and direction, simplifying vehicle management for businesses and a range of other applications. Hikvision LPR cameras deliver full-color video and images thanks to its innovative ColorVu technology.

## FEATURES

- DeepinView
- High quality imaging with 4 MP resolution
- Excellent low-light performance via ColorVu technology
- Efficient H.265+ compression technology to save bandwidth and storage
- Clear imaging against strong back light due to 140 dB true WDR technology
- 5 streams to meet a wide variety of applications
- Water and dust resistant (IP67) and vandal proof (IK10)
- Unique PTRZ capability for efficient installation

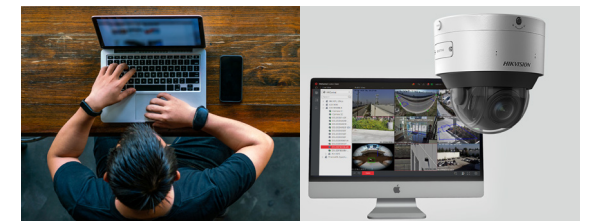
## SIMPLIFIED INSTALLATION & EASY MAINTENANCE

**Faster**  
Easily adjust the viewing angle remotely from the webpage

**Flexible**  
Motorized, long-range lens from 2.8-12mm

**Cost-efficient**  
Stable structure reduces maintenance costs

Remotely adjust the viewing angle on the webpage



# TandemVu PTZ

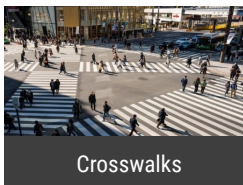
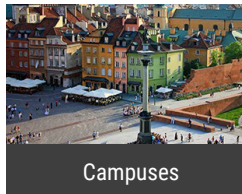


Hikvision TandemVu PTZ is an all-in-one design Industry-leading dual-screen splicing technology with Smart linkage ability. The TandemVu PTZ will quickly obtain details of the target in the panoramic view. Panoramic details are taken into account, the field of view is not lost after the PTZ is enlarged, and the overall situation can still be viewed through the global view. This greatly increases the field of the panoramic view. The camera and PTZ are combined at the factory, and installation only needs one time while the device requires only one IP address.

## FEATURES

- Captures a large area and specific details at the same time
- High-quality imaging with 4 MP or 6 MP resolution for bullet channel and 4 MP Resolution for PTZ
- 24/7 colorful imaging and excellent low-light performance with Power by DarkFighter or DarkFighter technology
- Panoramic channel tilt adjustable from 12° to 24° (Only 8-inch 190° TandemVu PTZ)
- Secures an expansive area with 25 x / 32 x / 42 x optical zoom and 16 x digital zoom
- Expansive night view with up to 30 m white light distance and up to 300 m IR distance
- Supports AcuSense and Deep learning functions respectively
- Water and dust-resistant (IP67) and vandal-resistant (IK10)

## APPLICATIONS



## ADVANTAGES OF THE INTEGRATED TANDEM VU DESIGN

- Cost Savings: 1 TandemVu PTZ camera = 1 bullet camera +1 PTZ + 1 strobe light + 1 audio alarm
- Easy Installation: One-time Installation saves labor cost and installation time
- Easy Maintenance: 1 IP address for management

## DEEPINVIEW TECHNOLOGY BRINGS INTELLIGENCE AND EFFICIENCY TO THE NEW 8-INCH PTZ

- Perimeter Detection: Distinguish persons or vehicles from other moving objects so as to trigger accurate perimeter trespass alarms.
- Multi-Target Type Detection: Support simultaneous detection of persons, faces, and vehicles along with their detailed features.

# Solar-Powered Security Camera System

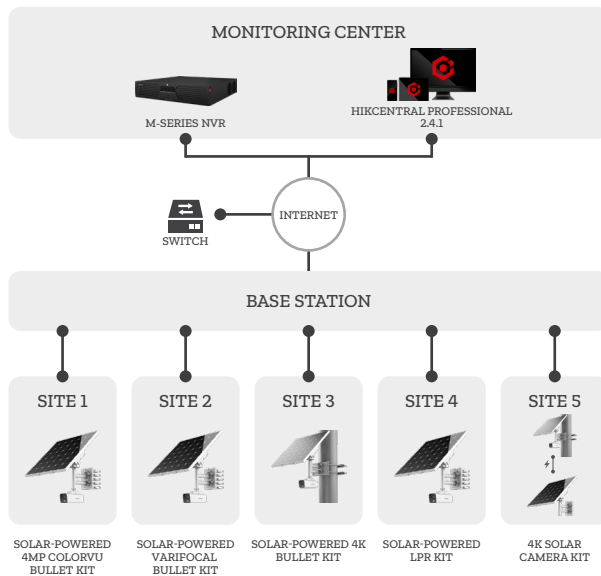


Many critical facilities and assets, such as farmland, parks, and other sprawling sites located in rural and hard-to-reach areas need video security, but cabling and other challenges make it difficult. Additionally, users are eager for a fast, flexible security solution with easy setup and removal in many temporary applications such as construction sites. Hikvision's integrated Solar-Powered Solution breaks free from power and network cables, providing a flexible and reliable resource to manage standalone sites, temporary applications, and more.

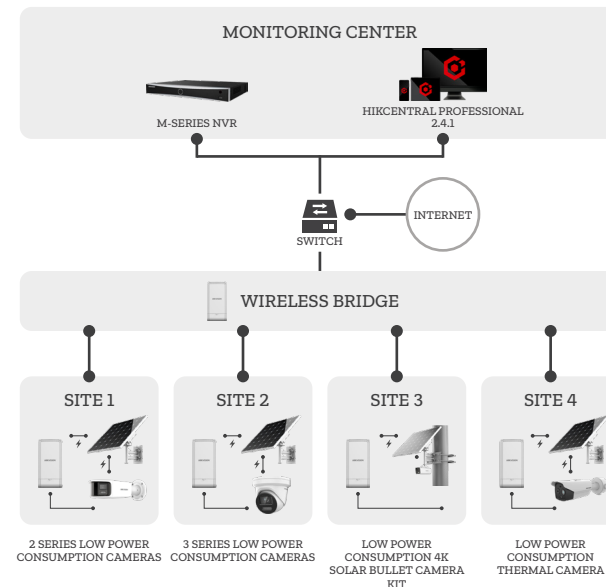
## BENEFITS

- Standalone wireless installation provides the flexibility to safeguard your home, geographically remote areas, or temporary sites
- All-inclusive system has complete set of components for mobility with a sturdy weatherproof design to withstand heavy rains and weather
- Environmentally sustainable and powered by the sun for daytime and night-time operation
- ColorVu cameras provide unmatched security by illuminating poorly lit areas and providing 24/7 full color imaging, reducing risk and improving safety
- Some models with the 2nd Gen AcuSense use a built-in algorithm to support multiple Video Content Analytics (VCAs) for human and vehicle classification to distinguish between humans, vehicles, and other objects to reduce false alarms up to 90%
- Some models are able to connect to the Wireless Bridge for data transmission (up to 9.3 miles or 15 km) without an extra data fee

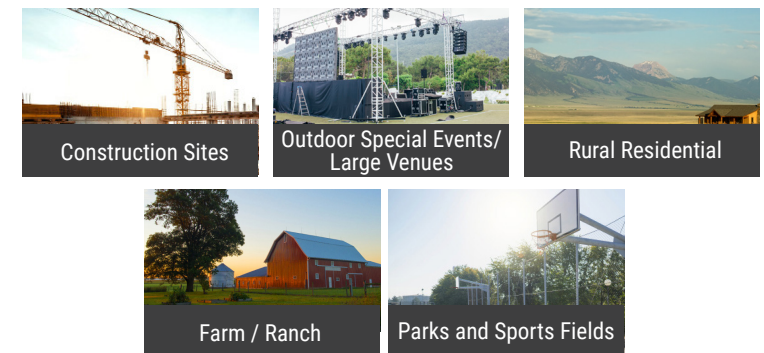
## SOLUTION TOPOLOGY



## WIRELESS SOLUTION TOPOLOGY



## APPLICATIONS



# PoE Network Switches

DS-3E1105P-EI DS-3E1318P-EI DS-3E0505HP-E DS-3E0520HP-E  
 DS-3E1309P-EI DS-3E1326P-EI DS-3E1510P-SI DS-3E1526P-SI DS-3E0510HP-E DS-3E0528HP-E  
 DS-3E1518P-SI DS-3E1552P-SI

\*\*Hi-PoE power supply only available in Hi-PoE Unmanaged Switches Series

\*\*Topology and direct camera pre-view with PTZ control only available in Smart Managed Switches Series

Hikvision PoE switches bring great convenience to security installation and monitoring management. Switches are optimized for video security and deliver intelligent features.

**Visual:** See health status, alerts, live views, and configuration from a simple dashboard.

**Powerful:** Up to 90W per port and distances up to 984 feet.

**Convenient:** Easy switch deployment saves time and money with simplified installation.

**Secure:** Auto-restart cameras once they are detected offline.

**Performance:** Rich management features such as VLANs, QoS, port bandwidth controls, and more deliver effective functionality.

## SI AND EI SMART MANAGED NETWORK SWITCHES

Hikvision SI and EI Smart Managed Switches offer unique features such as Visualized Topology, Network Health Monitoring, and Real-Time alarms with either iVMS-4200 or HikCentral. These features can greatly reduce network downtime, allowing network administrators to quickly isolate an issue and make 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
- POE Watchdog

# HikCentral Professional VMS

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

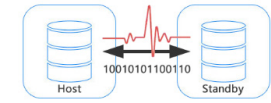
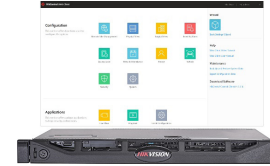
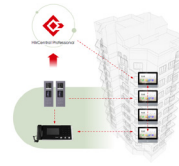
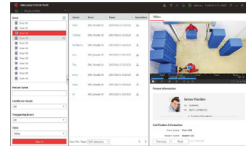


## FEATURES

- 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



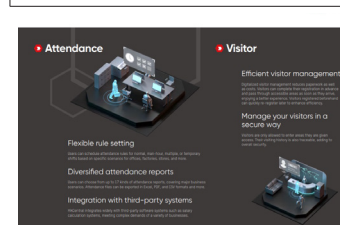
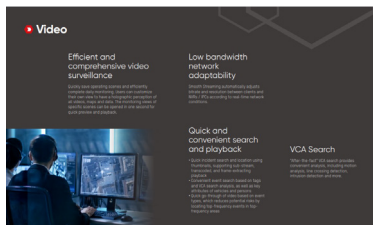
# HIKCENTRAL V 2.4.1



MODEL	HikCentral-P-Unified-Bundle HikCentral-VSS-Base/64Ch HikCentral-VSS-Base/300Ch HikCentral-VSS-Base/HW/64Ch (with server) HikCentral-VSS-Base/HW/300Ch (with 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, 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, 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 Access Points + 10 indoor stations	2 HikCentral CMS Servers	One Standby Server
CAMERA CHANNEL CAPACITY	3,000/Server 10000/server with E5 high performance	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.
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(Access Point)	HikCentral-RSM-1Site	Purchase Options (USBKEY1): 1 Year Warranty (USBKEY1): 3 Year Warranty
ADD-ON MODULES	Please visit: <a href="https://tools.hikvision.com/hcpOrderTool/?lan=en&amp;toolid=TS20220112252#/">https://tools.hikvision.com/hcpOrderTool/?lan=en&amp;toolid=TS20220112252#/</a> for license selection matching functions needed				

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-Module	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.

## 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
		Event Detection Task	64 Tasks
	Event Detection Task in One Group	64 Tasks	
	Video	Live View Channel	64-ch live view at a time on one screen
		Auxiliary Screen Preview	One main screen and 3 auxiliary screens for live view
		Playback	16-ch playback at a time
		Synchronous Playback	16-ch synchronous playback
	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	32
Security Control	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 Panel	16	
	Security Radar	8	

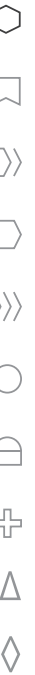
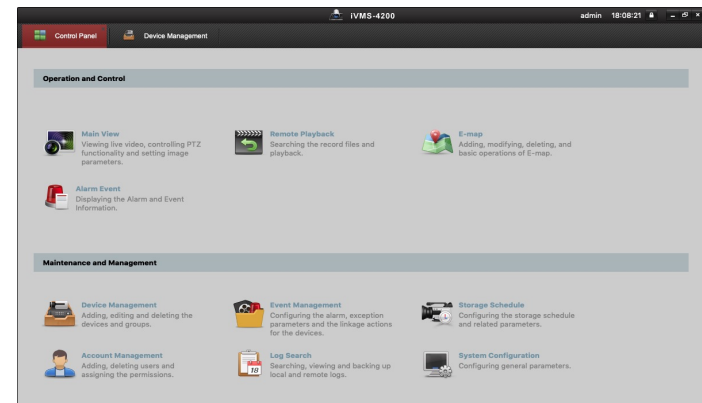
## SYSTEM RECOMMENDATIONS

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 11 (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	4 GB and above
Resolution	1280×768 and above

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

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

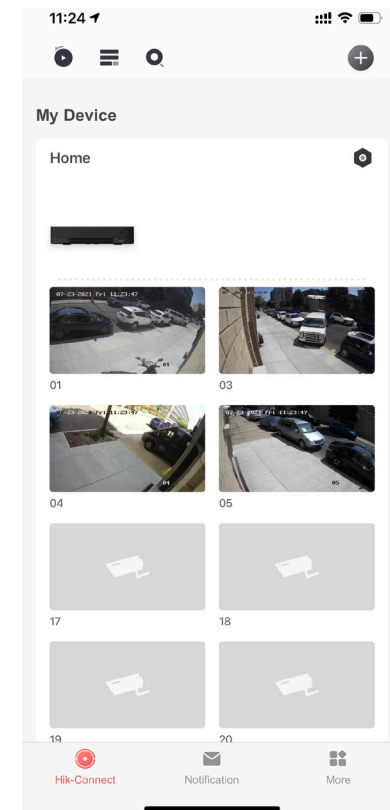
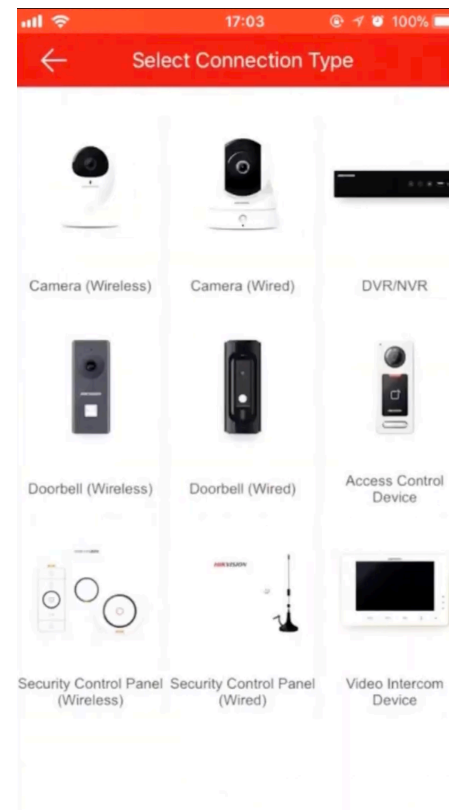
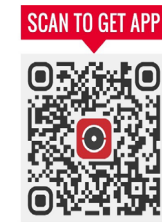
System Requirements	Hardware	Mac
	Operating System	macOS 10.12 and above (64-bit), intel CPU



# Hik-Connect P2P/DDNS Platform and Mobile App

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

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
Device Sharing Management	✓	X



# SmartPro IP Cameras



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

## BENEFITS

- Quickly focus on the target in the field of view, and the picture remains continuously clear
- Ultra-long lifespan withstood 8 million rotation tests
- Combined with intelligent algorithms to automatically track the specified target
- View target details from a long distance with easy viewing both nearby and faraway
- Continuously see targets at different distances and angles with continuous clear images
- Durable rotation tested 8 million times with a guaranteed long lifespan
- No manual control is needed by the administrator to control the dome camera rotation since the camera automatically captures the specific target trajectory for better efficiency

## 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
- Affordable priced Performance Series Thermal models enhance any application, and they include 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













Parking Lots



Industrial Applications



Construction Sites

	NETWORK CAMERA	NETWORK CAMERA	NETWORK CAMERA	NETWORK CAMERA	NETWORK CAMERA	NETWORK CAMERA	SOLAR-POWERED CAMERA	SOLAR-POWERED CAMERA	SOLAR-POWERED KIT	WIRELESS BRIDGE
										
<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-IVS(12MP) DS-2CD63C5G0-IVS(12MP)	DS-2CD6365G0E-S/RC(6MP) DS-2CD63C5G0E-S/RC(12MP)	DS-2CD6W45G0-IVS	DS-2CD6425G0-10 DS-2CD6425G0-20 DS-2CD6425G0-30	DS-2CD6425G1-20/E (3.7mm)	DS-2XS2T47G1-LDH/4G/C18S40	DS-2XS6A87G1-LS/C36S80 2.8mm	MODEL DS-2XS6K01-C36S80	MODEL DS-3WF02C-5AC/O
<b>FORM FACTOR</b>	Fisheye	Fisheye with Immersion Lens	Fisheye Indoor Recessed Mount	Custody Grade Full-coverage Corner Camera	Covert (Base & Lens)	Covert (Base & Lens) + Height Strip	Outdoor	Outdoor	DIMENSION 640.4 mm × 735.9 mm × 760 mm (25.21" × 28.97" × 29.92") (Max. size after it is completely assembled)	DIMENSION 92 mm × 187 mm × 58 mm (3.62" × 7.36" × 2.28")
<b>MEGAPIXELS</b>	6/12 MP	12 MP	6/12 MP	4 MP	2 MP	2 MP	4 MP	8 MP	PACKAGE DIMENSION 862 mm × 352 mm × 762 mm (33.9" × 13.9" × 30")	PACKAGE DIMENSION 132 mm × 228 mm × 91 mm (5.19" × 8.97" × 3.58")
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</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	1/2.8"	MIN. ILLUMINATION (LUX) Color: 0.0005 lux @ f/1.0 B/W: 0 with IR	Color: 0.0005 lux @ f/1.0 B/W: 0 with IR	WEIGHT Approx. 24 kg (52.9 lb.)	WEIGHT 0.307 kg (0.677 lb)
<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: 1.29 mm (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-Shape 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°	-20 L-Shape Pinhole Lens: 3.7 mm: @ f/2.5, H 75.5°, V 41.6°	LENS 4 mm @ f/1.0	2.8 mm @ f/1.0	BATTERY TYPE Lithium	MAX. TRANSMISSION RATE OF AIR INTERFACE ≤ 867 Mbps
<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	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	CAPACITY 360 WH (90 WH for each battery)	WIRELESS STANDARD IEEE 802.11/a/n/ac
<b>IR RANGE MAX (METERS)</b>	15	15	-	Up to 10 m IR range, 1 LED	-	-	VIDEO COMPRESSION H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	BATTERY VOLTAGE 10.8 V	WORKING FREQUENCY 5180 to 5240 Mhz...5745 to 5825 Mhz
<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	MAX. IMAGE RESOLUTION (PIXELS) 4 MP (2688 × 1520) 15 fps	8 MP (3840 × 2160) 15 fps	OPERATING TEMPERATURE Charging: -20 °C to 45 °C (-4 °F to 113 °F) Discharging: -20 °C to 60 °C (-4 °F to 140 °F)	OPERATING TEMPERATURE -30°C to 70°C (-22°F to 158°F)
<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	2 MP (1920x1080), 30	PIR ANGLE Horizontal: 100°, vertical: 80°	-	BATTERY LIFE More than 500 cycles	TRANSMITTING POWER 22 dBm
<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	IN: 1 Line In OUT: 1 Line Out	LOCAL STORAGE microSD card up to 256 GB Built-in 64 GB eMMC storage (50 GB available for recording)	microSD card up to 256 GB Built-in 64 GB eMMC storage (50 GB available for recording)	NETWORKING MODE Approx. 2.74 kg (6.0 lb.) (0.685 kg (1.5 lb.) for each battery)	NETWORKING MODE Point-to-Point, Point-to-Multipoints (less than 4 points recommended)
<b>ALARM INPUT/OUTPUT</b>	1/1	1/1	1/1	1/1	1/1	1/1	OPERATING TEMPERATURE RANGE -20° to 50° C (-4° to 122° F)	-20° to 60° C (-4° to 131° F)	RS-485 1 RS-485 (half duplex, connect to Solar Power 4G Network Camera Kit)	CPE/AP DIP SWITCH Switch up or down to set the device as AP or CPE.
<b>RATINGS</b>		-V model: IP67, IK10	-	IP67, IK10+(50J), NEMA 4X, UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	BATTERY WEIGHT		POWER OUTPUT 9 to 12.6 VDC, max. 30 W, 2 × Ø5.5 mm coaxial power plugs	POWER SUPPLY 12 VDC/1 A Passive PoE; 12 VDC, 1 A
<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)	-30 to 60 °C (-22 to 140 °F)	SOLAR PANEL 40 W	80 W		
<b>POWER REQUIREMENTS (MAX.)</b>	12 VDC, 0.9 A, max. 11 W PoE (802.3af, 36 to 57 V), 0.3 A to 0.2 A, max. 12 W	12 VDC, 0.9 A, max. 11 W PoE (802.3af, 36 to 57 V), 0.3 A to 0.2 A, max. 12 W	12 VDC, 0.5 A, max. 6 W PoE (802.3af, 36 to 57 V), 0.3 A to 0.2 A, max. 12 W	12 VDC, PoE (802.3af), 12 W	12 VDC/PoE (802.3af), 3.5 W	12 VDC/PoE (802.3af), 3.5 W	BATTERY Modular, 90 WH x 2 (180W total)	Modular, 90WH x 4 (360W total)		
<b>BRACKETS</b>	CB-FE, AB-FE, PC-FE			corner mount bracket included	Included	Included	CYCLE LIFETIME Performance mode: 3.6 day; Proactive mode: 6 day; Standby mode: 30 days	Performance mode: 5 day; Proactive mode: 7 day; Standby mode: 80 days		

MULTI-SENSOR PANOVU CAMERAS



MODEL	DS-2CD6D42G0-IS 2.8mm DS-2CD6D42G0-IS 4mm DS-2CD6D42G0-IS 6mm	DS-2CD6D52G0-IHS 2.8mm DS-2CD6D52G0-IHS 4mm DS-2CD6D52G0-IHS 6mm	DS-2CD6D82G0-IHS 2.8mm DS-2CD6D82G0-IHS 4mm DS-2CD6D82G0-IHS 6mm	DS-2CD6D54G1-IZS	DS-2CD6D54G1-ZS/RC	DS-2CD6D24FWD-IZHS	DS-2CD6D54FWD-IZHS	DS-2CD6924G0-IHS	DS-2CD6944G0-IHS	DS-2CD6984G0-IHS	DS-2PT3326IZ-DE3	DS-2DP3236ZIXS-D/440/T2
FORM FACTOR	Outdoor	Outdoor	Outdoor	Outdoor	Indoor - Recessed Mount	Outdoor	Outdoor	Outdoor	Outdoor	Indoor	Indoor	Outdoor
MEGAPIXELS	8 MP (2x4 MP)	10 MP (2x5 MP)	16 MP (2x8 MP)	20MP	20MP	8 MP (4x2 MP)	20 MP (4x5MP)	8 MP (4x2 MP Stitched or Separate)	16 MP (4x4 MP Stitched or Separate)	32 MP (4x8 MP Stitched or Separate)	8 MP (4x2 MP)	32 MP (8x4 MP)
MIN. ILLUMINATION (LUX)	Color: 0.005 Lux @ (F1.2, AGC ON), B/W: 0.001 Lux @ (F1.2, AGC ON), B/W: 0 lux with IR	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) 0 lux 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: 0.01 @ 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: 0.009 @ 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	Color: 0.0005 Lux @ f1.6 B/W: 0.0001 Lux @ f/1.6
LENS	2.8 mm @ f/1.6 4 mm @ f/1.6 6 mm @ f/1.6	2.8 mm @ f/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	2.8 mm	Fixed: 2 mm PTZ: 2.8 to 12 mm	Panoramic: 5 mm PTZ: 5.6 to 208 mm
HORIZONTAL ANGLE OF VIEW	H 98.2°, V 54.2° H 78.8°, V 40.5° H 49.1°, V 26.3°	H 97°, V 70° H 78.8°, 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° Stitched	180° Stitched	128.5°x3 per fixed sensor	360°
PAN/TILT/ROTATION	Pan: -90° to 90°, tilt: 0° to 60° R: 0° to 355°	Pan: -90° to 90°, tilt: 0° to 60° R: 0° to 355°	Pan: -90° to 90°, tilt: 0° to 60° R: 0° to 355°	Pan: -90° to 60°, tilt: 10° to 90°	Pan: -90° 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 355°/0° to 90°	0° to 350°/0° to 90°/-	360°/-15° to 90°/-
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, Digital	True, Yes, Digital	True, Yes, Digital	True, Yes, Digital	True, Yes, 120 dB
IR RANGE MAX. (METERS)	30	30	30	30	--	30	30	20	20	20	10	250
VIDEO COMPRESSION	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.264/ MJPEG	H.265+/H.264/MJPEG	H.265+/H.264/MJPEG	H.265+/H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.264/MJPEG	H.265/H.264/MJPEG	H.265+/H.265/H.264+/ H.264/MJPEG
MAXIMUM IMAGE RESOLUTION (PIXELS)	2x 2688x1520	2x 2560x1920	2x 3840x2160	4x 2560x1920	4x 2560x1920	Fixed: 4x 1980x1080	Fixed: 4x 2560x1920	Stitched Panoramic: 3840x2160	Stitched Panoramic: 3840x2160	Stitched Panoramic: 8160x3616	Fixed: 3x 1920x1080 PTZ: 1x 1920x1080	Panoramic: 5520 x 2400 x 2 PTZ: 2560 x 1440
MOTION DETECTION	2x 2688x1520	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AUDIO INPUT/OUTPUT	IN: 1 line OUT: 1 line 2 built-in microphones	IN: 1 line OUT: 1 line 2 built-in microphones	IN: 1 line OUT: 1 line 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
ALARM INPUT/OUTPUT	1/1	1/1	1/1	2/2	2/2	2/2	2/2	2/2	2/2	2/2	-	7/2
LOCAL STORAGE	Built-in MicroSD/SDHC/SDXC slot, up to 128 GB	Built-in MicroSD/SDHC/SDXC slot, up to 128 GB	Built-in MicroSD/SDHC/SDXC slot, up to 128 GB	Built-in MicroSD/SDHC/SDXC slot, up to 128 GB	Built-in MicroSD/SDHC/SDXC slot, up to 128 GB	Built-in MicroSD/SDHC/SDXC slot, up to 128 GB	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 (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 Micro SD/SDHC/SDXC (up to 256GB)
RATINGS	IP67, IK10 UL/cUL Listed	IP67, IK10 UL/cUL Listed	IP67, IK10 UL/cUL Listed	IP67, IK10 UL/cUL Listed	IP67, IK10 UL/cUL Listed	IP67, IK10 UL/cUL Listed	IP67, IK10 UL/cUL Listed	IP67, UL/cUL Listed,IK10	IP67, UL/cUL Listed,IK10	IP67, IK10 UL/cUL Listed	UL/cUL Listed	IP66, IK10, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-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 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)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX.)	12 VDC, 0.58A, maximum 7 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, 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 (802.3at, 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 (802.3at, 42.5V to 57V)	12 VDC, 1.4 A, max. 24 W PoE (802.3at, 42.5V to 57V)	12 VDC, 1.5A, max. 18 W PoE (802.3at, 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)	36V DC, Max.150 W - PSU included
BRACKETS	PC-6D CB-6D	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	(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	WMP-PV, RPM



## STAINLESS STEEL NETWORK CAMERA



MODEL	DS-2XC6142FWD-IS 2.8mm DS-2XC6142FWD-IS 4mm		DS-2XE6825G0-IZHS	DS-2XE6885G0-IZHS
FORM FACTOR	Anti-corrosion Dome		Explosion Proof Bullet	Explosion Proof Bullet
MEGAPIXELS	4.0		2 MP	8 MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	1/3"		1/2.8"	1/2.0"
MIN. ILLUMINATION (LUX)	Color: 0.01lux @ f/1.2 B/W: 0 with IR		2.8 to 12 mm: Color: 0.012 @ f/1.4 8 to 32 mm: Color: 0.018 @ f/1.7 B/W: 0 with IR	2.8 to 12 mm: Color: 0.012 @ f/1.4 8 to 32 mm: Color: 0.018 @ f/1.7 B/W: 0 with IR
LENS	4mm	6mm	2.8 to 12 mm @ f/1.4, motorized, autofocus 8 to 32 mm @ f/1.7, motorized, autofocus	2.8 to 12 mm @ f/1.4, motorized, autofocus 8 to 32 mm @ f/1.7, motorized, autofocus
FOV (H X V)	83°	55.4°	2.8 to 12 mm: 115° to 42° 8 to 32 mm: 43° to 15°	2.8 to 12 mm: 112° to 41° 8 to 32 mm: 42° to 15°
PAN/TILT/ROTATION	0° to 75°/-30° to 30°/0° to 360°		-	-
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB		True, Yes, 120 dB	True, Yes, 120 dB
IR RANGE MAX (METERS)	10		100	100
VIDEO COMPRESSION	H.265+/H.265/H.264+/H.264		H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
MAX. IMAGE RESOLUTION (PIXELS)	2560×1440		1920×1080	3840×2160
FRAME RATE (FPS)	24 @ 2560×1440, 1920×1080, 1280×720, 528×384		60 @ 1920×1080, 1280×720	30 @ 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720
MULTI-STREAMING	Triple		5	5
SMART FEATURES	Full Smart Suite1		Full Smart Suite1	Full Smart Suite1
IMAGE ENHANCEMENT	BLC/3D DNR/Defog		3D DNR, HLC, WDR, EIS, Defog	3D DNR, HLC, WDR, EIS, Defog
MOTION DETECTION	Yes		Yes	Yes
AUDIO INPUT/OUTPUT	-		IN: 1 line/mic OUT: 1 line	IN: 1 line/mic OUT: 1 line
ALARM INPUT/OUTPUT	1/1		1/1	1/1
LOCAL STORAGE	MicroSD 128 GB max.		MicroSD 256 GB max.	MicroSD 256 GB max.
MATERIAL/RATINGS	316L Stainless Steel, IP67, UL/cUL Listed, Anti-corrosion, NEMA 4X, WF2, C5-M		Stainless steel 316L and anti-corrosion coating	Stainless steel 316L and anti-corrosion coating
EXPLOSION PROOF CERTIFICATION			UL(Zone): Class I, Zone 1, AEx db IIC T6 Zone 21, AEx tb IIIC T80°C UL/cUL (Division): Class I, Division 2, Groups A,B,C and D,T6;- Class II, Division 2, Groups F and G, T80°C	UL(Zone): Class I, Zone 1, AEx db IIC T6 Zone 21, AEx tb IIIC T80°C UL/cUL (Division): Class I, Division 2, Groups A,B,C and D,T6;- Class II, Division 2, Groups F and G, T80°C
OPERATING TEMPERATURE RANGE	-30 to 60 °C (-40 to 140 °F)		-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX.)	12 VDC, PoE (802.3af), 5 W		100 to 240 VAC, 0.4 A, maximum 18 W; PoE (802.3at, 42.5 to 57 V), 0.55 to 0.45 A, maximum 18 W	100 to 240 VAC, 0.4 A, maximum 18 W; PoE (802.3at, 42.5 to 57 V), 0.55 to 0.45 A, maximum 18 W
BRACKETS	JBM-SS, WB-XC		DS-1707ZJ-Y-AC	DS-1707ZJ-Y-AC

# NETWORK PTZ CAMERA

													
<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-2DF8C442IXG-ELW	DS-2DF8C842IXG-ELW	DS-2CDF8C435MHS-DELW	iDS-2SR8141IXS-AB	DS-2DF6A832X-DE3	DS-2DY5225IX-AE
<b>FORM FACTOR</b>	Indoor PTZ	Outdoor PTZ	Outdoor PTZ	Outdoor PTZ	Outdoor PTZ	Outdoor PTZ	Outdoor PTZ	Outdoor PTZ	Outdoor PTZ	Outdoor PTZ	Outdoor PTZ	Indoor PTZ	Outdoor Upright PTZ
<b>MEGAPIXELS</b>	2 MP	2 MP	4 MP	8 MP	2 MP	4 MP	8 MP	4 MP	8 MP	4 MP	4 MP	8 MP	2 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"	1/8	1/2"	Two 1/1.8"	1/1.8"	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: 0.001 @ f/1.5 B/W: 0 with IR	Color: 0.002 @ 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	@ f/1.5 color 0.002, Black 0.0002	@ f/1.5 color 0.005, Black 0.001
<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	6 to 252 mm, motorized zoom, autofocus	7.5 to 315 mm, motorized zoom, autofocus	5.9 to 265 mm, motorized zoom, autofocus	6.0 to 240 mm, motorized zoom, autofocus	6.7 to 214.4 mm, motorized zoom, autofocus	5.9 to 147.5 mm, motorized zoom, autofocus
<b>OPTICAL ZOOM</b>	32x	32x	36x	36x	42x	42x	42x	42x	42x	35x	40x	32x	25x
<b>PAN RANGE</b>	360° endless	360° endless	360° endless	360° endless	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)	-20° to 90° (auto flip)	-20° to 90° (auto flip)	-20° to 90° (auto flip)	-90° 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.	0.1° to 210°/sec. & 0.1° to 150°/sec.	0.1° to 210°/sec. & 0.1° to 150°/sec.	0.1°/s to 300°/sec & 0.1°/s to 240°/sec	0.1°/s to 150°/sec & 0.1°/s to 80°/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.	280°/sec. & 250°/sec.	280°/sec. & 250°/sec.	540°/sec. & 400°/sec.	150°/sec. & 80°/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, GIS	True, Yes, 140 dB, GIS	True, Yes, 140 dB, Yes	True, Yes, 120 dB, Yes	True, Yes, 140 dB, Yes	True, Yes, 120 dB, Yes
<b>IR RANGE MAX (METERS)</b>	-	-	-	-	400	400	500	400	500	300	200	-	250 m
<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	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	4 MP (2560x1440), 30	8 MP (3840x2160), 24	4 MP (2560x1440), 60	4 MP (2560x1440), 30	8 MP (3840x2160), 25	2 MP (3840x2160), 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, IK10,UL/cUL Listed	IP67, IK10,UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	-,UL/cUL Listed	FCC, CE, RoHS
<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)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-20 to 50 °C (14 to 122°F)	-20 to 50 °C (14 to 122°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)	24V AC (Max. 60 W), Hi-PoE (Max. 50 W)	24V AC, (Max 60 W) Hi-PoE (802.3at), (Max 50 W)	24V AC, (Max 62 W) Hi-PoE (802.3at), (Max 51 W)	24V AC, (Max 62 W) Hi-PoE (802.3at), (Max 51 W)	36 VDC, (Max 90 W)	24V AC, (Max 60 W)	12 VDC, POE	24 VDC, Hi-POE Hi-PoE (Max. 50 W), PoE Injector Included
<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	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	Ceiling Recess/Flush Mount Included






# Why DeepinView Cameras?



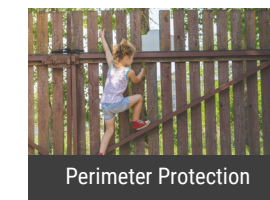
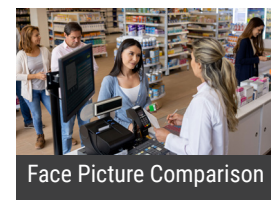
**8 POWERFUL, INTELLIGENT SWITCHABLE ALGORITHMS IN ONE DEVICE**

Deep learning has swept through the security industry, enabling innovative solutions to support enhanced site security and operational efficiency. The benefits of deep learning for attribute recognition and image classification make it enormously valuable in the security industry. Hikvision's industry-leading smart cameras and infrastructure solutions engineered with AI technology support smarter decision-making, from people counting and Multi-Target Detection to vehicle License Plate Recognition and automated security alerts.

## Simplified Installation & Easy Maintenance

-  **Faster**  
Easily adjust the viewing angle remotely from the webpage
-  **Flexible**  
Motorized, long-range lens from 2.8-12mm
-  **Cost-efficient**  
Stable structure reduces maintenance costs

Remotely adjust the viewing angle on the webpage



# NETWORK CAMERA SMART SERIES- 2ND GEN DEEPIVIEW AI SERIES

	DarkFighter, DeepinView Gen II EXIR 2.0	LightFighter, DeepinView Gen II EXIR 2.0	DarkFighter, DeepinView Gen II EXIR 2.0	LightFighter, DeepinView Gen II EXIR 2.0	DarkFighter, DeepinView Gen II EXIR 2.0	LightFighter, DeepinView Gen II EXIR 2.0	DarkFighter, DeepinView Gen II EXIR 2.0	LightFighter, DeepinView Gen II EXIR 2.0	DarkFighter, DeepinView Gen II EXIR 2.0	LightFighter, DeepinView Gen II EXIR 2.0	DarkFighter, DeepinView Gen II EXIR 2.0	LightFighter, DeepinView Gen II 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-2CD7186G0-IZS 2.8-12mm (8MP) IDS-2CD7186G0-IZS 2.8-12mm (12MP)	IDS-2CD7146G0-IZS 2.8-12mm (4MP) IDS-2CD7146G0-IZS 8-32mm (4MP) IDS-2CD7186G0-IZS 2.8-12mm (8MP) IDS-2CD7186G0-IZS 2.8-12mm (12MP)	IDS-2CD7546G0-IZHSY 2.8-12mm (4MP) IDS-2CD7546G0-IZHSY 8-32mm (4MP) IDS-2CD7586G0-IZHSY 2.8-12mm (8MP) IDS-2CD7586G0-IZHSY 2.8-12mm (12MP)	IDS-2CD746G0-IZHSY 2.8-12mm (4MP) IDS-2CD746G0-IZHSY 8-32mm (4MP) IDS-2CD7486G0-IZHSY 2.8-12mm (8MP) IDS-2CD7486G0-IZHSY 2.8-12mm (12MP)	IDS-2CD747G0-IZHSY 2.8-12mm (4MP) IDS-2CD747G0-IZHSY 2.8-12mm (8MP)	IDS-2CD747G0-IZHSY 2.8-12mm (4MP) IDS-2CD747G0-IZHSY 2.8-12mm (8MP)	IDS-2CD747G0-IZHSY 2.8-12mm (4MP) IDS-2CD747G0-IZHSY 2.8-12mm (8MP)	IDS-2CD747G0-IZHSY 2.8-12mm (4MP) IDS-2CD747G0-IZHSY 2.8-12mm (8MP)	IDS-2CD747G0-IZHSY 2.8-12mm (4MP) IDS-2CD747G0-IZHSY 2.8-12mm (8MP)	IDS-2CD747G0-IZHSY 2.8-12mm (4MP) IDS-2CD747G0-IZHSY 2.8-12mm (8MP)	IDS-2CD747G0-IZHSY 2.8-12mm (4MP) IDS-2CD747G0-IZHSY 2.8-12mm (8MP)	IDS-2CD754G0-IZHSY 2.8-12mm (4MP) IDS-2CD7586G0-IZHSY 2.8-12mm (8MP)
<b>Form Factor</b>	Box Camera (Lens not included)	Indoor Dome Camera	Indoor / Outdoor Dome Camera	Outdoor Dome Camera	Outdoor Bullet Camera	Outdoor Bullet Camera	Outdoor Bullet Camera	Outdoor TandemVu Bullet Camera	Outdoor TandemVu Bullet Camera	Outdoor TandemVu Bullet Camera	Outdoor Dome Camera	Outdoor Dome Camera	
<b>MEGAPIXELS</b>	4MP	4MP/12MP	4 MP/8 MP	4MP/12MP	4MP/12MP	4 MP/8 MP	4 MP/8 MP	4 MP+8 MP (2 Lens)	4 MP+8 MP (2 Lens)	4 MP+8 MP (2 Lens)	4 MP	2 MP	
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</b>	1/1.8"	4MP: 1/1.8" 12MP: 1/1.7"	4MP&8MP: 1/1.8"	4MP: 1/1.8" 12MP: 1/1.7"	4MP: 1/1.8" 12MP: 1/1.7"	4MP&8MP: 1/1.8"	4MP+8MP: 1/1.8" +1/2"	4MP&8MP: 1/1.8"	4MP&8MP: 1/1.8" +1/2"	4MP&8MP: 1/1.8" +1/2"	4MP: 1/1.8"	1/2.7"	
<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 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: 0.002 lux @ f/1.7, B/W: 0.0002 lux; 8 MP: 2.8 mm to 12 mm Color: 0.002 lux @ f/1.2 B/W: 0.0002 lux;	4 MP: 2.8 mm to 12 mm Color: 0.002 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 12 MP: 2.8 mm to 12 mm Color: 0.009 Lux @ f/1.2 B/W: 0.009 Lux with IRI	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: 0.009 Lux	4 MP: 2.8 mm to 12 mm Color: 0.0003 Lux @ f/1.0, B/W: 0.0001 Lux 8 MP: 2.8 mm to 12 mm Color: 0.0003 Lux @ f/1.0, B/W: 0.0001 Lux	Channel 1 (8MP): Color: 0.0003 Lux @ (F1.2, AGC ON), 0 Lux with Light, B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR Channel 2 (4MP): Color: 0.0003 Lux @ (F1.0, AGC ON), 0 Lux with Light B/W: 0.0001 Lux @ (F1.0, AGC ON), 0 Lux with IR	4 MP: 2.8 mm to 12 mm Color: 0.0003 @ f/1.2 B/W: 0.0001 lux; 8 MP: 2.8 mm to 12 mm Color: 0.0003 Lux @ f/1.7, B/W: 0.0001 lux;	4 MP: 2.8 mm to 12 mm Color: 0.0003 @ f/1.2 B/W: 0.0001 lux; 8 MP: 2.8 mm to 12 mm Color: 0.0003 Lux @ f/1.7, B/W: 0.0001 lux;	4 MP: 2.8 mm to 12 mm Color: 0.0003 @ f/1.2 B/W: 0.0001 lux; 8 MP: 2.8 mm to 12 mm Color: 0.0003 Lux @ f/1.7, B/W: 0.0001 lux;	4 MP: 2.8 mm to 12 mm Color: 0.0003 @ f/1.2 B/W: 0.0001 lux; 8 MP: 2.8 mm to 12 mm Color: 0.0003 Lux @ f/1.7, B/W: 0.0001 lux;	4 MP: 2.8 mm to 12 mm Color: 0.0003 @ f/1.2 B/W: 0.0001 lux; 8 MP: 2.8 mm to 12 mm Color: 0.0003 Lux @ f/1.7, B/W: 0.0001 lux;	4 MP: 2.8 mm to 12 mm Color: 0.0003 @ f/1.2 B/W: 0.0001 lux; 8 MP: 2.8 mm to 12 mm Color: 0.0003 Lux @ f/1.7, B/W: 0.0001 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 Color: 0.001 lux @ f/1.2 B/W: 0.0003 lux 12 MP: 2.8 to 12 mm, H FOV 96° to 46.2°, V FOV 69.2° to 27.2°;	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 Color: 0.001 lux @ f/1.2 B/W: 0.0003 lux 12 MP: 2.8 to 12 mm, H FOV 96° to 46.2°, V FOV 69.2° to 27.2°;	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 Color: 0.001 lux @ f/1.2 B/W: 0.0003 lux 12 MP: 2.8 to 12 mm, H FOV 96° to 46.2°, V FOV 69.2° to 27.2°;	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 Color: 0.001 lux @ f/1.2 B/W: 0.0003 lux 12 MP: 2.8 to 12 mm, H FOV 96° to 46.2°, V FOV 69.2° to 27.2°;	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 Color: 0.001 lux @ f/1.2 B/W: 0.0003 lux 12 MP: 2.8 to 12 mm, H FOV 96° to 46.2°, V FOV 69.2° to 27.2°;	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 Color: 0.001 lux @ f/1.2 B/W: 0.0003 lux 12 MP: 2.8 to 12 mm, H FOV 96° to 46.2°, V FOV 69.2° to 27.2°;	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 Color: 0.001 lux @ f/1.2 B/W: 0.0003 lux 12 MP: 2.8 to 12 mm, H FOV 96° to 46.2°, V FOV 69.2° to 27.2°;	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 Color: 0.001 lux @ f/1.2 B/W: 0.0003 lux 12 MP: 2.8 to 12 mm, H FOV 96° to 46.2°, V FOV 69.2° to 27.2°;	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 Color: 0.001 lux @ f/1.2 B/W: 0.0003 lux 12 MP: 2.8 to 12 mm, H FOV 96° to 46.2°, V FOV 69.2° to 27.2°;	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 Color: 0.001 lux @ f/1.2 B/W: 0.0003 lux 12 MP: 2.8 to 12 mm, H FOV 96° to 46.2°, V FOV 69.2° to 27.2°;	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 Color: 0.001 lux @ f/1.2 B/W: 0.0003 lux 12 MP: 2.8 to 12 mm, H FOV 96° to 46.2°, V FOV 69.2° to 27.2°;	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 Color: 0.001 lux @ f/1.2 B/W: 0.0003 lux 12 MP: 2.8 to 12 mm, H FOV 96° to 46.2°, V FOV 69.2° to 27.2°;
<b>DAY/NIGHT, BLC, WDR</b>	4MP: True, Yes, 140 dB	4MP: True, Yes, 140 dB 12MP: True, Yes, Digital	4MP: True, Yes, 140 dB 8MP: True, Yes, 120 dB	4MP: True, Yes, 140 dB 12MP: True, Yes, Digital	4MP: True, Yes, 140 dB 12MP: True, Yes, Digital	4MP: True, Yes, 140 dB 8MP: True, Yes, 120 dB	4MP+8MP: True, Yes, 140 dB	4MP: True, Yes, 140 dB 8MP: True, Yes, 120 dB	4MP+8MP: True, Yes, 140 dB	4MP: True, Yes, 140 dB 8MP: True, Yes, 120 dB	4MP: True, Yes, 140 dB 8MP: True, Yes, 120 dB	4MP: True, Yes, 140 dB 8MP: True, Yes, 120 dB	
<b>IR RANGE MAX (METERS)</b>	2.8 mm to 12 mm: 98ft (30 m) 8mm to 32 mm: 164 ft (50 m)	2.8 mm to 12 mm: 98ft (30 m) 8mm to 32 mm: 164 ft (50 m)	2.8 mm to 12 mm: 98 ft (30 m) 8mm to 32 mm: 197 ft (60 m)	2.8 mm to 12 mm: 132ft (40 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)	2.8 mm to 12 mm: 164 ft (50 m)	2.8 mm to 12 mm: 164 ft (50 m)	Channel 1 (8MP): up to 120 m, Channel 2 (4MP): up to 30 m	2.8 mm to 12 mm: 98 ft (30 m)	2.8 mm to 12 mm: 98 ft (30 m)	2.8 mm to 12 mm: 98 ft (30 m)	2.8 mm to 12 mm: 98 ft (30 m)	
<b>VIDEO COMPRESSION</b>			Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fifth stream/custom stream: H.265/H.264/MJPEG										
<b>MAX IMAGE RESOLUTION (PIXELS) &amp; FRAME RATE</b>	4 MP: (2560 × 1440), 30	4 MP: ( 2680 × 1520), 30 12 MP: (4000 × 3000), 20	4 MP: (2560×1440), 30 8 MP: (3840×2160), 30	4 MP: ( 2680 × 1520), 30 12 MP: (4000 × 3000), 20	4 MP: (2680 × 1520), 30 8 MP: (3840 × 2160), 30	4 MP: ( 2680 × 1520), 30 8 MP: (3840 × 2160), 30	4 MP: ( 2680 × 1520), 30 8 MP: (3840 × 2160), 24	4 MP: ( 2680 × 1520), 30 8 MP: (3840 × 2160), 30	4 MP: ( 2680 × 1520), 30 8 MP: (3840 × 2160), 30	4 MP: ( 2680 × 1520), 30 8 MP: (3840 × 2160), 30	4 MP: ( 2680 × 1520), 30 8 MP: (3840 × 2160), 30	4 MP: ( 2680 × 1520), 30 8 MP: (3840 × 2160), 30	
<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	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	
<b>ALARM INPUT/OUTPUT</b>	2 inputs, 2 outputs	1 input, 1 output	1 input, 1 output	1 input, 1 output	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs	1 input, 1 output	1 input, 1 output	
<b>INTELLIGENT FUNCTIONS (DEEP LEARNING ALGORITHM)</b>	Multi-target-type Detection & Attribute Search; Area People counting & Density Control; Queue Management; Perimeter Protection, Hard Hat Detection	Multi-target-type Detection & Attribute Search; Area People counting & Density Control; Queue Management; Perimeter Protection, Hard Hat Detection	Face Picture Comparison, Multi-Target Detection, Perimeter Protection, On/Off duty detection, Queue Management, Hard Hat Detection, Regional People counting, Cross-Line People counting, Heat Map, AIOP	Multi-target-type Detection & Attribute Search; Area People counting & Density Control; Queue Management; Perimeter Protection, Hard Hat Detection	Multi-target-type Detection & Attribute Search; Area People counting & Density Control; Queue Management; Perimeter Protection, Hard Hat Detection	Multi-target-type Detection & Attribute Search; Area People counting & Density Control; Queue Management; Perimeter Protection, Hard Hat Detection	Face Picture Comparison, Multi-Target Detection, Perimeter Protection, On/Off duty detection, Queue Management, Hard Hat Detection, Regional People counting, Cross-Line People counting, Heat Map, AIOP	Face Picture Comparison, Multi-Target Detection, Perimeter Protection, On/Off duty detection, Queue Management, Hard Hat Detection, Regional People counting, Cross-Line People counting, Heat Map, AIOP	Face Picture Comparison, Multi-Target Detection, Perimeter Protection, On/Off duty detection, Queue Management, Hard Hat Detection, Regional People counting, Cross-Line People counting, Heat Map, AIOP	Face Picture Comparison, Multi-Target Detection, Perimeter Protection, On/Off duty detection, Queue Management, Hard Hat Detection, Regional People counting, Cross-Line People counting, Heat Map, AIOP	Face Picture Comparison, Multi-Target Detection, Perimeter Protection, On/Off duty detection, Queue Management, Hard Hat Detection, Regional People counting, Cross-Line People counting, Heat Map, AIOP	Face Picture Comparison, Multi-Target Detection, Perimeter Protection, On/Off duty detection, Queue Management, Hard Hat Detection, Regional People counting, Cross-Line People counting, Heat Map, AIOP	
<b>RATINGS</b>	UL Listed	IK10, UL listed	IK10, UL listed	IP67 IK10, UL listed, -Y model:NEMA 4X (NEMA 250-2018)	IP67 IK10, UL Listed, -Y model:NEMA 4X (NEMA 250-2018)	IP67 IK10, UL Listed, -Y model:NEMA 4X (NEMA 250-2018)	IP67 IK10, UL Listed, -Y model:NEMA 4X (NEMA 250-2018)	IP67 IK10, UL Listed, -Y model:NEMA 4X (NEMA 250-2018)	IP67 IK10, UL Listed, -Y model:NEMA 4X (NEMA 250-2018)	IP67 IK10, UL Listed, -Y model:NEMA 4X (NEMA 250-2018)	IP67 IK10, UL listed, -Y model:NEMA 4X (NEMA 250-2018)	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)	-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>	12V DC, max 12W 24V AC, max 12W PoE (802.3af), max 12 W	12 VDC, max 9.96 W 24 VAC, max 12 W PoE (802.3af), max 12 W	12 VDC, max 9.96 W 24 VAC, max 12 W PoE (802.3af), max 12 W	With extra load: 12 VDC, max 13.9 W, PoE (802.3af), 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: (802.3af) max 18.0 W	12 VDC, max 22.7 W 24 VAC, max 22.3W PoE: (802.3af) max 24.7 W	12 VDC, max 22.7 W 24 VAC, max 22.3W PoE: (802.3af) max 24.7 W	12 VDC, max 22.7 W 24 VAC, max 22.3W PoE: (802.3af) max 24.7 W	12 VDC, max 24.01 W; 24VAC, max 24.01W PoE (802.3af): 25.43W	12 VDC, max 24.01 W; 24VAC, max 24.01W PoE (802.3af): 25.43W	12 VDC, max 22.7 W, 24 VAC, max 22.3W, PoE: (802.3af) max 24.7 W	13 VDC, max 22.7 W, 24 VAC, max 22.3W, PoE: (802.3af) max 24.7 W	12 VDC, 8 W
<b>BRACKETS</b>	WBS,PP2, CBH, CHB-HBW, CHB-HB	WML,PC130, CPM, CPME, CPM,PM, RCM-1,AB135	PC 160, RCM-VH, PM1, CM1, CPM, WML, DS-1273ZJ-160, DS-1273ZJ-160, DS-1476ZJ-Y, DS-1476ZJ-Y	DS-1473ZJ-155-YDS-1471ZJ-155-YDS-1475ZJ-YDS-1476ZJ-Y	DS-1476ZJ-YDS-1475ZJ-Y	DS-1476ZJ-Y, DS-1476ZJ-SUS, DS-1275ZJ-S-SUS, DS-1476ZJ-Y, DS-1475ZJ-SUS	CM1, PM1, DS-1275ZJ-S-SUS, DS-1476ZJ-Y, DS-1475ZJ-SUS	CM1, PM1, CPM, WML, PC160					
<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 LICENSE PLATE RECOGNITION	DEEPIVIEW LICENSE PLATE RECOGNITION	DEEPIVIEW LICENSE PLATE RECOGNITION	DEEPIVIEW PEOPLE COUNTING CAMERA DUAL LENS - DEEPIVIEW
<b>MODELS</b>	IDS-2CD746G0/P-IZHSY 2.8-12mm IDS-2CD746G0/P-IZHSY 8-32mm	IDS-2CD7046G0/EP-IHSY 11-40 mm	IDS-2CD846G0-ZXHSY 1050/4 (4MP + 8MP)	IDS-2CD754G0/P-IZHSY 2.8-12mm (4MP)	IDS-2CD6825G0/C-IFS IDS-2CD6825G0/C-IVS
<b>FORM FACTOR</b>	Outdoor Bullet	Outdoor Bullet	Outdoor TandemVu Bullet Camera	Outdoor Dome Camera	Specialty, Indoor, Outdoor
<b>MEGAPIXELS</b>	4 MP	4 MP	4 MP+8 MP (2 Lens)	4 MP	2 MP
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</b>	1/1.8"	1/1.8"	4MP+8MP: 1/1.8" +1/2"	4MP: 1/1.8"	1/2.7"
<b>MIN. ILLUMINATION (LUX)</b>	Color: 0.002 @ f/1.2 B/W: 0 with IR	Color: 0.0005 @ f/1.2, B/W: 0.0001 @ f/1.2, 0 Lux with IR	Channel 1 (8MP): Color: 0.0003 Lux @ (F1.2, AGC ON), 0 Lux with Light, B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR Channel 2 (4MP): Color: 0.0003 Lux @ (F1.0, AGC ON), 0 Lux with Light B/W: 0.0001 Lux @ (F1.0, AGC ON), 0 Lux with IR	4 MP: 2.8 mm to 12 mm Color: 0.0003 @ f/1.2 B/W: 0.0001 lux; 8 MP: 2.8 mm to 12 mm Color: 0.0003 Lux @ f/1.7, B/W: 0.0001 lux;	Color: 0.005 Lux @ f/2.0, AGC on B/W: 0.001 lux @ f/2.0, AGC on
<b>LENS (FOV H X V)</b>	-IZHSY: 2.8 to 12 mm (H 103.3° to 38.6°, V 54.2° to 21.9°) @ f/1.2 -IZHSY: 8 to 32mm (H 42.5° to 13.4°, V 23.4° to 7.7°) @ f/1.6 All: motorized, autofocus	-IHSY: 11 to 40 mm (H 39.1° to 12.1°, V 21.4° to 6.8°) @ f/1.2	Channel 1 (8MP): 10 to 50 mm horizontal FOV 36° to 13.1°, vertical FOV: 20.4° to 7.4°, diagonal FOV 41.8° to 14.9° Channel 2 (4MP): 4 mm: horizontal FOV: 89°, vertical FOV: 45°, diagonal FOV: 107°	All: Motorized, Autofocus 4MP: 2.8 mm to 12 mm, HFOV 104.2° to 44.1°, VFOV 55.3° to 24.8° 8MP: 2.8 to 12 mm, HFOV 104.8° to 44.1°, VFOV 55.3° to 24.8°	2 mm (H:104.5°, V: 70.5°) @ f/2.25
<b>DAY/NIGHT, BLC, WDR</b>	True, Yes, 140 dB	True, Yes, 140 dB	4MP + 8MP: True, Yes, 140 dB	4MP: True, Yes, 140 dB 8MP: True, Yes, 120 dB	True, Yes, digital
<b>IR RANGE MAX (METERS)</b>	-IZHSY 2.8-12 mm: 50 m -IZHSY 8-32 mm: 100 m	120 m	Channel 1 (8MP): up to 120 m, Channel 2 (4MP): up to 30 m	2.8 mm to 12 mm: 98 ft (30 m)	6 m
<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	H.265+/H.265// H.264+/H.264/MJPEG
<b>MAX. IMAGE RESOLUTION (PIXELS) AND FRAME RATE</b>	2688 × 1520, 30 fps	4 MP (2688×1520), 30	4 MP: ( 2560 × 1440), 30, 8 MP: (3840 × 2160), 24	4 MP: ( 2680 × 1520), 30, 8 MP: (3840 × 2160), 24	2 MP (1920×1080), 25
<b>AUDIO INPUT/OUTPUT</b>	IN 1-line 1 / OUT 1-line out	IN: 1 line in / OUT: 1 Line out	1 line in, 1 line out	1 line in, 1 line out	IN: 1 line/mic OUT: 1 line
<b>ALARM INPUT/OUTPUT</b>	2/2	2/2	2/2	2/2	1/1
<b>RATINGS</b>	IP67, UL/cUL Listed	IP66, UL/cUL Listed	IP67, UL Listed, -Y model:NEMA 4X (NEMA 250-2018)	IP67 IK10, UL listed, -Y model:NEMA 4X (NEMA 250-2018)	IP67, UL/cUL Listed
<b>OPERATING TEMPERATURE RANGE</b>	-40 to 60° C (-40 to 140° F)	-40 to 65° C (-40 to 149° F)	-40° to 60° C (-40° to 140° F)	-40° to 60° C (-40° to 140° F)	-30 to 45° C (-22 to 133° F)
<b>POWER REQUIREMENTS (MAX.)</b>	12 VDC, PoE+ (802.3af), 16.5 W	24 VDC, 24VAC, PoE (802.3af), 24.6 W	12 VDC, max 22.7 W, 24 VAC, max 22.3W, PoE: (802.3af) max 24.7 W	13 VDC, max 22.7 W, 24 VAC, max 22.3W, PoE: (802.3af) max 24.7 W	12 VDC, 8 W
<b>BRACKETS</b>	PM1/CM1/PM-LPR	WBL	CM1, PM1, DS-1275ZJ-S-SUS, DS-1476ZJ-Y, DS-1475ZJ-SUS	CM1, PM1, CPM, WML, PC160	

# Thermal Cameras



Hikvision's thermal cameras deliver the best in thermal imaging for enhanced perimeter protection, temperature monitoring, cigarette smoke detection, and more. Cameras include a range of features, including a white strobe light, a speaker for automated voice alarms, and improved human and vehicle filters. Thermal cameras are well equipped for temperature exception monitoring to detect a fire early for extraordinary asset protection. Thermal cameras provide clear video and images and are unaffected by rain, smog, and dust.

## APPLICATIONS



Villas / Gated Communities



Warehouses



Commercial Buildings



Construction Sites and Yards



Solar Farms



Waste Recycling Facilities


## FEATURES

- Superior Nighttime Visibility
- Outstanding Intrusion Detection with Alarms and Video Verification
- VCAs like Line Crossing, Intrusion, Region Entrance/Exit Detection
- Reliable Temperature Exception Alarm Function
- Detect and Locate Fires Early with Advanced Fire Detection


## THERMAL-OPTICAL CAMERAS - HEATPRO

	NETWORK CAMERA Bi-Spectrum	NETWORK CAMERA Bi-Spectrum	NETWORK CAMERA Bi-Spectrum	NETWORK CAMERA Bi-Spectrum	
					
<b>Series</b>	Thermal-Optical Cameras - HeatPro	Thermal-Optical Cameras - HeatPro	Thermal-Optical Cameras - HeatPro	Thermal-Optical Cameras - HeatPro	
<b>Model</b>	DS-2TD1228-2/QA DS-2TD1228-3/QA	DS-2TD2628-3/QA DS-2TD2628-7/QA DS-2TD2628-10/QA	DS-2TD1228T-2/QA DS-2TD1228T-3/QA	DS-2TD2628T-3/QA DS-2TD2628T-7/QA	
<b>FORM FACTOR</b>	Outdoor Turret	Outdoor Bullet	Outdoor Turret	Outdoor Bullet	
<b>Thermal</b>	<b>THERMAL PIXELS, PITCH, SENSOR</b>	256x192, 12 µm, Vanadium Oxide UFPA	256x192, 12 µm, Vanadium Oxide UFPA	256x192, 12 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	
	<b>LENS FOCAL LENGTH</b>	2.1mm   3.6 mm	3.6 mm   6.9 mm   9.7mm	2.1 mm   3.6mm	3.6 mm   6.9 mm
	<b>FIELD OF VIEW (HXV)</b>	(90.0°x65.4°)   (50.0°x37.3°)	(50.0°x37.2°)   (25.0°x18.7°)   (18°x13.5°)	(90.0°x65.4°)   (50.0°x37.3°)	(50.0°x37.2°)   (25.0°x18.7°)
<b>Optical</b>	<b>IFOV (MRAD), MIN. FOCUS DISTANCE</b>	5.71, 0.1 m   3.33, 0.4 m	3.33, 0.5 m   1.74, 1 m   1.24, 1.5 m	5.71, 0.1 m   3.33, 0.5 m	3.33, 0.5 m   1.74, 1 m
	<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
	<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)	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 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	Color: 0.0176 @ f/2.25, AGC ON B/W: 0 with IR
<b>Temperature Measurement</b>	<b>LENS, FIELD OF VIEW (HXV)</b>	2.2 mm (117.8° × 70.4°)   4.3 mm (84° × 43.1°)	4 mm (84° × 44.8°)   8mm (39.42° × 22.14°)   8mm (39.42° × 22.14°)	2.2 mm (117.8° × 70.4°)   4.3 mm (84° × 43.1°)	4.3 mm (84° × 43.1°)   6.4mm (53° × 28°)
	<b>IR RANGE MAX (METERS)</b>	15	30	15	30
<b>Temperature Measurement</b>	<b>TEMPERATURE MEASUREMENT ACCURACY</b>	±8°C (±14.4°F)	±8°C (±14.4°F)	Max(±2°C, ±2%)	Max(±2°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)	-20~550°C (-4°F to 1022°F)
<b>VIDEO COMPRESSION</b>	H.265/H.264	H.265/H.264	H.265+/H.265/H.264	H.265+/H.265/H.264	
<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	
<b>ALARM ON TEMPERATURE</b>	Monitor 10 points, 10 regions and 1 line	Monitor 10 points, 10 regions and 1 line within	Monitor 10 points, 10 regions and 1 line within	Monitor 10 points, 10 regions and 1 line within	
<b>ALARM I/O, AUDIO I/O</b>	1/1, 1/1	2/2, 1/1	1/1, 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	
<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)	
<b>POWER REQUIREMENTS (MAX.)</b>	24VAC, 12 VDC, PoE (802.3af)	24VAC, 12 VDC, PoE (802.3af)	24VAC, 12 VDC, PoE (802.3af)	24VAC, 12 VDC, PoE (802.3af)	
<b>BRACKETS</b>	CPM+PC140,WML+PC140,PM,CM,CB135	PM,CM,CB130	CPM+PC140,WML+PC140,PM,CM,CB135	PM,CM,CB130	

## THERMAL-OPTICAL CAMERAS

NETWORK CAMERA Bi-Spectrum, Medium Res

Thermal-Optical Cameras
DS-2TD2637-15/QY DS-2TD2637-25/QY DS-2TD2637-35/QY
Outdoor Bullet
384x288, 17 µm, Vanadium Oxide UFPA
8 to 14 µm, < 35 mk @ 25 °C
9.7 mm   15 mm   25mm
(37.5°x 28.5°)   (24.5°x 18.5°)   (14.9° × 11.2°)
1.75, 1.0 m   1.13, 2.5 m   0.68, 25 m
4 MP, 1/2.7" CMOS
50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
0.0089 @ f/1.6, AGC ON B/W: 0 with IR
6 mm (51.7°x28°)   12 mm (25.25° × 14.44°)   14 mm (20.59° × 11.73°)
50   100
±8°C (±14.4°F)
-20~150°C (-4°F to 302°F)
H.265+/H.265/H.264+/H.264/MJPEG
Image Fusion, PIP, 120 dB WDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes
Monitor 10 points, 10 regions and 1 line within
2/2, 1/1
IP66, UL/cUL Listed
-40 to 65 °C (-40 to 149 °F)
*12 VDC, 24V AC, PoE (802.3af), 9.5 W (20 W with De-icing Heater On)*
PM,CM,CB130

## THERMAL PTZ CAMERAS

	Bi-Spectrum, Thermography	
		
<b>MODEL</b>	DS-2TD4228T-10/W	
<b>FORM FACTOR</b>	Thermal-Optical - HeatPro	
<b>Thermal</b>	<b>THERMAL PIXELS, PITCH, SENSOR</b>	256 × 192, 12 µm, Vanadium Oxide UFPA
	<b>SPECTRAL RESPONSE, NETD</b>	8 to 14 µm, < 35 mk @ 25 °C
	<b>FRAME RATE @ RESOLUTION</b>	25fps@256x192
	<b>LENS FOCAL LENGTH</b>	10mm
<b>Optical</b>	<b>FIELD OF VIEW (H°XV°)</b>	18°x13.5°
	<b>IFOV (MRAD), MIN. FOCUS DISTANCE</b>	1.2, 1.2m
	<b>OPTICAL SENSOR</b>	4MP, 1/2.8" CMOS
	<b>FRAME RATE @ RESOLUTION</b>	300 presets; 8 patrols; Up to 32 Presets Per Patrol; 4 patterns; More Than 10 Minutes Per Pattern;
<b>PTZ</b>	<b>MIN. ILLUMINATION (LUX) WITHOUT IR</b>	Color: 0.005 Lux @ (F1.3, AGC ON) B/W: 0.001 Lux @ (F1.3, AGC ON)
	<b>LENS, FIELD OF VIEW (HXV)</b>	4.8-153mm (58.4° × 33.8° to 2.14° × 1.2°)
	<b>IR RANGE MAX (METERS)</b>	100m
	<b>TOTAL ZOOM</b>	32x
<b>Temperature Measurement</b>	<b>PAN, TILT RANGE</b>	Pan: 360° Continuous Rotate Tilt: From -20° to +90° (auto flip)
	<b>MAX. PRESETS, TOURS, PATTERNS</b>	300 presets; 8 patrols; Up to 32 Presets Per Patrol; 4 patterns; More Than 10 Minutes Per Pattern;
<b>Temperature Measurement</b>	<b>TEMPERATURE MEASUREMENT ACCURACY</b>	Max(±2°C, ±2%)
	<b>TEMPERATURE MEASUREMENT RANGE</b>	-20~550°C (-4°F to 1022°F)
<b>VIDEO COMPRESSION</b>		
<b>IMAGE ENHANCEMENT</b>	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	
<b>ALARM I/O, AUDIO I/O</b>	7/2, 1/1	
<b>RATINGS</b>	IP66 Standard TVS 6000V lightning protection, surge protection, voltage transient protection	
<b>OPERATING TEMPERATURE RANGE</b>	-40 °C to 65 °C (-40 °F to 149 °F)	
<b>POWER REQUIREMENTS (MAX.)</b>	24 V AC ± 25% Hi-PoE	
<b>BRACKETS</b>	JBPW-L, PMP+WMP-L, WMP-L	

### Footnotes

Integration Note: All models on this page are ONVIF Profile S and G conformant and support RTSP, ISAPI (RESTful), Hikvision SDK and third party VMS.  
1. Smart Suite: Refer to Data Sheet. Only available in VCA + Temperature Alarm mode.  
2. Fire detection is only available in Temperature Alarm + Fire Detection mode.

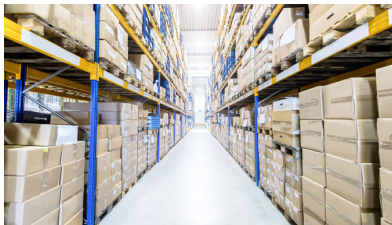


# Performance IP Cameras



Hikvision's Performance Series Products are a great solution for performance on a budget. 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 and ColorVu technologies with Smart Hybrid Lighting.

## APPLICATIONS



Office Buildings, Warehouses and Factories



Parking Lots











Residential

## FEATURES












- 2nd Gen AcuSense provides real-time threat detection that distinguishes people and vehicles from other targets, helping you focus on key events instead of responding to false alarms.
- Motion Detection 2.0 features our upgraded functionality to focus on human and vehicle events with instant alarms and handy search functions.
- 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 some Performance Series cameras improves video quality in low light conditions.
- Hikvision's H.265+ video compression technology captures video using a decreased bitrate, reducing bandwidth requirements and storage costs.

## SMART HYBRID LIGHT CAMERAS WITH COLORVU

								
<b>MODEL</b>	DS-2CD3048G2-LIU	DS-2CD3T48G2-LIS	DS-2CD3148G2-LISU	DS-2CD3348G2-LISU	DS-2CD3648G2T-LIZS	DS-2CD3688G2T-LIZS	DS-2CD3748G2-LIZSU	DS-2CD3788G2T-LIZSU
<b>FORM FACTOR</b>	Fixed Lens Bullet	Fixed Lens Long Bullet	Fixed Lens Dome	Fixed Lens Turret	Verifocal Bullet	Verifocal Bullet	Verifocal Dome	Verifocal Dome
<b>MEGAPIXELS</b>	4MP	4MP	4MP	4MP	4MP	8MP	4MP	8MP
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</b>	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
<b>MIN. ILLUMINATION (LUX)</b>	Color: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with light	Color: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with light	Color: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with light	Color: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with light	Color: 0.001 Lux @ (F1.2, AGC ON), 0 Lux with light	Color: 0.0028 Lux @ (F1.2, AGC ON), 0 Lux with light	Color: 0.001 Lux @ (F1.2, AGC ON), 0 Lux with light	Color: 0.0028 Lux @ (F1.2, AGC ON), 0 Lux with light
<b>FOCAL LENGTH &amp; FOV</b>	2.8 mm, horizontal FOV 100.2°, vertical FOV 54.7°, diagonal FOV 119.7°, 4 mm, horizontal FOV 81.1°, vertical FOV 44.7°, diagonal FOV 94.6°	2.8 mm, horizontal FOV 100.2°, vertical FOV 54.7°, diagonal FOV 119.7°, 4 mm, horizontal FOV 81.1°, vertical FOV 44.7°, diagonal FOV 94.6°	2.8 mm, horizontal FOV 100.2°, vertical FOV 54.7°, diagonal FOV 119.7°, 4 mm, horizontal FOV 81.1°, vertical FOV 44.7°, diagonal FOV 94.6°	2.8 mm, horizontal FOV 100.2°, vertical FOV 54.7°, diagonal FOV 119.7°, 4 mm, horizontal FOV 81.1°, vertical FOV 44.7°, diagonal FOV 94.6°	2.7 to 13.5 mm, horizontal FOV 114.6° to 41.8°, vertical FOV 59.3° to 23.6°, diagonal FOV 141.3° to 48.1°	2.7 to 13.5 mm, horizontal FOV 114.6° to 41.8°, vertical FOV 59.3° to 23.6°, diagonal FOV 141.3° to 48.1°	2.7 to 13.5 mm, horizontal FOV 114.6° to 41.8°, vertical FOV 59.3° to 23.6°, diagonal FOV 141.3° to 48.1°	2.7 to 13.5 mm, horizontal FOV 114.6° to 41.8°, vertical FOV 59.3° to 23.6°, diagonal FOV 141.3° to 48.1°
<b>SUPPLEMENT LIGHT TYPE</b>	IR, White Light	IR, White Light	IR, White Light	IR, White Light	IR, White Light	IR, White Light	IR, White Light	IR, White Light
<b>SUPPLEMENT LIGHT RANGE</b>	Up to 131ft	Up to 131ft	Up to 131ft	Up to 131ft	Up to 196ft	Up to 196ft	Up to 131ft	Up to 131ft
<b>SMART SUPPLEMENT LIGHT</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>IR WAVELENGTH</b>	850nm	850nm	850nm	850nm	850nm	850nm	850nm	850nm
<b>VISUAL ALARM/BI MIC/BI SPK</b>	Built-in Microphone	Audio Line in/out	Built-in mic + audio line in/out	Built-in mic + audio line in/out	audio line in/out	Audio Line in/out	Built-in mic + audio line in/out	Built-in mic + audio line in/out
<b>VIDEO COMPRESSION</b>	Main stream: H.265/H.264/H.264+/H.265+, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, Fourth stream: H.265/H.264/MJPEG, *The third stream and the fourth stream are supported under certain settings	Main stream: H.265/H.264/H.264+/H.265+, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, Fourth stream: H.265/H.264/MJPEG, *The third stream and the fourth stream are supported under certain settings	Main stream: H.265/H.264/H.264+/H.265+, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, Fourth stream: H.265/H.264/MJPEG, *The third stream and the fourth stream are supported under certain settings.	Main stream: H.265/H.264/H.264+/H.265+, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, Fourth stream: H.265/H.264/MJPEG, *The third stream and the fourth stream are supported under certain settings	Main stream: H.265/H.264/H.264+/H.265+, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, Fourth stream: H.265/H.264, Fourth stream: H.265/H.264/MJPEG, *Third stream and fourth stream are supported under certain settings	Main stream: H.265/H.264/H.264+/H.265+, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, Fourth stream: H.265/H.264, Fourth stream: H.265/H.264/MJPEG, *Third stream and fourth stream are supported under certain settings.	Main stream: H.265/H.264/H.264+/H.265+, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, Fourth stream: H.265/H.264, Fourth stream: H.265/H.264/MJPEG, *Third stream and fourth stream are supported under certain settings	Main stream: H.265/H.264/H.264+/H.265+, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, Fourth stream: H.265/H.264, Fourth stream: H.265/H.264/MJPEG, *Third stream and fourth stream are supported under certain settings
<b>RATINGS</b>	IP67	IP67	IP67, IK10	IP67	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
<b>BUILT-IN HEATER</b>	No	No	No	No	No	No	No	No
<b>OPERATING TEMPERATURE RANGE</b>	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
<b>POWER REQUIREMENTS (MAX.)</b>	12 VDC ± 25%, 0.7 A, max. 8.5 W, Ø 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 10 W	12 VDC ± 25%, 0.66 A, max. 8 W, Ø 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 10 W	12 VDC ± 25%, 0.6 A, max. 7.2 W, Ø 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 8.5 W	12 VDC ± 25%, 0.66 A, max. 8 W, Ø 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 10 W	12 VDC ± 25%, 1.21 A, max. 14.5 W, Ø 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3at, Class 4, max. 18 W	12 VDC ± 25%, 1.21 A, max. 14.5 W, Ø 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3at, Class 4, max. 18 W	12 VDC ± 25%, 1.0 A, max. 12 W, Ø 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3at, Class 4, max. 14 W	12 VDC ± 25%, 1.05 A, max. 12.6 W, Ø 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3at, Class 4, max. 15 W
<b>BRACKETS</b>	CBXS	PM, CM	CPM + PC120, CB120, PM, WMS + PC120, CM	CM, CPM + PC130T, WML + PC130T, CB130T, ABM, PM	CB130, CM, PM	CB30, CM, PM	CB140-DM45, SRSL, PM, CPME	CPME, SRSL, PM, CB140-DM45
<b>BRACKETS</b>	PC155, WML, CPM, RCM-5	PM-LPR	PC135H, WML, CPM, PM1, CM1	CM1, PC155, WML, PM1	CB130, PM	PC120, CB120, WMS, CPM	PC140, CB140PT, CPM, WML	CBS, PM, CM



REGULAR IR PERFORMANCE IP CAMERAS

												
<b>MODEL</b>	PCI-D122ZS PCI-D152ZS PCI-D182ZS	PCI-B122ZS PCI-B152ZS PCI-B182ZS	PCI-T152ZS PCI-T182ZS	PCI-D142ZHS PCI-D182ZHS	PCI-B142ZHS PCI-B182ZHS	PCI-D12F2S PCI-D12F4S PCI-D12F6S PCI-D15F2S PCI-D15F2S (BLACK) PCI-D15F4S PCI-D15F6S PCI-D18F2S PCI-D18F2S (BLACK) PCI-D18F4S PCI-D18F6S	PCI-T12F2S PCI-T12F4S PCI-T12F6S PCI-T15F2S PCI-T15F4S PCI-T15F6S PCI-T18F2S PCI-T18F2S (BLACK) PCI-T18F4S PCI-T18F6S	PCI-B12F2S PCI-B12F4S PCI-B12F6S PCI-B15F2S PCI-B15F4S PCI-B15F6S PCI-B18F2S PCI-B18F4S PCI-B18F6S	PCI-LB12F2S PCI-LB12F4S PCI-LB12F6S PCI-LB12F12S PCI-LB15F2S PCI-LB15F4S PCI-LB15F6S PCI-LB15F12S PCI-LB18F2S PCI-LB18F4S PCI-LB18F6S PCI-LB18F12S	PCI-T152ZSL PCI-T15F4SL PCI-T15F6SL	PCI-LB15F2SL PCI-LB15F4SL PCI-LB15F6SL	
<b>FORM FACTOR</b>	Outdoor VF Dome	Outdoor VF Bullet	Outdoor VF Turret	Outdoor Varifocal Anti-Corrosion Dome	Outdoor Varifocal Anti-Corrosion Bullet	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	4/8 MP	4/8 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"	4 MP: 1/1.8" 8 MP: 1/1.8"	4 MP: 1/1.8" 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	4MP: 0.0014 Lux @f/1.4 8MP: 0.0014 Lux @f/1.4	4MP: 0.0014 Lux @f/1.4 8MP: 0.0014 Lux @f/1.4	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 HVXV)</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: 25.7°	2.8 to 12 mm 4 MP: H: 107° to 40°, V: 56° to 22° 8 MP: H: 112° to 41°, V: 58° to 23°	2.8 to 12 mm 4 MP: H: 107° to 40°, V: 56° to 22° 8 MP: H: 112° to 41°, V: 58° to 23°	2.8mm, 4mm, 6mm 2MP: 2.8 mm, H: 107°, V: 57° 4 mm, H: 86°, V: 47° 6 mm, H: 55°, V: 29°	2.8mm, 4mm, 6mm 2MP: 2.8 mm, H: 107°, V: 57° 4 mm, H: 86°, V: 47° 6 mm, H: 55°, V: 29°	2.8mm, 4mm, 6mm 2MP: 2.8 mm, H: 107°, V: 57° 4 mm, H: 86°, V: 47° 6 mm, H: 55°, V: 29°	2.8mm, 4mm, 6mm 2MP: 2.8 mm, H: 107°, V: 57° 4 mm, H: 86°, V: 47° 6 mm, H: 55°, V: 29°	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°	2.8mm, 4mm, 6mm 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°	2.8mm, 4mm, 6mm 2.8 mm, H: 97°, V: 71° 4 mm, H: 78°, V: 58° 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, 140 dB(8MP)/120 dB(4MP)	True, Yes, 140 dB(8MP)/120 dB(4MP)	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	60 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	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 fps 5 MP (2688x1520) @20 fps 8 MP (3840x2160) @20 fps	2 MP (1920x1080) @60 fps 5 MP (2592x1944) @20 fps 8 MP (3840x2160) @20 fps	5 MP (2592x1944) @20 fps 8 MP (3840x2160) @20 fps	4 MP (2688x1520) @30 fps 8 MP (3840x2160) @24 fps	4 MP (2688x1520) @30 fps 8 MP (3840x2160) @24 fps	2 MP (1920x1080) @60 fps 5 MP (2592x1944) @20 fps 8 MP (3840x2160) @20 fps	2 MP (1920x1080) @60 fps 5 MP (2592x1944) @20 fps 8 MP (3840x2160) @20 fps	2 MP (1920x1080) @60 fps 5 MP (2592x1944) @20 fps 8 MP (3840x2160) @20 fps	2 MP (1920x1080) @60 fps 5 MP (2592x1944) @20 fps 8 MP (3840x2160) @20 fps	2 MP (1920x1080) @60 fps 5 MP (2592x1944) @20 fps 8 MP (3840x2160) @20 fps	(2592x1944) @20 fps	(2592x1944) @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	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	
<b>ALARM INPUT/OUTPUT</b>	1/1	1/1	1/1	3/3	3/3	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 . IK 10. UL/cUL Listed	IP67 . IK 10. 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>BUILT-IN HEATER</b>				Yes	Yes							
<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)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-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, 1.08 A, max. 13 W	12 VDC, 1.08 A, max. 13 W	12 VDC, 0.55A, max. 6.5 W	12 VDC, 0.48A, max. 5.8 W	12 VDC, 0.6A, max. 7.2 W	12 VDC, 1.05A, max. 13 W	12 VDC, 0.65A, max. 7.8 W	12 VDC, 0.95A, 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	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	CM1, PC155, WML, PM1	CB130, PM	PC120, CB120,WMS, CPM	PC140, CB140PT,CPM, WML	CBS, PM, CM	CB130,PM,CM	PC140, CB140PT, CPM, WML	CB130,PM,CM	

# ColorVu + X Technology



Hikvision's ColorVu technology is paired with multiple other advanced technologies to bring security to the next level, helping users to see further, wider, and clearer, gaining more valuable insights and proactive facility monitoring.

## FEATURES

- Panoramic camera delivers seamless 180-degree colorful images with no missing coverage
- Up to 4K resolution provides detail-rich full-color images
- Human and vehicle classification to focus on what really matters
- Audio alarm and strobe light camera for proactive deterrence
- Varifocal lens options provide you a flexible installation for your projects

## APPLICATIONS



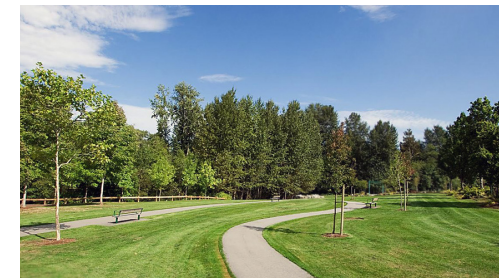
Residential/Gated Communities



Parking Lots













Small Businesses



Parks and Recreation Areas



## NETWORK CAMERAS

	 24/7 Color with White Light 	 24/7 Color with White Light 	 24/7 Color with White Light 	 24/7 Color with White Light 	 24/7 Color Audio Alarm & Strobe Light 	 24/7 Color with White Light 	 24/7 Color with White Light 	 24/7 Color with White Light 	 24/7 Color with White Light 	 24/7 Color with White Light 
<b>MODEL</b>	DS-2CD2347G2-LU DS-2CD2347G2-LU 2.8mm (BLACK) DS-2CD2387G2-LU DS-2CD2387G2-LU 2.8mm (BLACK)	DS-2CD2047G2-LU DS-2CD2087G2-L	DS-2CD2147G2-LSU	DS-2CD2547G2-LS	DS-2CD2347G2-LSU/SL DS-2CD2387G2-LSU/SL	DS-2CD2T47G2-LSU/SL DS-2CD2T87G2-LSU/SL	DS-2CD2647G2-TLZS	DS-2CD2747G2-TLZS	DS-2CD2367G2P-LSU/SL DS-2CD2387G2P-LSU/SL	DS-2CD2T67G2P-LSU/SL DS-2CD2T87G2P-LSU/SL
<b>FORM FACTOR</b>	Outdoor Turret	Outdoor Bullet	Outdoor Dome	Outdoor Compact Dome	Outdoor Turret	Outdoor Bullet	Outdoor Bullet VF	Outdoor Dome VF	Outdoor Panoromic Turret	Outdoor Panoromic Bullet
<b>MEGAPIXELS</b>	4/8 MP	4/8 MP	4MP	4MP	4/8 MP	4/8 MP	4MP	4MP	8 MP	8 MP
<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"	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"	6 MP: 2 × 1/2.5" 8 MP: 2 × 1/1.8"	6 MP: 2 × 1/2.5" 8 MP: 2 × 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	0.0005 @ f/1.0	0.0005 @ f/1.0	0.0005 @ 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°	"2.8 mm, H: 106°, V: 61° 4 mm, H: 95°, V: 51°"	"2.8 mm, H: 112°, V: 61° 4 mm, H: 95°, V: 47°"	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°	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°	2.8 to 12 mm 4 MP: H: 107° to 40°, V: 56° to 22°	2.8 to 12 mm 4 MP: H: 107° to 40°, V: 56° to 22°	6 MP: H: 180° ± 10°, V: 81° 8 MP: H: 180° ± 10°, V: 44°	6 MP: H: 180° ± 10°, V: 81° 8 MP: H: 180° ± 10°, V: 44°
<b>DAY/NIGHT, BLC, WDR</b>	True, Yes, 130 dB	True, Yes, 130 dB	True, Yes, 130 dB	True, Yes, 130 dB	True, Yes, 130 dB	True, Yes, 130 dB	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)	30 m (Adjustable)	30 m (Adjustable)	60 m (Adjustable)	40 m (Adjustable)	40 m (Adjustable)	40 m (Adjustable)	40 m (Adjustable)
<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	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	4MP (2688×1520) @ 30fps	4MP (2688×1520) @ 30fps	4 MP (2688×1520) @ 30fps 8 MP (3840×2160) @ 24fps	4 MP (2688×1520) @ 30fps 8 MP (3840×2160) @ 24fps	4 MP (2688×1520) @ 30fps	4 MP (2688×1520) @ 30fps	6MP (3632 × 1632) @ 20fps 8MP (5120 × 1440) @ 15fps	6MP (3632 × 1632) @ 20fps 8MP (5120 × 1440) @ 15fps
<b>AUDIO INPUT/OUTPUT</b>	LU: Built-in Mic	LU: Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic	-	-	Built-in Mic	Built-in Mic
<b>ALARM INPUT/OUTPUT</b>	-	-	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, UL/cUL Listed	IP67, IK8, UL/cUL Listed	IP67, UL/cUL Listed	IP67, 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>	-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 °C to 60 °C (-22 °F to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30° to 60° C (-22° to 140° F)	-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), 7.6W	12 VDC, PoE (802.3af), 8.5W	12 VDC, PoE (802.3af), 6.5W	12 VDC, PoE (802.3af), 6.5W	12 VDC, PoE (802.3af), 6.5W	12 VDC, PoE (802.3af), 6.5W	12 VDC, PoE (802.3af), 18W	12 VDC, PoE (802.3af), 12.9W	12 VDC, PoE (802.3af), 10.5W	12 VDC, PoE (802.3af), 10.5W
<b>BRACKETS</b>	CPM, PC140, CB135, WML, CM, PM	CBS, CM, PM	PC120, CB120, WMS, CPM	WMS, PC120, PM, CM, CPM, PC120	PC140, WML, CM, CPM, PM, CB140PT	CBS, CB130, CM, PM	PM1, CM1	WML, CPM, PC155, CM, PM, RCM-5	PC155, WML, CPM	CB130, CM, PM, CBS

# Value IP Cameras

## 2ND GEN VALUE IP CAMERAS AND ACUSENSE NVRs:

Outstanding Value with Vast Form Factors, Enhanced Imaging, and AcuSense Motion Detection 2.0



Hikvision's 2nd generation Value IP Cameras and AcuSense NVRs provide real-time threat detection that distinguishes people and vehicles from other targets, helping you focus on key events instead of responding to false alarms. The 2nd gen Value IP Camera delivers outstanding results by setting Motion Detection 2.0 to ON by default, saving users a vast amount of time by eliminating the need to configure settings in the camera. The system allows you to perform target searches quickly and easily, enhancing efficiency for evidence retrieval.

### FEATURES

- Human and vehicle classification to focus on what really matters
- Up to 4K resolution provides detail-rich images
- Built-in microphone for real time audio recording
- Varifocal lens options provide you a flexible installation for your projects

### APPLICATIONS



Retail/Coffee Shops



Office Buildings



Warehouses

















Residential



Parking Lots



## NETWORK CAMERAS

	DarkFighter.	DarkFighter.	DarkFighter.	AcuSense	AcuSense	AcuSense	AcuSense	AcuSense	AcuSense	AcuSense	AcuSense	AcuSense	AcuSense	AcuSense	
	Outdoor EXIR 2.0	Outdoor EXIR 2.0	indoor												
															
MODEL	DS-2CD212560-IMS DS-2CD218560-IMS	DS-2CD2725F-ZS	DS-2CD2955FWD-IS	DS-2CD2023G2-IU DS-2CD2043G2-IU DS-2CD2083G2-IU	DS-2CD2123G2-IU DS-2CD2143G2-IU DS-2CD2143G2-IU (BLACK) DS-2CD2183G2-IU	DS-2CD2323G2-IU DS-2CD2343G2-I DS-2CD2343G2-IU DS-2CD2343G2-IU (BLACK) DS-2CD2383G2-IU DS-2CD2383G2-IU (BLACK)	DS-2CD2523G2-IS DS-2CD2543G2-IS (BLACK) DS-2CD2583G2-IS	DS-2CD2543G2-IWS	DS-2CD2623G2-IZS DS-2CD2643G2-IZS DS-2CD2683G2-IZS	DS-2CD2723G2-IZS DS-2CD2743G2-IZS DS-2CD2743G2-IZS8 (BLACK) DS-2CD2783G2-IZS	DS-2CD2H43G2-IZS DS-2CD2H83G2-IZS	DS-2CD2E43G2-U	DS-2CD2D25G1-D/NF	DS-2CD2D25G1-M/D/NF	
FORM FACTOR	Outdoor Dome	Outdoor Dome	Indoor Fisheye	Outdoor Mini Bullet	Outdoor Dome	Outdoor Turret	Outdoor Mini Dome	Outdoor Wi-Fi Mini Dome	Outdoor Varifocal Bullet	Outdoor Varifocal Dome	Outdoor Varifocal Turret	Indoor In-Ceiling Fixed Dome	Indoor Pinhole	Indoor Covert	
MEGAPIXELS	2/8 MP	2 MP	5 MP	2/4/8 MP	2/4/8 MP	2/4/8 MP	2/4/8 MP	4 MP	2/4/8 MP	2/4/8 MP	4/8 MP	4 MP	2 MP	2 MP	
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	2 MP: 1/2.8" 8 MP: 1/2.5"	1/2.8"	1/2.5"	2 MP: 1/2.8" 4 MP: 1/3" 8 MP: 1/2.8"	2 MP: 1/2.8" 4 MP: 1/3" 8 MP: 1/2.8"	2 MP: 1/2.8" 4 MP: 1/3" 8 MP: 1/2.8"	2 MP: 1/2.8" 4 MP: 1/3" 8 MP: 1/2.8"	4 MP: 1/3"	2 MP: 1/2.8" 4 MP: 1/3" 8 MP: 1/2.8"	2 MP: 1/2.8" 4 MP: 1/3" 8 MP: 1/2.8"	4 MP: 1/3" 8 MP: 1/2.8"	4 MP: 1/3"	1/2.8"	1/2.8"	
MIN. ILLUMINATION (LUX)	2 MP: 0.009 @ f/1.6, 8 MP: 0.028 @ f/2.0	Color: 0.014 @ f/1.4	Color: 0.034 @ f/2.2	2/4/8 MP: 0.005 @ f/1.6 B/W: 0 with IR	2/4/8 MP: 0.005 @ f/1.6 B/W: 0 with IR	2/4/8 MP: 0.005 @ f/1.6 B/W: 0 with IR	2/4/8 MP: 0.005 @ f/1.6 B/W: 0 with IR	4 MP: 0.005 @ f/1.6 B/W: 0 with IR	2/4/8 MP: 0.005 @ f/1.6 B/W: 0 with IR	2/4/8 MP: 0.005 @ f/1.6 B/W: 0 with IR	4/8 MP: 0.005 @ f/1.6 B/W: 0 with IR	4 MP: 0.005 @ f/1.6	Color: 0.002 @ f/1.2	Color: 0.002 @ f/1.2	
LENS (FOV H X V)	2 MP: 2.8mm: H: 108°, V: 58° 4mm: H: 86°, V: 46° 6mm: H: 52°, V: 29° 8 MP: FOV 2.8 mm:H: 102°, V: 53° 4mm, H: 79°, V: 42° 6mm, H: 50°, V: 28°	6 to 22mm H: 44° to 25.8° V: 24.2° to 14.5°	1.05 mm @ f/2.2 (H: 180°, V: 180°)	2 MP: 2.8 mm H:107°, V: 57° 4 mm H: 87°, V: 46° 4 MP: 2.8 mm H: 103°, V: 55° 4 mm H: 84°, V: 45° 8 MP, 2.8 mm H:107°, V: 57° 4 mm, H: 87°, V: 46°	2 MP: 2.8 mm:H: 107°, V: 57° 4 mm:H: 87°, V: 46° 4 MP: 2.8 mm: H: 103°, V: 55° 4 mm: H: 84°, V: 45° 8 MP: 2.8 mm: H: 107°, V: 57° 4 mm, H: 87°, V: 46°	2 MP: 2.8 mm: H: 107°, V: 57° 4 mm: H: 86°, V: 46° 4 MP: 2.8 mm: H: 103°, V: 58° 4 mm: H: 83°, V: 45° 8 MP: 2.8 mm: H: 102°, V: 53° 4 mm, H: 79°, V: 42°	2 MP: 2.8 mm, H: 108°, V: 59° 4 mm, H: 86°, V: 47° 4 MP: 2.8 mm, H: 103°, V: 56° 4 mm, H: 84°, V: 43° 6 MP: 2.8 mm, H: 106°, V: 59° 4 mm, H: 88°, V: 44°	4 MP: 2.8 mm, H: 103°, V: 56° 4 mm, H: 84°, V: 43°	2.8 to 12 mm @ f/1.6, motorized, autofocus 2 MP: H: 107° to 32° V: 55° to 18° 4 MP: H: 96° to 29° V: 51° to 17° 8 MP: H: 108° to 30° V: 56° to 17°	2.8 to 12 mm @ f/1.6, motorized, autofocus 2 MP:H: 107° to 32° V: 55° to 18° 4 MP: H: 96° to 29° V: 51° to 17° 8 MP: H: 108° to 30° V: 56° to 14°	2.8 to 12 mm @ f/1.6, motorized, autofocus 4 MP: H: 96° to 29° V: 51° to 17° 8 MP: H: 108° to 30° V: 56° to 17°	2.8 mm: H: 103°,V: 55° 4 mm: H: 84°, V: 43° H: 76°, V: 42°	Pinhole, 3.7 mm @ f/1.2/ 78° H: 76°, V: 42°	2.8 mm: H: 108°,V: 58° 4mm: H: 83°, V: 45°	
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	
IR RANGE MAX (METERS)	30	-	8	40	30	30	30	30	60	40	40	-	-	-	
VIDEO COMPRESSION	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	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.265/ H.264+/H.264/MJPEG	H.265+/H.264/MJPEG	H.265+/H.264/MJPEG
MAX. IMAGE RESOLUTION (PIXELS) AND FRAME RATE	2 MP (1920x1080), 60 8 MP (3840x2160), 20	2 MP (1920x1080), 30	5 MP (2560x1920), 30	2 MP (1920x1080), 30 4 MP (2688x1520), 30 8 MP (3840x2160), 20	2 MP (1920x1080), 30 4 MP (2688x1520), 30 8 MP (3840x2160), 20	2 MP (1920x1080), 30 4 MP (2688x1520), 30 8 MP (3840x2160), 20	2 MP (1920x1080), 30 4 MP (2688x1520), 30 8 MP (3840x2160), 20	4 MP (2688x1520), 30	2 MP (1920x1080), 30 4 MP (2688x1520), 30 8 MP (3840x2160), 20	2 MP (1920x1080), 30 4 MP (2688x1520), 30 8 MP (3840x2160), 20	4 MP (2688x1520), 30 8 MP (3840x2160), 20	4 MP (2688x1520), 30	2 MP (1920x1080), 60	2 MP (1920x1080), 60	
AUDIO INPUT/OUTPUT	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	Built-in Mic	Built-in Mic	Built-in Mic	IN: Mic & 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	Built-in Mic	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	
ALARM INPUT/OUTPUT	1/1	1/1	1/1	-	-	-	1/1	1/1	1/1	1/1	1/1	-	-	-	
RATINGS	UL/cUL Listed	IP67, IK10, UL/cUL Listed	UL/cUL Listed	IP67, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, 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	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	
OPERATING TEMPERATURE RANGE	-10 to 40 °C (14 to 104 °F)	-30 to 60 °C (-22 to 140 °F)	-10 to 50 °C (-14 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)	-10 to 50 °C (14 to 122 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	
POWER REQUIREMENTS (MAX.)	12 VDC, PoE (802.3af), 8.5 W	24 VAC ± 10%, Ø5.5mm coaxial power plug; PoE (802.3af), 8.5W	12 VDC, PoE (802.3af), 7.5 W	12 VDC, PoE (802.3af), 7.2 W	*12 VDC, PoE (802.3af), 7.5 W	12 VDC, PoE (802.3af), 8 W	12 VDC, PoE (802.3af), 10 W	12 VDC, PoE (802.3af), 10 W	12 VDC, PoE (802.3af), 15 W	12 VDC, PoE (802.3af), 12 W	12 VDC, PoE (802.3af), 12.5 W	12 VDC, 3.2 W	12 VDC, 1.5 W	12 VDC, 1.5 W	
BRACKETS	PC120, WMS, CPM, CM, PM	RCM-G, Fits in DF-5 housing	WM-C AB-FE2 PP1 PP2	CBXS	PM, CB120(B), SRSM, CM, CPM, PC120(B), WMS(B)	WML(B), PC130T(B), CM, PM, CB130T(B), CBM(B), ABM(B), CPM	WMS(B), PC120(B), CPM, CM, PM, CB120(B)	WMS(B), PC120(B), CPM, CM, PM, CB120(B)	CBS, CB130, CM, PM	WML(B), PC155(B), CPM, CM, PM, CB155(B), RCM-DM44	WML(B), PC140(B), CPM, CB140(B)	-	-	-	

# Value Network PTZ Cameras



## LONG DISTANCE 24/7 COLORFUL IMAGING

- Fixed F1.2 Aperture with ColorVu technology

## WHITE LIGHT AND IR LIGHT OPTIONAL

- 492 feet (150 m) IR Light or 328 Feet (100 m) white light

## INTELLIGENCE

- AcuSense technology
- Auto Tracking 2.0
- Live Guard



ColorVu

DS-2DE7A812MCG-EB  
DS-2DE7A412MCG-EB  
DS-2DE7A220MCG-EB

PTZ with ColorVu is the first fixed F1.2 large aperture PTZ in the market, which is able to provide up to 328 feet long distance monitoring with color details through the zooming process. It's the only camera with ColorVu that support Auto Tracking 2.0 function. The PTZ with ColorVu support two kinds of supplemental light, white light or IR light. For users who enjoy the covert of IR light, PTZ with ColorVu provides better black and white imaging due to its large sensor and large aperture compared to conventional PTZ.

## AUDIBLE ALARM AND STROBE LIGHT RESPOND TO SECURITY THREATS PROACTIVELY, IN REAL TIME

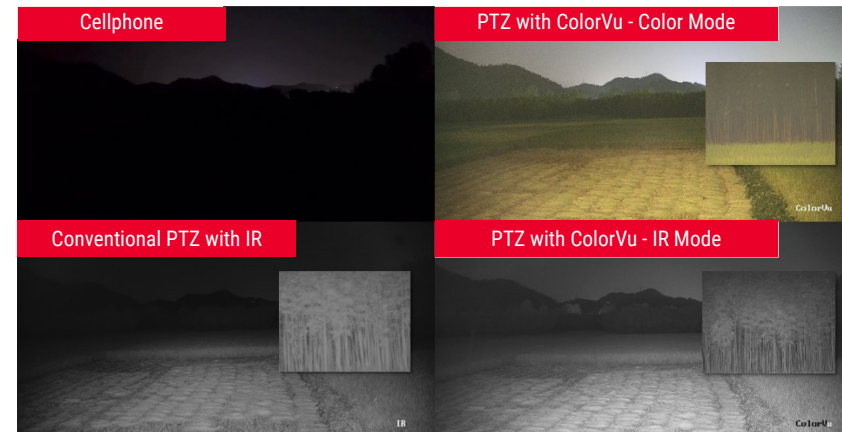
When a human or vehicle target is detected, triggering a VCA event, the strobe light and audio alarm work instantly to ward off the trespasser.

**Warning! This is a restricted area, please keep away!**

\*Audio customization is supported.  
(3 pieces)



## ADAPTABLE TO VARIOUS SCENARIOS WITH FLEXIBLE LIGHTING









**NETWORK PTZ CAMERAS**



Smart Tracking

<b>MODEL</b>	DS-2DE2A404IW-DE3	DS-2DE3A400BW-DE	DS-2DE3404W-DE	DS-2DY3220IW-DE	DS-2DY3220IW-DE4	DS-2DE4A225IW-DE	DS-2DE4A425IW-DE	DS-2DE4A425IWG-E	DS-2DE4425IW-DE	DS-2DE5225W-AE3	DS-2DE5232W-AE
<b>TYPE</b>	INDOOR IR PTZ	INDOOR/OUTDOOR PT	INDOOR/OUTDOOR PTZ	INDOOR/OUTDOOR IR PTZ	INDOOR/OUTDOOR IR PTZ	INDOOR/OUTDOOR IR PTZ	INDOOR/OUTDOOR IR PTZ	INDOOR/OUTDOOR IR PTZ (Smart Tracking)	INDOOR/OUTDOOR IR PTZ	INDOOR PTZ	INDOOR/OUTDOOR PTZ
<b>MEGAPIXELS</b>	4 MP	4 MP	4 MP	2 MP	2 MP	2 MP	4 MP	4MP	4 MP	2 MP	2 MP
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</b>	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"
<b>MIN. ILLUMINATION (LUX)</b>	Color: 0.005 @ f/1.6 B/W: 0 with IR	Color: 0.0005 @ f/1.0	Color: 0.005 @ f/1.5 B/W: 0.001 @ f/1.5	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 with IR	Color: 0.005 @ f/1.6 B/W: 0.001 @ f/1.6; 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
<b>LENS (FOV H X V)</b>	2.8 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
<b>OPTICAL ZOOM (DIGITAL)</b>	4x(16x)	-	4x (16x)	20x (16x)	20x (16x)	25x (16x)	25x (16x)	25x (16x)	25x (16x)	25x (16x)	32x (16x)
<b>PAN RANGE</b>	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
<b>TILT RANGE</b>	0° to 90°	0° to 90°	0 to 90°	-40° to 30°	-40° to 30°	-5° to 90°	-5° to 90°	-5° to 90°	-15° to 90° (auto flip)	0° to 90°	-5° to 90°
<b>PAN &amp; TILT SPEED (MANUAL)</b>	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 300°/sec. & 0.1° to 160°/sec.	0.1° to 300°/sec. & 0.1° to 350°/sec.	0.1° to 80°/sec. & 0.1° to 80°/sec.	0.1° to 250°/sec. & 0.1° to 150°/sec.	0.1° to 250°/sec. & 0.1° to 150°/sec.
<b>PAN &amp; TILT SPEED (PRESET)</b>	Pan: 100°/sec. Tilt: 100°/sec.	60°/sec. & 50°/sec.	60°/sec. & 50°/sec.	50°/sec. & 25°/sec.	50°/sec. & 25°/sec.	350°/sec. & 200°/sec.	350°/sec. & 200°/sec.	160°/sec. & 200°/sec.	80°/sec. & 80°/sec.	300°/sec. & 200°/sec.	300°/sec. & 200°/sec.
<b>DAY/NIGHT</b>	True	TRUE	True	True	True	True	True	True	True	True	True
<b>IMAGE ENHANCEMENT</b>	120 dB WDR, AGC, AWB, DNR, BLC	120 dB WDR, 3D DNR, HLC, EIS	120 dB, AGC, AWB, 3D DNR, HLC, BLC, Digital Defog	DWDR, AGC, AWB, 3D DNR, HLC, BLC, Defog	DWDR, AGC, AWB, 3D DNR, HLC, BLC, Defog	120 dB WDR, HLC, BLC, 3D DNR, Defog, EIS, Regional Exposure, Regional Focus	120 dB WDR, HLC, BLC, 3D DNR, Defog, EIS, Regional Exposure, Regional Focus	120 dB WDR, HLC, BLC, 3D DNR, Defog, EIS, Regional Exposure, Regional Focus	120 dB WDR, HLC, BLC, 3D DNR, Defog, EIS, Regional Exposure, Regional Focus	120 dB WDR, HLC, BLC, 3D DNR, Defog, EIS, Regional Exposure, Regional Focus	120 dB WDR, HLC, BLC, 3D DNR, Defog, EIS, Regional Exposure, Regional Focus
<b>IR RANGE MAX (METERS)</b>	20	-	-	100	100	50	50	50	100	-	-
<b>WHITE LIGHT</b>	-	30	-	-	-	-	-	-	-	-	-
<b>3D POSITIONING</b>	Yes	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<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/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/MJPEG	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
<b>MAX. IMAGE RESOLUTION (PIXELS)AND FRAME RATE</b>	2560x1440, 24	4 MP (2560x1440), 30	3 MP (2048x1536), 30	2 MP (1920x1080), 60	2 MP (1920x1080), 60	2 MP (1920x1080), 60	4MP: 2560x1440, 30	4MP: 2560x1440, 30	4 MP (2560x1440), 30	2 MP (1920x1080), 30	2 MP (1920x1080), 60
<b>RATINGS</b>	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	IP66, UL/cUL Listed	IP66, UL/cUL Listed	IP66, UL/cUL Listed	UL/cUL Listed	IP66, IK10, UL/cUL Listed
<b>OPERATING TEMPERATURE RANGE</b>	-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)	-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)
<b>POWER REQUIREMENTS (MAX.)</b>	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), 23 W	12 VDC, PoE + (802.3at), 24 W	12 VDC, PoE (802.3at)	24 VAC, PoE+ (802.3at), 20 W	24V AC, Hi-PoE, 22 W
<b>BRACKETS</b>	PP1, PP2, WMP-MPZ	Wall Mount Included	PC140PT, RPM, WMS, WML, PM, CM, RCM-4, PC140PT, CPM, CPME, CB140PT	Wall Mount Included		PC-DE4A, RPM, WML, PM, CM, RCM-DE4A, CPM, CPME, CB-DE4A	PC-DE4A, RPM, WML, PM, CM, RCM-DE4A, CPM, CPME, CB-DE4A	DS-1605ZJ, DS-1671ZJ-SD11, DS-1280ZJ-SD11, DS-1691ZJ-L, DS-1691ZJ-M	RPM, WMP-L, CMP, PMP, JBPW-L, CMP-JB, PMP-JB, CPM-S, CPM-L, CPME	Ceiling Recess/Flush Mount Included	RPM, WMP-L, CMP, PMP, JBPW-L, CMP-JB, PMP-JB, CPM-S, CPM-L, CPME

## NETWORK PTZ CAMERAS

							
<b>MODEL</b>	DS-2DE7A425IW-AEB	DS-2DE7A432IW-AEB	DS-2DE7A825IW-AEB	DS-2DE7A220MCG-EB	DS-2DE7A412MCG-EB	DS-2DE7A812MCG-EB	
<b>TYPE</b>	INDOOR/OUTDOOR IR PTZ (Smart Tracking)	INDOOR/OUTDOOR IR PTZ (Smart Tracking)	INDOOR/OUTDOOR IR PTZ (Smart Tracking)	INDOOR/OUTDOOR IR PTZ (Smart Tracking)	INDOOR/OUTDOOR IR PTZ (Smart Tracking)	INDOOR/OUTDOOR IR PTZ (Smart Tracking)	
<b>MEGAPIXELS</b>	4 MP	4 MP	8 MP	2 MP	4 MP	8 MP	
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</b>	1/2.8"	1/1.8"	1/1.8"	1/1.8"	1/1.8"	1/1.8"	
<b>MIN. ILLUMINATION (LUX)</b>	Color: 0.005 @ f/1.6, B/W: 0.001 @ f/1.6; 0 with IR	Color: 0.005 @ f/1.5 B/W: 0 with IR	Color: 0.005 @ f/1.5 B/W: 0 with IR	Color: 0.0005Lux @ f/1.2 B/W: 0.0001Lux @ f/1.2, 0 lux with light	Color: 0.0005Lux @ f/1.2 B/W: 0.0001Lux @ f/1.2, 0 lux with light	Color: 0.0005Lux @ f/1.2 B/W: 0.0001Lux @ f/1.2, 0 lux with light	
<b>LENS (FOV H X V)</b>	4.8 to 120 mm, motorized zoom, autofocus	5.9 to 188.8 mm, motorized zoom, autofocus	5.9 to 147.5 mm, motorized zoom, autofocus	6.7 to 134 mm, motorized zoom, autofocus	6.7 to 80.4 mm, motorized zoom, autofocus	6.7 to 80.4mm, motorized zoom, autofocus	
<b>OPTICAL ZOOM (DIGITAL)</b>	25x (16x)	32x (16x)	25x (16x)	20x (16x)	12x (16x)	12x (64x)	
<b>PAN RANGE</b>	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless	
<b>TILT RANGE</b>	-15° to 90°	-15° to 90°	-15° to 90°	-15° to 90°	-15° to 90°	-15° to 90°	
<b>PAN &amp; TILT SPEED (MANUAL)</b>	0.1° to 160°/sec. & 0.1° to 120°/sec.	0.1° to 160°/sec. & 0.1° to 120°/sec.	0.1° to 160°/sec. & 0.1° to 120°/sec.	0.1° to 160°/sec. & 0.1° to 120°/sec.	0.1° to 160°/sec. & 0.1° to 120°/sec.	0.1° to 160°/sec. & 0.1° to 120°/sec.	
<b>PAN &amp; TILT SPEED (PRESET)</b>	240°/sec. & 200°/sec.	240°/sec. & 200°/sec.	240°/sec. & 200°/sec.	240°/sec. & 200°/sec.	240°/sec. & 200°/sec.	240°/sec. & 200°/sec.	
<b>DAY/NIGHT</b>	True	True	True	True	True	True	
<b>IMAGE ENHANCEMENT</b>	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>	200	200	200	150	150	150	
<b>WHITE LIGHT</b>	-	-	-	100	100	100	
<b>3D POSITIONING</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	
<b>MAX. IMAGE RESOLUTION (PIXELS) AND FRAME RATE</b>	4 MP (2560x1440), 30	4 MP (2560x1440), 30	8 MP (3840x2160), 24	2 MP (1920x1080), 24	4 MP (2560x1440), 30	8 MP (3840x2160), 24	
<b>RATINGS</b>	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed	
<b>OPERATING TEMPERATURE RANGE</b>	-30 to 65 °C (-22 to 149 °F)	-30 to 65 °C (-22 to 149 °F)	-30 to 65 °C (-22 to 149 °F)	-30 to 65 °C (-22 to 149 °F)	-30 to 65 °C (-22 to 149 °F)	-30 to 65 °C (-22 to 149 °F)	
<b>POWER REQUIREMENTS (MAX.)</b>	24V AC, Hi-PoE (802.3at), 42 W	24V AC, Hi-PoE (802.3at), 42 W	24V AC, Hi-PoE (802.3at), 42 W	24V AC, Hi-PoE (802.3at), 42 W	24V AC, Hi-PoE (802.3at), 42 W	24V AC, Hi-PoE (802.3at), 42 W	
<b>BRACKETS</b>	DS-1602ZJ, DS-1660ZJ, DS-1661ZJ, DS-1663ZJ, DS-1673ZJ, DS-1682ZJ DS-1604ZJ, DS-1604ZJ-BOXCORNER, DS-1619ZJ, DS-1681ZJ, DS-1662ZJ, DS-1604ZJ-BOXPOLE, DS-1667ZJ, DS-1604ZJ-box	RPM, WMP-L, CMP, PMP, JBPW-L, CMP-JB, PMP-JB, CPM-S, CPM-L, CPME	DS-1602ZJ, DS-1660ZJ, DS-1661ZJ DS-1663ZJ, DS-1673ZJ, DS-1682ZJ DS-1604ZJ, DS-1604ZJ-BOXCORNER, DS-1619ZJ, DS-1681ZJ, DS-1662ZJ, DS-1604ZJ-BOXPOLE, DS-1667ZJ, DS-1604ZJ-box	WMP-L, DS-1681ZJ, JBPW-L, SNB-PV, CPM-S, CMPL, PMPL, RPM, CPME, PMP, DS-1667ZJ, CPM-L, JBPW, DS-1663ZJ, DS-1100KI(B)	WMP-L, DS-1681ZJ, JBPW-L, SNB-PV, CPM-S, CMPL, PMPL, RPM, CPME, PMP, DS-1667ZJ, CPM-L, JBPW, DS-1663ZJ, DS-1100KI(B)	WMP-L, DS-1681ZJ, JBPW-L, SNB-PV, CPM-S, CMPL, PMPL, RPM, CPME, PMP, DS-1667ZJ, CPM-L, JBPW, DS-1663ZJ, DS-1100KI(B)	WMP-L, DS-1681ZJ, JBPW-L, SNB-PV, CPM-S, CMPL, PMPL, RPM, CPME, PMP, DS-1667ZJ, CPM-L, JBPW, DS-1663ZJ, DS-1100KI(B)

## NETWORK PTZ CAMERAS

				
<b>MODEL</b>	DS-2SE4C425MWG-E(14F0)	DS-2SE7C432MW-AEB(14F1) (P3)	DS-2SF8C442MXS-DLW(14F1) (P3)	DS-2SF8C442MX-GELW/26(F0)
<b>TYPE</b>	TandemVu PTZ	TandemVu PTZ	TandemVu PTZ	TandemVu PTZ
<b>MEGAPIXELS</b>	Panoramic: 4M; PTZ: 4M	Panoramic: 4M; PTZ: 4M	Panoramic: 4M; PTZ: 4M	Panoramic: 6M; PTZ: 4M
<b>MIN. ILLUMINATION (LUX)</b>	[Bullet channel]: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light; [PTZ channel]: Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux @ (F1.6, AGC ON), 0 Lux with IR	Bullet: 0.0005 @ f/1.0; 0 lux with light PTZ: Color 0.005 @ f/1.5, B/W 0.001 @ f/1.5; 0 Lux	Bullet: 0.0005 @ f/1.0; 0 lux with light PTZ: Color 0.005 @ f/1.2, B/W 0.001 @ f/1.2; 0 Lux	[Panoramic channel] Color: 0.0005 Lux @ f/1.4, B/W: 0.0001 Lux @ f/1.4, 0 Lux with light [PTZ channel] Color: 0.0005 Lux @ f/1.3, B/W: 0.0001 Lux @ f/1.3, 0 lux with IR
<b>LENS (FOV H X V)</b>	[Bullet channel]: 2.8mm (H: 96.1°, V: 52.1°) [PTZ channel]: 74.8-120mm (25X) (H: 55°-2.4°, V: 33°-1.4°)	Panoramic: 4mm (H: 79°, V: 42.4°) PTZ: 5.9 mm to 188.8 mm (60.2° - 2.3°)	Panoramic: 4mm (H: 89°, V: 45.5°) PTZ: 5.9 mm to 252 mm (59° - 2°)	Panoramic: 2.8 mm (H: 190°, V: 80°) PTZ: 2.8 mm to 252 mm (H: 59° - 2°, V: 34.2° - 11°)
<b>WHITE LIGHT RANGE MAX</b>	30M (98ft)	30M (98ft)	30M (98ft)	30M (98ft)
<b>OPTICAL ZOOM (DIGITAL)</b>	25X (16X Digital)	32X (16X Digital)	42X (16X Digital)	42X (16X Digital)
<b>PAN RANGE</b>	360° endless	360° endless	360° endless	360° endless
<b>TILT RANGE</b>	-15° to 90°	-15° to 90°	-20° to 90°	-20° to 90°
<b>PAN &amp; TILT SPEED (MANUAL)</b>	0.1° to 80°/sec. & 0.1° to 80°/sec.	0.1° to 160°/sec. & 0.1° to 120°/sec.	0.1° to 160°/sec. & 0.1° to 120°/sec.	0.1° to 160°/sec. & 0.1° to 120°/sec.
<b>PAN &amp; TILT SPEED (PRESET)</b>	80°/sec. & 80°/sec.	240°/sec. & 200°/sec.	240°/sec. & 200°/sec.	240°/sec. & 200°/sec.
<b>DAY/NIGHT</b>	True	True	True	True
<b>IMAGE ENHANCEMENT</b>	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>	100M (300 ft)	150M (490 ft)	300M (980 ft)	300M (980 ft)
<b>3D POSITIONING</b>	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
<b>"MAX. IMAGE RESOLUTION (PIXELS) AND FRAME RATE"</b>	4 MP (2560x1440), 30	4 MP (2560x1440), 30	4 MP (2560x1440), 30	Panoramic: 6 MP (3680x1656), 30 PTZ: 4 MP (2560x1440), 30
<b>RATINGS</b>	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed
<b>"OPERATING TEMPERATURE RANGE"</b>	-30 to 65 °C (-22 to 149 °F)	-30 to 65 °C (-22 to 149 °F)	-40 to 70 °C (-40° to 158 °F)	-40 to 70 °C (-40° to 158 °F)
<b>"POWER REQUIREMENTS (MAX.)"</b>	12V DC, Hi-PoE (802.3at), 24 W	24V AC, Hi-PoE (802.3at), 42 W	36V VDC, Hi-PoE (802.3at), 60 W	36V DC, Hi-PoE (802.3at), 60 W
<b>BRACKETS</b>	CPM-S, WMP-S, DS-1681ZJ, DS-1663ZJ	CPMS, WMP-L, CMP, PMP	DS-1661ZJ-P, DS-1603ZJ-Pole-P, DS-1603ZJ-P	DS-1661ZJ-P, DS-1603ZJ-Pole-P, DS-1603ZJ-P, CPM-L-G

# Value Express IP Cameras



Designed and built for projects that are budget-conscious and require excellent performance, our Value Express product family hosts H.265+ video compression technology for improved bandwidth. This range of IP and TurboHD products are available in multiple 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

## NETWORK CAMERAS

	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-D64Z2	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, H 86°, V 46° ECI-D14F: 2.8 mm, H 100°, V 55° 4 mm, H 77°, =V 42° ECI-T22F: 2.8 mm, H 114.5°, =V 62° 4 mm, H 86°, V 46° ECI-T24F: 2.8 mm, H 100°, V 55° 4 mm, H 77°, V 42°			2.8 to 12 mm @ f/1.6, motorized ECI-D62Z2/ECI-B62Z2: H: 98° to 34° V: 52° to 19° ECI-D64Z2/ECI-B64Z2: H: 98° to 28° V: 51° to 16°	
<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

	
<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/Regional Focus
<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 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.

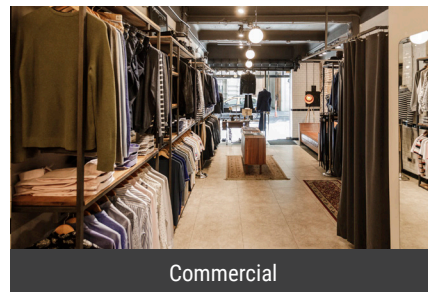
## FEATURES

- High performance, fully loaded NVRs from 4- to 256-channel inputs
- H.265+ compression technology that minimizes bandwidth
- 8K Ultra High Definition (UHD) HDMI output or dual 4K resolution output
- Storage capacity from 1 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

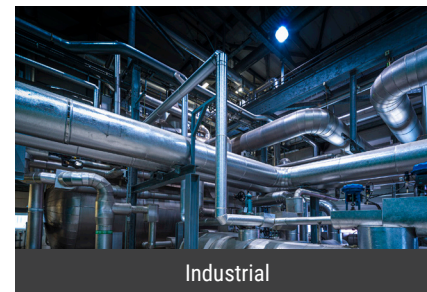
## APPLICATIONS



Residential



Commercial



Industrial

## NETWORK VIDEO RECORDERS

	M SERIES	<b>NEW!</b> M SERIES	SUPER NVR
<b>MODEL</b>	DS-9616NI-M8 DS-9632NI-M8 DS-9664NI-M8	DS-9664NI-M16/R DS-96128NI-M16/R	DS-96128NI-I24/H DS-96256NI-I24/H
<b>MAX. RECORDING RESOLUTION</b>	32 MP	32 MP	12 MP
<b>VIDEO COMPRESSION</b>	H.264, H264+, H.265, H.265+, MPEG4	H.264, H264+, H.265, H.265+, MPEG4	H.265, H.265+, H.264, H.264+,MPEG4, (MJPEG for Hikvision IP camera only)
<b>HDMI/VGA OUTPUT</b>	7680x4320/3840x2160(HDMI/VGA1 Synchronous, 3840x2160/1920x1080(HDMI2/ VGA Synchronous), HDMI1/HDMI2 Independent	7680x4320/3840x2160(HDMI/VGA1 Synchronous, 3840x2160/1920x1080(HDMI2/ VGA Synchronous), HDMI1/HDMI2 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	128/256
<b>ALARM INPUT/OUTPUT</b>	16/9	16/9	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
<b>INTERNAL SATA</b>	8 SATA interfaces (up to 14 TB each)	16 SATA interfaces (up to 14 TB each)	24 SATA interfaces, hot-swap, (up to 10 TB each)
<b>MAXIMUM INTERNAL STORAGE</b>	112 TB	224 TB	240 TB
<b>MAX INCOMING BANDWIDTH (MBPS)</b>	DS-9616NI-I8: 280 DS-9632NI-I8: 320 DS-9664NI-I8: 400	400	768
<b>MAXIMUM OUTGOING BANDWIDTH (MBPS)</b>	400	400	128 Ch: 512 256 Ch: 768
<b>MAX. REMOTE CONNECTIONS</b>	128	128	128
<b>RACK UNITS</b>	2	3	4
<b>POWER REQUIREMENTS</b>	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC, 50 to 60 Hz, redundant power supply	100 to 240 VAC, 50 to 60 Hz
<b>POWER CONSUMPTION</b>	≤30 W without HDD or DVD-R/W	≤50 W without HDD	≤140 W without HDD

## NETWORK VIDEO RECORDERS



	DEEPMIND
<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>POWER REQUIREMENTS</b>	100 to 240 VAC, 50 to 60 Hz



## NETWORK VIDEO RECORDERS

	<b>Q SERIES PLUG AND PLAY</b>	<b>K SERIES WITH ACUSENSE</b>	<b>M SERIES PLUG AND PLAY</b>	<b>M SERIES PLUG AND PLAY</b>	<b>M SERIES PLUG AND PLAY</b>
					
<b>MODEL</b>	DS-7604NI-Q1/4P DS-7608NI-Q2/8P DS-7616NI-Q2/16P	DS-7604NXI-K1/4P DS-7608NXI-K2/8P DS-7616NXI-K2/16P	DS-7608NI-M2/8P DS-7616NI-M2/16P	DS-7716NI-M4/16P	DS-7732NI-M4 DS-7732NI-M4/16P DS-7732NI-M4/24P
<b>MAX. RECORDING RESOLUTION</b>	8MP	12 MP	12 MP	12 MP	12 MP
<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+/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 (3840x2160)/1920x1080 sync output	4K (3840x2160)/1920x1080, independent output (except 4-ch)	7680 x 4320/1920x1080, independent output	2x HDMI - 7680 x 4320/3840 x 2160 1x VGA - 1920x1280 1 CVBS output)	2x HDMI - 7680 x 4320/3840 x 2160 1x VGA - 1920x1280 1 CVBS output)
<b>IP VIDEO INPUT</b>	4/8/16-ch IPC with integrated 4/8/16-port 802.3af/at PoE switch	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 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	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	4 ch/1 ch	16 ch/9 ch	16 ch/9 ch
<b>INTERNAL SATA</b>	1 (4ch)/2 (8/16ch) SATA interface (up to 8 TB each)	1 (4ch)/2 (8/16ch) SATA interface (up to 10 TB each)	2 SATA interfaces (up to 10 TB each)	4 SATA interfaces (up to 10 TB each)	4 SATA interfaces (up to 10 TB each)
<b>MAX. INTERNAL STORAGE</b>	8 TB (4ch), 16 TB (8/16ch)	10 TB (4ch), 20 TB (8/16ch)	20 TB	40 TB	40 TB
<b>MAX INCOMING BANDWIDTH (MBPS)</b>	40 (4ch), 80 (8ch), 160 (16ch)	40 (4ch), 80 (8ch), 160 (16ch)	128 (8ch), 256 (16ch)	256	320
<b>MAXIMUM OUTGOING BANDWIDTH (MBPS)</b>	80	80 (4ch), 160 (8/16ch)	256	256	400
<b>MAX. REMOTE CONNECTIONS</b>	16 16 (4ch), 64 (8/16ch)	128	128	128	128
<b>RACK UNITS</b>	1	1	1	1,5	1,5
<b>RATINGS</b>	UL/cUL Listed	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)	50 W (4ch) 80 W (8ch), 150 W (16ch)	120 W (8ch), 200 W (16ch)	200 W	0 (14), 200 W (16P)
<b>POWER REQUIREMENTS</b>	48VDC (4ch), 100- 240VAC (8/16ch), ≤15W without HDD	48VDC (4ch), 100- 240VAC (8/16ch), ≤10W without HDD	100 to 240 VAC, ≤15W without HDD	100 to 240 VAC, ≤15W without HDD	100 to 240 VAC, ≤15W without HDD

## NETWORK VIDEO RECORDERS

	<b>I SERIES WITH ACUSENSE</b>	<b>I SERIES WITH ACUSENSE</b>
		
<b>MODEL</b>	DS-7608NXI-I2/8P/S DS-7616NXI-I2/16P/S	DS-7716NXI-I4/16P/S DS-7732NXI-I4/S DS-7732NXI-I4/16P/S
<b>MAX. RECORDING RESOLUTION</b>	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
<b>VIDEO COMPRESSION</b>	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
<b>HDMI/VGA OUTPUT</b>	4K (3840x2160)/1920x1080 independent output	2x HDMI - 3840x2160/1920x1080, 1x VGA - 1920x1080, HDMI1/VGA simultaneous output 1x CVBS output
<b>IP VIDEO INPUT</b>	7608: 8-ch IPC with integrated 8-port 802.3af/at PoE switch 7616: 16-ch IPC with integrated 16-port 802.3af/ at PoE switch	7716: 16-ch IPC with integrated 16-port 802.3af/at PoE switch 7732: 32-ch IPC with integrated 0/16-port 802.3af/at PoE switch
<b>AUDIO INPUT/OUTPUT</b>	1 line in/1 line out	1 line in/1 line out
<b>ALARM INPUT/OUTPUT</b>	4 ch/1 ch	16 ch/4 ch
<b>INTERNAL SATA</b>	2 SATA interfaces (up to 10 TB each)	4 SATA interfaces (up to 10 TB each)
<b>MAX. INTERNAL STORAGE</b>	20 TB	40 TB
<b>MAX INCOMING BANDWIDTH (MBPS)</b>	7608: 80 7616: 160	7716: 160 7732: 256
<b>MAXIMUM OUTGOING BANDWIDTH (MBPS)</b>	256	256
<b>MAX. REMOTE CONNECTIONS</b>	128	128
<b>RACK UNITS</b>	1	1,5
<b>RATINGS</b>	UL/cUL Listed	UL/cUL Listed
<b>POE BUDGET</b>	7608: 120 W 7616: 200 W	200 W
<b>POWER REQUIREMENTS</b>	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC, 50 to 60 Hz

# Value Express IP Kits



Hikvision's ColorVu IP Bundle Kit elevates our IP kit with plug-and-play ColorVu IP cameras, a 4K NVR, and a pre-installed HDD. This provides a convenient DIY experience and allows customers to enjoy 24/7 vivid, color images. ColorVu's f1.0 large aperture, high-sensitivity sensor, and advanced ISP imaging technology provide full-color video and images around the clock.

Value Express IP IR 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 in residential or small business applications. These IP Kits include 4-, 8-, or 16- channel recorders along with 4, 6, or 12 cameras respectively.












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 for full-color video and images around the clock.

## FEATURES

- Includes 4 MP/4K ColorVu/IR 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
- IR KIT Cameras include latest EXIR 2.0 illumination up to 100 ft. (30 m)
- ColorVu Kit Cameras include white supplemental light up to 100 ft. (30 m)



**IP NVR/CAMERA KITS**

											
<b>MODEL</b>	EKI-K41T44	EKI-K82T46	EKI-K164T412	EKI-K41D44	EKI-K82D46	EKI-K164D412	EKI-K82T86	EKI-K41B44W	EKI-K41T44C	EKI-K82T46C	EKI-K164T412C
<b>FORM FACTOR</b>	Turret	Turret	Turret	Dome	Dome	Dome	Turret	Bullet	Turret	Turret	Turret
<b>NUMBER OF KIT CAMERAS</b>	4	6	12	4	6	12	6	4	4	6	12
<b>CAMERA SPECIFICATION</b>	ECI-T24F2	ECI-T24F2	ECI-T24F2	ECI-D24F2	ECI-D24F2	ECI-D24F2	ECI-T28F2	DS-2CV1041G1-IDW	DS-2CD1347G2-LUF	DS-2CD1347G0-LUF	DS-2CD1347G2-LUF
<b>MEGAPIXELS</b>	4 MP	4 MP	4 MP	4 MP	4 MP	4 MP	8MP	4MP	4MP	4MP	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	Color: 0.001 lux @ f/1.0	Color: 0.001 lux @ f/1.0	Color: 0.001 lux @ f/1.0
<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	Fixed, 2.8 mm @ f/1.0	Fixed, 2.8 mm @ f/1.0	Fixed, 2.8 mm @ f/1.0
<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	Yes	Yes	Yes
<b>BLC/WDR</b>	Yes/Digital	Yes/Digital	Yes/Digital	Yes/120 dB	Yes/120 dB	Yes/120 dB	Yes/Digital	Yes/Digital	Yes/Digital	Yes/Digital	Yes/Digital
<b>IR RANGE MAX (METERS)</b>	30	30	30	30	30	30	30	30	30 (White Light)	30 (White Light)	30 (White Light)
<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	H.265+/H.264/MJPEG	H.265+/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	2560x1440, 20	2560x1440, 20	2560x1440, 20
<b>MOTION DETECTION</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>AUDIO INPUT/OUTPUT</b>	-	-	-	-	-	-	-	Built-in Mic	Built-in Mic	Built-in Mic	Built-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	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, 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 -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), 6.5 W	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), 6.5 W	12 VDC, PoE (802.3af), 6.5 W	12 VDC, PoE (802.3af), 6.5 W	12 VDC, 6 W	12 VDC, PoE (802.3af), 6.5 W	12 VDC, PoE (802.3af), 6.5 W	12 VDC, PoE (802.3af), 6.5 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	WML, PC130T, CM, PM, CB130T, CBM, ABM, CPM	CBXS	WMS, PC110T, CM, PM, CBS, ABS	WMS, PC110T, CM, PM, CBS, ABS	WMS, PC110T, CM, PM, CBS, ABS
<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	ERI-K104-P4	ERI-K108-P8	ERI-K216-P16
<b>MAX. RECORDING RESOLUTION</b>	8 MP	8 MP	8 MP	8 MP	8 MP	8 MP	8 MP	4 MP	8 MP	8 MP	8 MP
<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	H.265+/H.265/ H.264+/H.264	H.265+/H.265/ H.264+/H.264
<b>HDMI/VGA OUTPUT</b>	1920x1080/1920x1080, synchronized output	1920x1080/1920x1080, synchronized output	1920x1080/1920x1080, synchronized output	1920x1080/1920x1080, synchronized output	1920x1080/1920x1080, synchronized output	1920x1080/1920x1080, synchronized output	1920x1080/1920x1080, synchronized output	1920x1080/1920x1080, synchronized output	1920x1080/1920x1080, synchronized output	1920x1080/1920x1080, synchronized output	1920x1080/1920x1080, synchronized 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	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
<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	1 TB	2 TB	4 TB
<b>MAX. INTERNAL STORAGE</b>	6 TB	6 TB	6 TB	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	40	80	160
<b>MAXIMUM OUTGOING BANDWIDTH (MBPS)</b>	80	80	80	80	80	80	80	40	80	80	80
<b>MAX. REMOTE CONNECTIONS</b>	128	128	128	128	128	128	128	16	128	128	128
<b>RACK UNITS</b>	1	1	1	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	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	---	50 W	80 W	150 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	48VDC, ≤10W without HDD	48VDC, ≤10W without HDD	48VDC, ≤15W 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.

## APPLICATIONS



Residential



Retailers







Supermarkets

## FEATURES

- Choice of budget-level Value series (U1T, H0T, D3T), Performance series (DF3T and HFT ColorVu), or fully featured Pro series (U7T, H8T, 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
- ColorVu 24/7 color imaging in complete darkness



## COLORVU TURBOHD CAMERAS

	 ColorVu, 24/7 Color, White Light	 ColorVu, 24/7 Color, White Light	 ColorVu, 24/7 Color, White Light	 ColorVu, 24/7 Color, White Light	 ColorVu, 24/7 Color, White Light	 ColorVu, 24/7 Color, White Light	 ColorVu, 24/7 Color, White Light	 ColorVu, 24/7 Color, White Light	 ColorVu, 24/7 Color, White Light
									
<b>MODEL</b>	DS-2CE12DF3T-FS 2.8mm DS-2CE12DF3T-FS 3.6mm	DS-2CE72DF3T-FS 2.8mm DS-2CE72DF3T-FS 3.6mm	DS-2CE10KF0T-FS 2.8mm DS-2CE10KF0T-FS 3.6mm	DS-2CE70KF0T-MFS 2.8mm DS-2CE70KF0T-MFS 3.6mm	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 Fixed	Outdoor Turret Fixed	Outdoor Bullet Fixed	Outdoor Turret Fixed	Outdoor Bullet Fixed	Outdoor Turret Fixed	Outdoor Bullet Varifocal	Outdoor Dome Varifocal	Outdoor Turret Varifocal
<b>MEGAPIXELS</b>	2 MP	2 MP	5 MP (16:9)	5 MP (16:9)	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	TVI	TVI
<b>HD-TVI RESOLUTION</b>	1920×1080	1920×1080	2960 x 1665	2960 x 1665	2560 x 1944	2560 x 1944	1920×1080	1920×1080	1920×1080
<b>CVBS RESOLUTION</b>	960H	960H	960H	960H	960H	960H	-	-	-
<b>SENSOR SIZE</b>	2 MP CMOS	2 MP CMOS	5 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	0.001 @ f/1.0 B/W: 0 with IR	0.001 @ 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>	2.8mm: H 98°, V 52° 3.6mm: H 77°, V 42°	2.8mm: H 98°, V 52° 3.6mm: H 77°, V 42°	2.8mm: H 102°, V 56° 3.6mm: H 80°, V 45°	2.8mm: H 102°, V 56° 3.6mm: H 80°, V 45°	2.8mm: H 99.7°, V 72° 3.6mm: H 80.1°	2.8mm: H 99.7°, V 72° 3.6mm: H 80.1°	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/Digital WDR	24/7 Color/Yes/Digital WDR	24/7 Color/Yes/≥130 dB	24/7 Color/Yes/≥130 dB	24/7 Color, Yes, 130 dB	24/7 Color, Yes, 130 dB	24/7 Color, Yes, 130 dB
<b>IR RANGE MAX (METERS)</b>	White Light Distance Up to 40 m	White Light Distance Up to 40 m	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 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, built-in mic	Yes, built-in mic	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	IP68, UL/cUL Listed	IP68, IK 10, UL/cUL Listed	IP68, IK 10, UL/cUL Listed
<b>OPERATING TEMPERATURE RANGE</b>	-40 to 50 °C (-40 to 122 °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% ; 5.7W	12 VDC ± 25% ; 5.7W	12 VDC ± 25% ; 2.5W	12 VDC ± 25% ; 2.5W	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	PC110T, CBS, ABS, PM, CM	CBXS	PC110T, CBS, ABS, PM, CM	CBXS	PC110T, CBS, ABS, PM, CM	CBS	WML, PC155, CPM	PC140, PC140PT, WML, CM, PM, CPM

## TURBOHD ANALOG CAMERAS

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>	1920×1080
<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

Outdoor EXIR



Outdoor EXIR, Power over Coax (PoC)



Outdoor EXIR



Outdoor EXIR



<b>MODEL</b>	DS-2CE16D3T-IT3F 2.8mm DS-2CE16D3T-IT3F 3.6mm	DS-2CC12D9T-IT3E 2.8mm DS-2CC12D9T-IT3E 3.6mm	DS-2CE17H0T-IT3F 2.8mm DS-2CE17H0T-IT3F 3.6mm	DS-2CE16U7T-IT3F 2.8mm
<b>FORM FACTOR</b>	Outdoor Bullet Fixed	Outdoor Bullet Fixed	Outdoor Bullet Fixed	Outdoor Bullet Fixed
<b>MEGAPIXELS</b>	2 MP	2 MP	5 MP	8 MP
<b>VIDEO OUT</b>	TVI/AHD/CVI/CVBS	HD-TVI/CVBS (Dual)	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS
<b>HD-TVI RESOLUTION</b>	1920×1080	1920×1080	2560×1944	3840×2160
<b>CVBS RESOLUTION</b>	960H	720*576	960H	960H
<b>SENSOR SIZE</b>	2 MP CMOS	2 MP CMOS	5 MP CMOS	8 MP CMOS
<b>MIN. ILLUMINATION (LUX)</b>	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
<b>LENS (FOV H X V)</b>	2.8 mm: H 106°, 3.6 mm, H 82°	2.8 mm, H 103.5°, 3.6 mm, H 82.6°	2.8 mm, H 85.5°, 3.6 mm, H 80.1°	2.8 mm: H 102.2°
<b>DAY/NIGHT, BLC, WDR</b>	True, Yes, 120 dB	True, Yes, 120 dB	True/Yes/Digital	True/Yes/130 dB
<b>IR RANGE MAX (METERS)</b>	50	IT3E: 40	40	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%, 5.6W	12 VDC ±30%/PoC.at, IT3E: 4W	12 VDC ±25% 4.3W	12 VDC ±25%, 4.2W
<b>BRACKETS</b>	CBXS	CBXS	CBXS	CBXS

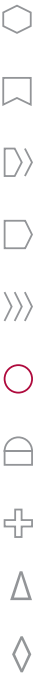


## TURBOHD ANALOG CAMERAS

	Outdoor EXIR, Power over Coax (PoC)	Outdoor EXIR, Power over Coax (PoC)	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR
						
<b>MODEL</b>	DS-2CC12D9T-AIT3ZE	DS-2CE16D9T-AIRAZH	DS-2CE19D3T-AIT3ZF	DS-2CE19H0T-AIT3ZF	DS-2CE19H8T-AIT3ZF	DS-2CE19U7T-AIT3ZF
<b>FORM FACTOR</b>	Outdoor Bullet Varifocal	Outdoor Bullet Varifocal	Outdoor Bullet Varifocal	Outdoor Bullet Varifocal	Outdoor Bullet Varifocal	Outdoor Bullet Varifocal
<b>MEGAPIXELS</b>	2 MP	2 MP	2 MP	5 MP	5 MP	8 MP
<b>VIDEO OUT</b>	HD-TVI/CVBS (Dual)	HD-TVI/CVBS (Dual)	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS
<b>HD-TVI RESOLUTION</b>	1920x1080	1920x1080	1920x1080	2560x1944	2560x1944	3840x2160
<b>CVBS RESOLUTION</b>	720*576	600TVL	700TVL	700TVL	700TVL	960H
<b>SENSOR SIZE</b>	2 MP CMOS	2 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: 0.003 @ 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>	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°	2.7 mm to 13.5 mm motorized vari-focal lens, H 102° to 31°	2.7 mm to 13.5 mm motorized vari-focal lens, H 95° to 26°	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 108.1° to 45.6°
<b>DAY/NIGHT, BLC, WDR</b>	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True/Yes/Digital	True/Yes/130 dB	True/Yes/130 dB
<b>IR RANGE MAX (METERS)</b>	40	120	70	40	80	80
<b>OSD MENU VIA UP-THE-COAX (UTC)</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>RATINGS</b>	IP67, UL/cUL Listed	IP66, 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)	-40 to 60 °C (-40 to 140 °F)
<b>POWER REQUIREMENTS (MAX.)</b>	24 V AC/12 V DC ±30%/PoC.at,7.5W	" 24 VAC, 20 W"	24 VAC ±15%, 12 VDC ±20%, 9.7W	12 VDC±15%, 24 VAC±15%, 8.8W	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC, 10.5W	" 12 VDC ±25%, 24 VDC ±25%, 10.8W"
<b>BRACKETS</b>	CBS, PM, CM	-	CBS, PM, CM	CBS, PM, CM	CBS, PM, CM	CBS, PM, CM

## TURBOHD ANALOG CAMERAS







	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR, Power over Coax (PoC)	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR
								
<b>MODEL</b>	DS-2CE57D3T-VPITF 2.8mm DS-2CE57D3T-VPITF 3.6mm DS-2CE57D3T-VPITFB 2.8mm (black)	DS-2CE57H0T-VPITF 2.8mm DS-2CE57H0T-VPITF 3.6mm DS-2CE57H0T-VPITF (black)	DS-2CE57U7T-VPITF 2.8mm	DS-2CC52D9T-AVPIT3ZE	DS-2CE5AD3T-AVPIT3ZF DS-2CE5AD3T-AVPIT3ZF (black)	DS-2CE5AH0T-AVPIT3ZF	DS-2CE59H8T-AVPIT3ZF	DS-2CE59U7T-AVPIT3ZF
<b>FORM FACTOR</b>	Outdoor Dome	Outdoor Dome	Outdoor Dome	Outdoor VF Dome	Outdoor VF Dome	Outdoor VF Dome	Outdoor VF Dome	Outdoor VF Dome
<b>MEGAPIXELS</b>	2 MP	5 MP	8 MP	2 MP	2 MP	5 MP	5 MP	8 MP
<b>VIDEO OUT</b>	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	HD-TVI	HD-TVI/CVBS (Dual)	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	HD-TVI
<b>HD-TVI RESOLUTION</b>	1920x1080	2560x1944	3840x2160	1920x1080	1920x1080	2560x1944	2560x1944	3840x2160
<b>CVBS RESOLUTION</b>	700TVL	960H	960H	720*576	700TVL	700TVL	700TVL	960H
<b>SENSOR SIZE</b>	2 MP CMOS	5 MP CMOS	8 MP CMOS	2 MP CMOS	2 MP CMOS	5 MP CMOS	5 MP CMOS	8 MP CMOS
<b>MIN. ILLUMINATION (LUX)</b>	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: 0.01 @ 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>	2.8 mm, H 106°, 3.6 mm, H 82°	2.8 mm, H 85.5°, 3.6 mm, H 80.1°	2.8 mm, H 102.2°	2.8 mm to 12 mm motorized vari-focal lens, H 98° to 32.1°	2.7 mm to 13.5 mm motorized vari-focal lens, H 102° to 31°	2.7 mm to 13.5 mm motorized vari-focal lens, H 95° to 26°	2.7 mm to 13.5 mm motorized vari-focal lens, H 92.3° to 29.3°	2.8 mm to 13.5 mm motorized vari-focal lens, H 108.1° to 45.6°
<b>DAY/NIGHT, BLC, WDR</b>	True, Yes, 120 dB	TRUE/Yes/Digital	True, Yes, 130 dB	True, Yes, 120 dB	True, Yes, 120 dB	TRUE/Yes/Digital	TRUE/Yes/130 dB	True, Yes, 130 dB
<b>IR RANGE MAX (METERS)</b>	30	Up to 20 m	40	40	70	40	60	60
<b>OSD MENU VIA UP-THE-COAX (UTC)</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<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, IK10, UL/cUL Listed	IP67,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)	-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%, 4.6W	12 VDC ±25%, 4.3W	12 VDC ±25%, 4.8W	24 VAC/12 VDC ±30%/PoC.at,6W	24 VAC ±15%, 12 VDC ±20%, 9.7W	12 VDC±15%, 24 VAC±15%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC, 8W	12 VDC ±25%, 24 VDC ±25%, 8.2W"
<b>BRACKETS</b>	AB110(B), PC110(B)+WMSB, PM,CM, CB110(B), WM110(B), SRSM, SRS(B), PC110+CPM	AB110B, PC110B+WMSB, PM, CM, CB110B, WM110B	AB110,PC110+WMS, PM, CM, CB110, WM110, SRSM, SRS, PC110+CPM	WML+PC140,CPM+PC140,RCM-2,ABL,PM,CM.SRSL,SRS	WML(B)+PC140(B),CPM+PC140,P M,CM,CB140-DM45,SRSL	WML+PC140,CPM+PC140,RCM-2,ABL,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



## TURBOHD ANALOG CAMERAS


	Outdoor EXIR, Power over Coax (PoC)	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR
					
<b>MODEL</b>	DS-2CC52D9T-IT3E 2.8mm DS-2CC52D9T-IT3E 3.6mm	DS-2CE76D3T-ITMF 2.8mm DS-2CE76D3T-ITMF 3.6mm DS-2CE76D3T-ITMFB 2.8mm	DS-2CE71H0T-PIRLO	DS-2CE76H0T-ITMF 2.8mm DS-2CE76H0T-ITMF 3.6mm	DS-2CE78H0T-IT3F 2.8mm DS-2CE78H0T-IT3F 3.6mm
<b>FORM FACTOR</b>	Outdoor Turret Fixed	Outdoor Turret Fixed	Outdoor Turret Fixed	Outdoor Turret Fixed	Outdoor Turret Fixed
<b>MEGAPIXELS</b>	2 MP	2 MP	5 MP	5 MP	5 MP
<b>VIDEO OUT</b>	HD-TVI/CVBS (Dual)	TVI/AHD/CVI/CVBS	HD-TVI	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS
<b>HD-TVI RESOLUTION</b>	1920x1080	1920x1080	2560x1944	2560x1944	2560x1944
<b>CVBS RESOLUTION</b>	720*576	700TVL	-	960H	960H
<b>SENSOR SIZE</b>	2 MP CMOS	2 MP CMOS	5 MP CMOS	5 MP CMOS	5 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: 0.01 @ 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>	Fixed 2.8 mm, 3.6 mm	Fixed 2.8 mm, 3.6 mm	Fixed 2.8 mm	Fixed 2.8 mm, 3.6 mm	Fixed 2.8 mm, 3.6 mm
<b>DAY/NIGHT, BLC, WDR</b>	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, DWDR	True, Yes, DWDR	True, Yes, DWDR
<b>IR RANGE MAX (METERS)</b>	40	30	20	20	40
<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 ±30%/PoC.af,4W	12 VDC ±25%, 4.6W	12 VDC ±25%, 4W	12 VDC ±25%, 4.3W	12 VDC ±25%, 4.3W
<b>BRACKETS</b>	PC110T/CBS/ABS	PC110T/CBXS	WMS+PC110T,PM,CM,CBS,ABS	PC110T, PM, CBXS	PC110T, CBS, ABS

## TURBOHD ANALOG CAMERAS

	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR, Power over Coax (PoC)	Outdoor EXIR	Outdoor EXIR	Outdoor EXIR
						
<b>MODEL</b>	DS-2CE76U7T-ITMF 2.8mm DS-2CE76U7T-ITMF 3.6mm	DS-2CE78U7T-IT3F 2.8mm	DS-2CC52D9T-AITZE	DS-2CE79D3T-IT3ZF	DS-2CE79H8T-AIT3ZF	DS-2CE79U7T-AIT3ZF
<b>FORM FACTOR</b>	Outdoor Turret Fixed	Outdoor Turret Fixed	Outdoor Turret Varifocal	Outdoor Turret Varifocal	Outdoor Turret Varifocal	Outdoor Turret Varifocal
<b>MEGAPIXELS</b>	8 MP	8 MP	2 MP	2 MP	5 MP	8 MP
<b>VIDEO OUT</b>	HD-TVI	HD-TVI	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS	HD-TVI
<b>HD-TVI RESOLUTION</b>	3840×2160	3840×2160	1920×1080	1920×1080	2560×1944	3840×2160
<b>CVBS RESOLUTION</b>	960H	960H	700TVL	700TVL	-	960H
<b>SENSOR SIZE</b>	8 MP CMOS	8 MP CMOS	2 MP CMOS	2 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: 0.003 @ 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: 0.003 @ f/1.2, B/W: 0 with IR
<b>LENS (FOV H X V)</b>	Fixed 2.8 mm, 3.6 mm	Fixed 2.8 mm	2.8 mm to 12 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, 130 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 130 dB	True, Yes, 130 dB
<b>IR RANGE MAX (METERS)</b>	60	60	40	70	60	80
<b>OSD MENU VIA UP-THE-COAX (UTC)</b>	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
<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)
<b>POWER REQUIREMENTS (MAX.)</b>	12 VDC ±25%, 4.2W	12 VDC ±25%, 4.2W	24 VAC/12 VDC ±30%/PoC.at, 6W	12 VDC ±25%, 7.7W	12 VDC ±20%, 24 VAC ±20%, 10.5W	12 VDC ±20%, 24 VAC ±20%, 11W
<b>BRACKETS</b>	PC110T/CBS/ABS	PC110T/CBS/ABS	PC130T/CBM/ABM	PC130T/CBM/ABM	CBM	PC130T/CBM/ABM

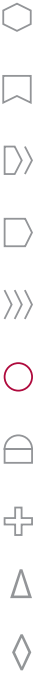


## TURBOHD ANALOG PTZ CAMERAS

	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>	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
<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

## TURBOHD ANALOG CAMERA VALUE EXPRESS SERIES

	TVI Analog Outdoor	TVI Analog Outdoor	TVI Analog Outdoor EXIR	TVI Analog Outdoor EXIR	TVI Analog Outdoor EXIR
					
<b>MODEL</b>	ECT-B12	ECT-T12	ECT-B32V2	ECT-D32V2	ECT-T32V2
<b>FORM FACTOR</b>	Bullet	Turret	Bullet	Dome	Turret
<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°	0° to 360° / 0° to 75°/0° to 360°
<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	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	12 VDC Max. 4.8 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 security market—supporting traditional analog (CVBS), HD-TVI, and IP cameras. Thanks to autosensing technology, installation is extremely easy.

## FEATURES

- High performance, fully loaded project Pro DVRs have extra capacity and RAID for larger project applications, up to 12 MP IPC connectivity and support Point-of-Sale (POS) interface
- Tribrid DVRs include H.265+ video compression, reducing storage requirements
- On-Screen-Display (OSD) menu available up-the-coax (UTC) to manage camera settings
- Value Series DVRs are our most popular DVRs and offer budget-priced enhanced performance models, up to 8 MP IPC connectivity and Power over Coax (PoC) models
- Both Value and Pro Series DVRs support deep learning-based motion detection 2.0 on all analog channels

## APPLICATIONS



Residential










Retailers



Supermarkets

## TURBOHD 4.0 TRIBRID DVRs

	DIGITAL VIDEO RECORDER PRO SERIES	DIGITAL VIDEO RECORDER PERFORMANCE	DIGITAL VIDEO RECORDER PERFORMANCE	DIGITAL VIDEO RECORDER VALUE SERIES	DIGITAL VIDEO RECORDER VALUE SERIES (POC)	DIGITAL VIDEO RECORDER VALUE SERIES	DIGITAL VIDEO RECORDER VALUE SERIES
							
<b>MODEL</b>	iDS-7204HQHI-M1/S iDS-7208HQHI-M2/S iDS-7216HQHI-M2/S	iDS-7204HUHI-M1/S iDS-7208HUHI-M2/S iDS-7216HUHI-M2/S	iDS-7204HUHI-M1/P iDS-7208HUHI-M2/P iDS-7216HUHI-M2/P	iDS-7204HTHI-M1/S iDS-7208HTHI-M2/S	iDS-7316HQHI-M4/S iDS-7332HQHI-M4/S	iDS-7316HUHI-M4/S iDS-7332HUHI-M4/S	iDS-9016HUHI-M8/S iDS-9032HUHI-M8/S
<b>MAX. RECORDING RESOLUTION</b>	2 MP	5MP	5 MP	8 MP	2 MP	5 MP	5 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
<b>HDMI/VGA Output</b>	1-ch, 1920 × 1080/60 Hz, simultaneous output	4-ch: 1-ch, 1920 × 1080/60Hz 8-ch/16-ch: 1-ch, 4K (3840 × 2160)/30Hz simultaneous output	4-ch: 1-ch, 1920 × 1080/60Hz 8-ch/16-ch: 1-ch, 4K (3840 × 2160)/30Hz simultaneous output	4K (3840×2160)/1920×1080 independent	4K (3840×2160)/1920×1080 simultaneous output	4K (3840×2160)/1920×1080 HDMI1/VGA simultaneous output, HDMI2/VGA independent output	4K (3840×2160)/1920×1080 HDMI1/VGA simultaneous output, HDMI2/VGA independent output
<b>Spot Monitor Output (BNC)</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Analog Input</b>	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 1.0 Vp-p, 75 Ω	16-Ch/32-Ch 1.0 Vp-p, 75 Ω	16-Ch/32-Ch 1.0 Vp-p, 75 Ω	16-Ch/32-Ch 1.0 Vp-p, 75 Ω
<b>Video Standard</b>	HDTV/AHD/CVI/CVBS/IP	HDTV/AHD/CVI/CVBS/IP	HDTV/AHD/CVI/CVBS/IP	HDTV/AHD/CVI/CVBS/IP	HDTV/AHD/CVI/CVBS/IP	HDTV/AHD/CVI/CVBS/IP	HDTV/AHD/CVI/CVBS/IP
<b>Encoding Capability</b>	4 MP@15 fps/1080p@30 fps	8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/1080p@30 fps	8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/1080p@30 fps	8 MP@15fps, 5 MP@20fps, 4 MP/1080p@30fps	4 MP@15 fps/1080p@30 fps	8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/1080p@30 fps	8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/1080p@30 fps
<b>Audio Input/Output</b>	Yes, all channels	Yes, all channels	Yes, all channels	Yes, all channels	16/2	16/2	16/2
<b>Alarm Input/Output</b>	4-ch: 4/1 8-ch: 8/4 16-ch: 16/4	4-ch: 4/1 8-ch: 8/4 16-ch: 16/4	4-ch: 4/1 8-ch: 8/4 16-ch: 16/4	"4-ch: 4/1 8-ch: 8/4"	16/4	16/4	16/4
<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>	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: 2 (up to 10 TB each)	4 (up to 10 TB each)	4 (up to 10 TB each)	8 (up to 10 TB each)
<b>Max Internal Storage</b>	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: 20 TB	40 TB	40 TB	80 TB
<b>Max. Analog (CVBS) Resolution</b>	WD1 (960H)	WD1 (960H)	WD1 (960H)	WD1 (960H)	WD1 (960H)	WD1 (960H)	WD1 (960H)
<b>Hikvision IP Camera Support</b>	4-ch: 1-ch up to 6 MP (up to 5-ch) 8-ch: 2-ch up to 6 MP (up to 10-ch) 16-ch: 2-ch up to 6 MP (up to 18-ch)	4-ch: 2-ch up to 8 MP (up to 6-ch) 8-ch: 4-ch up to 8 MP (up to 12-ch) 16-ch: 8-ch up to 8 MP (up to 24-ch)	4-ch: 2-ch up to 8 MP (up to 6-ch) 8-ch: 4-ch up to 8 MP (up to 12-ch) 16-ch: 8-ch up to 8 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: 4-ch up to 6 MP (up to 20-ch) 32-ch: 16-ch up to 6 MP (up to 48-ch)	16-ch: 18-ch up to 12 MP (up to 34-ch) 32-ch: 32-ch up to 12 MP (up to 64-ch)	16-ch: 18-ch up to 12 MP (up to 34-ch) 32-ch: 32-ch up to 12 MP (up to 64-ch)
<b>Human/Vehicle Analysis</b>	motion detection 2.0: all channels Perimeter Protection: 4-ch: up to 2-ch 8-ch/16-ch: up to 4-ch	motion detection 2.0: all channels Perimeter Protection: up to 4-ch	motion detection 2.0: all channels Perimeter Protection: up to 4-ch	motion detection 2.0: all channels Perimeter Protection: 4-ch: 4-ch 8-ch: 8-ch	motion detection 2.0: all channels (New FW needed)	motion detection 2.0: all channels (New FW needed)	motion detection 2.0: all channels (New FW needed)
<b>Ratings</b>	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
<b>Chassis</b>	1U	1U	1U	1U	1.5U	1.5U	2U
<b>Power Requirements</b>	12 VDC, ≤24 W without HDD	12 VDC, ≤19 W without HDD	12 VDC, ≤20 W without HDD	12 VDC, ≤15 W without HDD	100 to 240 VAC, ≤55 W without HDD	100 to 240 VAC, ≤55 W without HDD	100 to 240 VAC, ≤55 W without HDD



# TurboHD™ Kits



Hikvision now offers a complete recorder and 2 or 5 MP ColorVu camera kits for single-site applications. The kits contain a recorder and multiple cameras in a single box, suitable for DIY applications such as residences or small businesses looking to enhance their security system with a space-saving system. Get your hands on this advanced security kit today to experience new colors, clarity, stability, and convenience as you start securing your property with ease. These TurboHD Kits include 4, 8, or 16-channel recorders and 4, 6 or 12 cameras respectively.

The new 2 MP ColorVu TurboHD eSSD Bundle Kits offer the perfect solution for your video security needs with 24/7 full-color and intelligent, advanced tracking with Motion Detection 2.0. This bundle includes an embedded solid-state drive (eSSD) for reliable storage of video, a 45% reduction in power consumption, and a compact design. With impressive Motion Detection 2.0, you'll never miss a thing—it allows you to focus on human and vehicle events with instant alarms and handy search functions.







## FEATURES

- 2 MP Turbo Kit with eSSD design delivers outstanding shock resistance to prevent video loss, reduces power consumption by 45% to help users save energy costs, and is eco-friendly
- Captures high-quality, full-color video 24/7 to protect people and property at night with the same sharp rendering as in daylight
- Motion Detection 2.0 to gain effective false alarm reduction and focus on what really matters
- Up-the-Coax camera menu programming
- Auto-detect HD-TVI/CVBS inputs




## APPLICATIONS





## TURBOHD DVR/CAMERA KITS

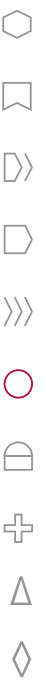
									
<b>MODEL</b>	EKT-K41T24	EKT-K82T26	EKT-SSD424	T7204U1TA4	T7208U2TA6	T7216U4TA12	T7204U1TA4C	T7208U2TA6C	T7216U4TA12C
<b>FORM FACTOR</b>	Turret	Turret	Turret	Turret	Turret	Turret	Turret	Turret	Turret
<b>NUMBER OF KIT CAMERAS</b>	4	6	4	4	6	12	4	6	12
<b>CAMERA</b>	ECT-T12F2	ECT-T12F2	DS-2CE70DF0T-MF	DS-2CE76H0T-ITMF	DS-2CE76H0T-ITMF	DS-2CE76H0T-ITMF	DS-2CE70KF0T-MFS	DS-2CE70KF0T-MFS	DS-2CE70KF0T-MFS
<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: 0.001 @ f/1.0 B/W: 0 with White Light	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: 0.001 Lux @ f/1.0 B/W: 0 with White Light	Color: 0.001 Lux @ f/1.0 B/W: 0 with White Light	Color: 0.001 Lux @ f/1.0 B/W: 0 with White Light
<b>HD-TVI RESOLUTION</b>	1080p	1080p	1080p	5 MP	5 MP	5 MP	5 MP	5 MP	5 MP
<b>LENS</b>	Fixed 2.8 mm	Fixed 2.8 mm	Fixed 2.8 mm	Fixed 2.8 mm	Fixed 2.8 mm	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 (ICR), Yes, DWDR	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/Digital	TRUE/Yes/Digital
<b>IR RANGE</b>	20m (65 ft)	20m (65 ft)	20m (65 ft)	20m (65 ft)	20m (65 ft)	20m (65 ft)	20m (65 ft)	20m (65 ft)	20m (65 ft)
<b>OSD MENU</b>	Yes, over UTC	Yes, over UTC	Yes, over UTC	Yes, over UTC	Yes, over UTC	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	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 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)
<b>POWER REQUIREMENTS (MAX.)</b>	12 VDC, 4W	12 VDC, 4W	12 VDC, 2.4W	12 VDC ±25%, 4.3W	12 VDC ±25%, 4.3W	12 VDC ±25%, 4.3W	12 VDC ±25%, 2.5W	12 VDC ±25%, 2.5W	12 VDC ±25%, 2.5W
<b>DVR</b>	ERT-K2041	ERT-K2082	DS-E04HQHI-B	iDS-7204HUHI-M1/S	iDS-7208HUHI-M1/S	iDS-7216HUHI-M2/S	iDS-7204HUHI-M1/S	iDS-7208HUHI-M1/S	iDS-7216HUHI-M2/S
<b>MAX. RECORDING RESOLUTION</b>	4 MP	ERT-K2082	4 MP	8MP	8MP	8MP	8MP	8MP	8MP
<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	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
<b>HDMI/VGA OUTPUT</b>	1920 × 1080/60 Hz synchronous	1920 × 1080/60 Hz synchronous	1920 × 1080/60 Hz synchronous	1920 × 1080/60 Hz synchronous	4K (3840 × 2160)/30 Hz synchronous	4K (3840 × 2160)/30 Hz synchronous	1920 × 1080/60 Hz synchronous	4K (3840 × 2160)/30 Hz synchronous	4K (3840 × 2160)/30 Hz 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	4-Ch 1.0 Vp-p, 75 Ω	8-Ch 1.0 Vp-p, 75 Ω	16-Ch 1.0 Vp-p, 75 Ω	4-Ch 1.0 Vp-p, 75 Ω	8-Ch 1.0 Vp-p, 75 Ω	16-Ch 1.0 Vp-p, 75 Ω
<b>VIDEO STANDARD</b>	HDTV/ AHD/ CVI/ CVBS/ IP	HDTV/ AHD/ CVI/ CVBS/ IP	HDTV/ AHD/ CVI/ CVBS/ IP	HDTV/ AHD/ CVI/ CVBS/ IP	HDTV/ AHD/ CVI/ CVBS/ IP	HDTV/ AHD/ CVI/ CVBS/ IP	HDTV/ AHD/ CVI/ CVBS/ IP	HDTV/ AHD/ CVI/ CVBS/ IP	HDTV/ 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)	1-ch, RCA (linear, 1K Ω)	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	2×USB 2.0	1×USB 3.0, 1×USB 2.0	2×USB 2.0	2×USB 2.0	1×USB 3.0, 1×USB 2.0
<b>INTERNAL SATA</b>	Preloaded HDD configurations	Preloaded HDD configurations	Built-in eSSD	Preloaded HDD configurations	Preloaded HDD configurations	Preloaded HDD configurations	Preloaded HDD configurations	Preloaded HDD configurations	Preloaded HDD configurations
<b>INTERNAL STORAGE</b>	1 TB	2 TB	480 GB	1 TB	2 TB	4 TB	1 TB	2 TB	4 TB
<b>HIKVISION IP CAMERA SUPPORT</b>	2-ch (up to 6-ch) 6MP	4-ch (up to 12-ch) 6MP	1-ch (up to 6-ch) 6MP	4-ch (up to 8-ch) 8MP	8-ch (up to 16-ch) 8MP	16-ch (up to 32-ch) 8MP	4-ch (up to 8-ch) 8MP	8-ch (up to 16-ch) 8MP	16-ch (up to 32-ch) 8MP
<b>OSD MENU-UP-THE-COAX</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>HUMAN/VEHICLE ANALYSIS</b>	N/A	N/A	Motion Detection 2.0 on all channels	Motion Detection 2.0 on all channels	Motion Detection 2.0 on all channels	Motion Detection 2.0 on all channels	Motion Detection 2.0 on all channels	Motion Detection 2.0 on all channels	Motion Detection 2.0 on all channels
<b>REMOTE CONNECTION</b>	32	64	32	32	64	128	32	64	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	UL/cUL Listed
<b>POWER REQUIREMENTS</b>	12 VDC, ≤ 8W	12 VDC, ≤ 12W	12 VDC, ≤ 5.4W	12 VDC, ≤ 10 W	12 VDC, ≤ 20 W	12 VDC, ≤ 20 W	12 VDC, ≤ 10 W	12 VDC, ≤ 20 W	12 VDC, ≤ 20 W

## ACCESSORIES

			
<b>MODEL</b>	DS-6901UDI(B)	DS-6908UDI(B)	DS-6916UDI(B)
<b>VIDEO INPUT</b>	16 IP Channels	64 IP Channels, DVI, VGA	128 IP Channels, DVI, VGA
<b>VIDEO OUTPUT</b>	1 HDMI (4K), 1 VGA (1080p), 1 BNC	8 HDMI (4K x4, 1080p x4), 4 BNC via DB15 adapter	16 HDMI (4K x8, 1080p x8), 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	1/4/6/8/9/12/16/25/36, Roaming
<b>DECODING CAPABILITY</b>	24MP@30fps: 1-ch 12MP@20fps: 2-ch 8MP@30fps: 4-ch 5MP@30fps: 6-ch 3MP@30fps: 10-ch 1080p@30fps: 16-ch	12 MP @ 20 fps: 8-ch 8 MP @ 30 fps: 16-ch 6 MP @ 30 fps: 21-ch 4 MP @ 30 fps: 32-ch 2 MP @ 30 fps: 64-ch	24MP@30fps: 8-ch 12MP@20fps: 16-ch 8MP@30fps: 32-ch 5MP@30fps: 48-ch 3MP@30fps: 80-ch 1080p@30fps/3 Mbps: 128-ch
<b>NETWORK INTERFACE</b>	Gigabit Ethernet x1	Management Ethernet x2 1 Gbps Ethernet x2 100 Mbps Ethernet x16	RJ45 interface x 2, 10/100/1000 Mbps adaptive Optic interface x 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)	1/1 (3.5 mm audio plugs)
<b>AUDIO OUTPUT</b>	1 RCA	8 BNC via DB15 adapters	16 BNC via 2 DB15 adapters
<b>ALARM INPUT/OUTPUT</b>	8/8	8/8	8/8
<b>RS-232</b>	Yes	Yes	Yes
<b>RS-485</b>	Yes	Yes	Yes
<b>POWER REQUIREMENTS</b>	12 VDC ≤15 W	100 to 240V AC ≤70 W	100 to 240V AC ≤108 W

			
<b>MODEL</b>	iDS-6704HUHI-M	iDS-6708HUHI-M	iDS-6716HUHI-M
<b>FRAME RATE (FPS)</b>	8 MP@8fps/5 MP@12fps/4 MP@15fps	8 MP@8fps/5 MP@12fps/4 MP@15fps	8 MP@8fps/5 MP@12fps/4 MP@15fps
<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>DUAL STREAM</b>	Support	Support	Support
<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
<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>AUDIO OUTPUT</b>	1/1	4/1	4/1
<b>ALARM INPUT/OUTPUT</b>	4/1	8/4	16/4
<b>REMOTE CONNECTION</b>	32	64	128
<b>RS-485</b>	Yes	Yes	Yes
<b>POWER REQUIREMENTS</b>	12 VDC ≤10 W	12 VDC ≤10 W	12 VDC ≤19 W



# SI Series Smart Managed Switches



Hikvision PoE switches bring great convenience to security installation and monitoring management. Switches are optimized for video security and deliver intelligent features.

## SI AND EI SMART MANAGED NETWORK SWITCHES

Hikvision SI and 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.








## BENEFITS

- **VISUAL:** See health status, alerts, live views, and configuration from a simple dashboard.
- **POWERFUL:** Up to 90W per port and distances up to 984 feet.
- **CONVENIENT:** Easy switch deployment saves time and money with simplified installation.
- **SECURE:** Auto-restart cameras once they are detected offline.
- **PERFORMANCE:** Rich management features such as VLANs, QoS, port bandwidth controls, and more, deliver effective functionality.

## 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
- POE Watchdog

## NETWORK SWITCHES

	UNMANAGED GIGABIT POE SWITCH	UNMANAGED GIGABIT HI-POE SWITCH	SMART MANAGED 100M POE SWITCH	SMART MANAGED GIGABIT POE SWITCH	FULL MANAGED POE SWITCH	UNMANAGED HARDEN GIGABIT POE SWITCH	UNMANAGED HARDEN GIGABIT POE SWITCH
							
MODEL	DS-3E0505P-E DS-3E0510P-E DS-3E0518P-E DS-3E0526P-E	DS-3E0505HP-E DS-3E0510HP-E DS-3E0520P-E DS-3E0528P-E	DS-3E1105P-EI DS-3E1309P-EI DS-3E0520P-EI DS-3E1326P-EI	DS-3E1510P-SI DS-3E1518P-SI DS-3E1526P-SI DS-3E1552P-SI	DS-3E2510P(B) DS-3E2528P(B)	DS-3T0506HP-E/HS	DS-3T0510HP-E/HS
TYPE	Unmanaged	Unmanaged Gigabit HI-PoE Switch	Smart Managed 100M PoE Switch	Smart Managed Gigabit PoE Switch	Full Managed PoE Switch	Unmanaged Harden Gigabit PoE Switch	Unmanaged Harden Gigabit PoE Switch
PORTS	4 × Gbps PoE ports, 1 × Gbps Ethernet Uplink 8 × Gbps PoE ports, 1 × Gbps Ethernet Uplink, 1 × Gbps SFP Fiber Optic Uplink 16 × Gbps PoE ports, 1 × Gbps Ethernet Uplink, 1 × Gbps SFP Fiber Optic Uplink 24 × Gbps PoE ports, 1 × Gbps Ethernet Uplink, 1 × Gbps SFP Fiber Optic Uplink	3 × gigabit PoE ports, 1 × gigabit Hi-PoE port and 1 × gigabit RJ45 port Uplink 6 × gigabit PoE ports, 2 × gigabit Hi-PoE ports, 1 × gigabit RJ45 port, and 1 × gigabit fiber optical port Uplink 12 × gigabit PoE ports, 4 × gigabit Hi-PoE ports, 2 × gigabit RJ45 ports, and 2 × gigabit fiber optical ports Uplink 20 × gigabit PoE ports, 4 × gigabit Hi-PoE ports, 2 × gigabit RJ45 ports, and 2 × gigabit fiber optical ports Uplink	4 × 100 Mbps PoE ports, 1 × 100 Mbps Ethernet Uplink 8 × 100 Mbps PoE ports, 1 × 1 Gbps Ethernet Uplink 16 × 100 Mbps PoE ports, 2 × 1 Gbps Combo Uplink 24 × 100 Mbps PoE ports, 2 × 1 Gbps Combo Uplink	8 × Gbps PoE ports, 2 × Gbps SFP Fiber Optical Uplink 16 × Gbps PoE ports, 2 × Gbps SFP Fiber Optic Uplink 24 × Gbps PoE ports, 2 × Gbps SFP Fiber Optic Uplink 48 × 1 Gigabit PoE port, 2 × 1 Gigabit fiber optical port, 2 × 1 Gigabit RJ45 port Uplink	8 × Gbps PoE Ports, 2 × Gbps SFP optical Uplink 24 × Gbps PoE Ports, 4 × Gbps Combo Uplink	3 × Gbps PoE ports 1 × Gbps Hi-PoE port 2 × Gbps SFP fiber optical ports Ports 3 and 4: up to 300 m	6 × Gbps PoE RJ45 ports 2 × Gbps Hi-PoE RJ45 ports 2 × Gbps SFP fiber optical ports Ports 7 and 8: up to 300 m
FORWARDING	7.44 Mpps 14.88 Mpps 26.784 Mpps 38.688 Mpps	7.44 Mpps 14.88 Mpps 29.76 Mpps 41.664 Mpps	0.744 Mpps 2.678 Mpps 5.356 Mpps 6.547 Mpps	14.88 Mpps 26.784 Mpps 36.688 Mpps 77.376 Mpps	28 Mpps 51 Mpps	Store-and-forward switching	Store-and-forward switching
BACKPLANE	10 Gbps 20 Gbps 36 Gbps 52 Gbps	10 Gbps 20 Gbps 36 Gbps 56 Gbps	1 Gbps 3.6 Gbps 7.2Gbps 8.8Gpps	20 Gbps 36 Gbps 52 Gpps 104 Gpps	-	22 Gbps	20 Gbps
POE BUDGET	60W 110W 230W 370W	60W 110W 225W 370W	60W 115W 230W 370W	115W 225W 370W 470W	130W 370W	60W	110W
MAX. PORT POWER	30W	90W	30W	30W	30W	Port 1: 60 W Ports 2 to 4: 30 W	Ports 1 and 2: 90 W Ports 3 to 8: 30 W
DIMENSION (HXWXD)	105 mm × 27.6 mm × 83.1 mm (4.1" × 1.1" × 3.3") 217.6 mm × 27.8 mm × 108.55 mm (8.6" × 1.1" × 4.3") 440 mm × 44 mm × 220.8 mm (17.3" × 1.7" × 8.7") 440 mm × 44 mm × 220.8 mm (17.3" × 1.7" × 8.7")	121 mm × 88.1 mm × 27.6 mm (4.76" × 3.47" × 1.09") 217.6 mm × 108.55 mm × 27.8 mm (8.57" × 4.27" × 1.09") 440 mm × 220.8 mm × 44 mm (17.32" × 8.69" × 1.73") 440 mm × 220.8 mm × 44 mm (17.32" × 8.69" × 1.73")	105 mm × 27.6 mm × 83.1 mm (4.76" × 3.47" × 1.09") 170 mm × 27.6 mm × 93.1 mm (6.7" × 3.47" × 1.09") 440 mm × 44 mm × 220.8 mm (17.32" × 1.73" × 8.7") 440 mm × 44 mm × 221 mm (17.32" × 1.73" × 8.7")	217.6 mm × 108.55 mm × 27.8 mm (8.57" × 4.27" × 1.09") 440 mm × 220.8 mm × 44 mm (17.32" × 8.69" × 1.73") 440 mm × 221 mm × 44 mm (17.32" × 8.70" × 1.73") 440.00 mm × 44.00 mm × 323.80 mm (17.32" × 1.73" × 12.71")	280 mm × 180 mm × 44 mm 440 mm × 210 mm × 44 mm	158 mm × 101.2 mm × 31.6 mm (6.22" × 3.98" × 1.24")	197 mm × 114.2 mm × 42.2 mm (7.76" × 4.50" × 1.66")



## MONITORS

	ECONOMIC FHD	ECONOMIC FHD	ECONOMIC FHD	ECONOMIC FHD	PROFESSIONAL FHD	PROFESSIONAL FHD	PROFESSIONAL FHD	4K UHD	4K UHD
									
<b>MODEL</b>	DS-D5022FN-C	DS-D5024FN	DS-D5027FN	DS-D5032QE	DS-D5022FC-C	DS-D5024FC-C	DS-D5032FC-A	DS-D5027UC	DS-D5043UC
<b>DISPLAY TYPE</b>	E-LED	E-LED	TFT-LED Backlight	LED-Backlight TFT LCD	E-LED	E-LED	LED-Backlight TFT LCD	LED-Backlight TFT LCD	D-LED Backlight
<b>SCREEN SIZE</b>	21.5"	23.8"	27"	31.5"	21.5"	23.8"	31.5"	27"	42.5"
<b>MAX RESOLUTION</b>	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160	3840 x 2160
<b>BRIGHTNESS</b>	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>
<b>CONTRAST</b>	1000:1	1000:1	1000:1	1400:1	3000:1	4000:1	1000:1	1000:1	1200:1
<b>RESPONSE TIME</b>	6.5 ms	14 ms	14 ms	8 ms	6.5 ms	6.5 ms	8 ms	14 ms	8 ms
<b>COLOR</b>	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	1.07 billion	1.07 billion
<b>VIEWING ANGLE</b>	Horizontal 178° Vertical 178°	Horizontal 178° Vertical 178°	Horizontal 178° Vertical 178°	Horizontal 178° Vertical 178°	Horizontal 178° Vertical 178°	Horizontal 178° Vertical 178°	Horizontal 178° Vertical 178°	Horizontal 178° Vertical 178°	Horizontal 178° Vertical 178°
<b>INPUTS</b>	HDMI, VGA, Audio In	HDMI, VGA, Audio In	HDMI, VGA	HDMI, VGA, Audio In	HDMI, VGA, BNC, USB, Audio In	HDMI, VGA, BNC, USB, Audio In	HDMI, VGA, BNC, DVI, Audio In	HDMI, DP Input	2x HDMI 2.0 VGA, USB3.0, USB2.0, RS232, LAN, Audio In
<b>OUTPUTS</b>	-	-	-	-	-	-	BNC, PC Audio	Audio Out	Audio Out
<b>SPEAKER</b>	-	-	-	5W x 2	2W x 2	2W x 2	2W x 2	2W x 2	8W x 2
<b>POWER SUPPLY</b>	100-240 VAC	102 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC
<b>POWER CONSUMPTION</b>	≤ 22 W	≤ 30 W	≤ 40 W	≤ 54 W	≤ 22 W	≤ 22 W	≤ 45 W	≤ 56 W	≤ 120 W
<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)	32° F to 104° F (0° C to 40° C)	32° F to 104° F (0° C to 40° C)	32° F to 104° F (0° C to 40° C)	32° F to 104° F (0° C to 40° C)	32° F to 104° F (0° C to 40° C)	32° F to 104° F (0° C to 40° C)
<b>VESA MOUNT</b>	75 mm x 75 mm	75 mm x 75 mm	100 mm x 100 mm	100mm x 100mm	75 mm x 75 mm	75 mm x 75 mm	100mm x 100mm	100 mm x 100 mm	200mm x 200mm/400mm x 400mm
<b>DIMENSION (W×H×D)</b>	492 mm x 290 mm x 44 mm (19.38" x 11.40" x 1.73")	540 mm x 418 mm x 227 mm (21.26" x 16.46" x 8.94")	614mm x 454mm x 226mm (24.2" x 17.8" x 8.9")	727mm x 424mm x 64 mm (28.62" x 16.69" x 2.52")	492 mm x 290 mm x 44 mm (19.37" x 11.42" x 1.73")	539 mm x 328 mm x 44 mm (21.22" x 12.91" x 1.73")	729 mm x 433 mm x 50 mm (28.70" x 17.05" x 1.97")	614 x 400 x 250 mm (24.2" x 15.7" x 9.8")	968 x 559 x 60 mm (38" x 22" x 2.4")
<b>WEIGHT</b>	Gross weight: 8.8 lbs (4 kg) Net weight: 5.7 lbs (2.6 kg)	Gross weight: 9.7 lbs (4.4 kg) Net weight: 7.5 lbs (3.4 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: 8.4 lbs (3.8 kg) Net weight: 5.7 lbs (2.6 kg)	Gross weight: 11.0 lbs (5.0 kg) Net weight: 7.9 lbs (3.6 kg)	Gross weight: 20.4 lbs (9.3 kg) Net weight: 12.7 lbs (5.8 kg)	Gross weight: 14.44 lbs (6.55 kg) Net weight: 11.18 lbs (5.07 Kg)	Gross Weight: 25.79 lbs (11.7kg) Net Weight: 18.96 lbs (8.6kg)

## 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 OUTOUT</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 and 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 modules with single functionality such as keypad, card reader, and name tag, to an all-in-one module that combines all functions together. The user answers the door at the indoor station and can easily unlock the door with a simple push of the 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 and 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 Hik-Connect 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

## APPLICATIONS



Single Family Homes



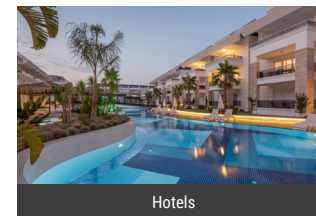
Commercial Buildings



Condominiums



Apartments



Hotels



Schools

## DOORBELL

2nd Gen Smart Wi-Fi Doorbell



MODEL	DS-HD2
MOBILE CALLING	• Calls Hik-Connect mobile app
CAMERA	2MP
SENSOR SIZE	1/2.4" Progressive Scan CMOS
LENS, FIELD OF VIEW	Ultra FOV 170° Vertical
IR RANGE MAX	19.7 ft
VIDEO COMPRESSION	H.264/H.265
AUDIO INPUT/OUTPUT	Built-in high-sensitivity microphone
ALARM INPUT/OUTPUT	" Motion detection (with Human shape detection)
RATINGS	IEEE802.11a/b/g/n, 2.4/5GHz (Dual-band)
OPERATING TEMPERATURE RANG	Wi-Fi
MODULE I/O	Micro SD Card (Up to 256GB)
POWER REQUIREMENTS (MAX.)	AC 12V ~ 24V
WORKING TEMPERATURE	"30°C to 60°C (-22°F to 140 °F)
RATINGS	IP65
DIMENSION (H×W×D)	1.82" x 5.05" 0.75"
BRACKETS	flat and angled mounting plate

## Modular IP Video Intercom Kit

### DS-KIS602

#### Models Included:

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

#### Accessories Included:

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

#### Key Features:

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



## Two-Wire Video Intercom Kit

### DS-KIS702Y-P

#### Models Included:

DS-KD8003Y-IME2  
DS-KD-ACW1  
DS-KH6320Y-WTE2  
DS-KAD704Y

#### Accessories Included:

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**



**TWO-WIRE VIDEO  
INTERCOM  
EXPANDABLE DOOR  
STATION**



**IP VIDEO INTERCOM  
1-TENANT DOOR  
STATION**



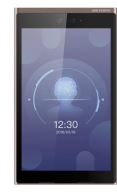
**IP VIDEO INTERCOM  
2-TENANT DOOR  
STATION**



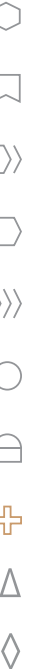
**IP VIDEO INTERCOM  
4-TENANT DOOR  
STATION**



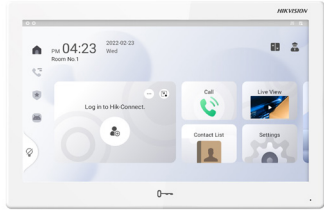
**IP VIDEO INTERCOM  
APARTMENT-STYLE  
ENTRANCE STATION**



MODEL	DS-KB8113-IME1	DS-KD8003-IME1/Surface	DS-KD8003-IME1/Flush	DS-KD8003-IME1	DS-KD8003Y-IME2	DS-KV8113-WME1	DS-KV8213-WME1	DS-KV8413-WME1	DS-KD9633-WBE6
<b>MOBILE CALLING</b>	Calls Hik-Connect app independently and also works with an indoor station.	• Calls indoor stations • Calls Hik-Connect mobile app via indoor station		• Calls indoor stations • Calls Hik-Connect mobile app via indoor station	• Calls indoor stations • Calls Hik-Connect mobile app via indoor station	• Calls indoor stations • Calls Hik-Connect mobile app independently and also works with an indoor station with latest firmware.	• Calls indoor stations • Calls Hik-Connect mobile app via indoor station	• Calls indoor stations • Calls Hik-Connect mobile app via indoor station	• Calls indoor stations • Calls Hik-Connect mobile app via indoor station
<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	2MP, 88° × 44° FOV
<b>NIGHT VISION</b>	Up to 10 ft	Up to 10 ft		Up to 10 ft	Up to 10 ft	Up to 10 ft	Up to 10 ft	Up to 10 ft	Up to 10 ft
<b>VIDEO COMPRESSION</b>	H.264	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>	-	-		-	-	M-1 Card Reader	M-1 Card Reader	M-1 Card Reader	M-1 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	Touch Screen
<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	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	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	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)	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.	Supports SDHC 128 GB Max.
<b>TAMPER ALARM</b>	-	Yes		Yes	Yes	Yes	Yes	Yes	Yes
<b>SENSOR/ALARM INPUTS</b>	1	4		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	12VDC < 18W
<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)	-30° C to 60° C (-22° F to 140° F)
<b>RATINGS</b>	UL, IK9, IP65	UL, IP65		UL, IP65	UL, IP65	UL, IP65, IK08	UL, IP65, IK08	UL, IP65, IK08	UL, IP65, IK07
<b>DIMENSION (H×W×D)</b>	161.85 mm × 74.13 mm × 53.2 mm (6.372" × 2.919" × 2.094")	98×99.8×43.9 mm (3.86×3.93×1.73 in)	98×99.8×43.9 mm (3.86×3.93×1.73 in)	98 × 100 × 43.9 mm (3.86 × 3.94 × 1.73 in)	98 × 100 × 43.9 mm (3.86 × 3.94 × 1.73 in)	174 mm × 91 mm × 29 mm (6.85 × 3.58 × 1.14 in)	174 mm × 91 mm × 29 mm (6.85 × 3.58 × 1.14 in)	174 mm × 91 mm × 29 mm (6.85 × 3.58 × 1.14 in)	271 mm × 159.2 mm × 26.5 mm



**IP VIDEO INTERCOM  
INDOOR STATION**



**IP VIDEO INTERCOM  
INDOOR STATION**











**IP VIDEO INTERCOM  
INDOOR STATION**





**TWO-WIRE VIDEO INTERCOM  
INDOOR STATION**



<b>MODEL</b>	DS-KH9510-WTE1	DS-KH8350-WTE1	DS-KH6320-WTE1	DS-KH6320Y-WTE2
<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 IPS Screen, 1024×600, Plastic Frame	Touchscreen, 7 in IPS Screen, 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 touch	1 Unlock Button	-	-
<b>AUDIO OUTPUT</b>	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
<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)
<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.
<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
<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)
<b>RATINGS</b>	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")

	IP VIDEO INTERCOM TABLET	VIDEO INTERCOM MODULE	VIDEO INTERCOM MODULE	VIDEO INTERCOM MODULE	VIDEO INTERCOM MODULE	VIDEO INTERCOM MODULE	VIDEO INTERCOM BRACKET	VIDEO INTERCOM BRACKET
	Name Tag Module	Keypad Module	Card Reader Module	Display Module	Blank Module	All-in-one 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-TDM	DS-KD-ACW1 DS-KD-ACW2 DS-KD-ACW3	DS-KD-ACF1/Plastic DS-KD-ACF2/Plastic DS-KD-ACF3/Plastic
<b>FUNCTION</b>	6 x call buttons with physical nametags	Keypad module to open doors via password	Card reader module to open doors via M-1 card	Display module for contact logbook	Blank module, fill in the gap	Merges keypad, card reader, display modules as well as advertisement display functions	Wall mount brackets, end number means module slots	Flush Mount Brackets, end number means module slots
<b>POWER REQUIREMENTS (MAX.)</b>	Powered by DS-KD8003-IME1 via RS-485 cable, ≤2 W	Powered by DS-KD8003-IME1 via RS-485 cable, ≤2 W	Powered by DS-KD8003-IME1 via RS-485 cable, ≤2 W	Powered by DS-KD8003-IME1 via RS-485 cable, ≤3 W	-	Powered by DS-KD8003-IME1 via RS-485 cable, ≤10 W	-	-
<b>WORKING TEMPERATURE</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)*	-	-20 °C to 60 °C (-4 °F to 140 °F)	-	-
<b>RATINGS</b>	IP65	IP65, IK7	IP65	IP65	IP65	IP65, IK8	-	-
<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)	100 mm × 100 mm × 35 mm (3.94" × 3.94" × 1.38")	117x107x32.7 mm (4.61x4.21x1.29 in) 219x107x32.7 mm (8.62x4.21x1.29 in) 321x107x32.7 mm (12.6x4.21x1.29 in)	134x134x56 mm (5.28x5.31x2.2 in) 237x134x56 mm (9.33x5.27x2.2 in) 338.8x134x56 mm (13.33x5.28x2.2 in)

	TWO-WIRE VIDEO INTERCOM	TWO-WIRE VIDEO INTERCOM
	Distributor	Distributor Extender
		
<b>MODEL</b>	DS-KAD706Y-P	DS-KAD706Y-SP
<b>MOBILE CALLING</b>	• 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	-
<b>NETWORK PROTOCOL</b>	10/100 Mbps TCP/IP, RTSP	10/100 Mbps TCP/IP, RTSP
<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)
<b>MODULE I/O</b>	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>POWER REQUIREMENTS (MAX.)</b>	24 VDC < 9 W (Included)	24 VDC < 7 W (Included)
<b>WORKING TEMPERATURE</b>	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)
<b>RATINGS</b>	UL 60950	UL 60950
<b>DIMENSION (H×W×D)</b>	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)



# 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 biometrics terminals with health/safety features. These products are compatible with Hikvision's free iVMS-4200 Client Software and license-controlled HikCentral software. Access control solutions integrate into existing Hikvision video surveillance systems, delivering a versatile, full-service security system. Our access control solutions easily integrate with our NVRs and DVRs, combining entry/exit management with visual records.

With Hikvision's established presence in video surveillance, our access control solutions easily integrate with our NVRs and DVRs, combining entry/exit management with visual records.

## 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

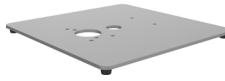




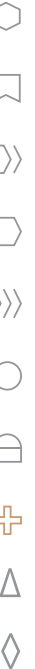
Schools

## 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>M-1 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	12 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>MODEL</b>	DS-K1T671M	DS-K1T342DWX	DS-K1T502DBWX-C
<b>CARD READER</b>	13.56 MHz M-1	13.56 MHz M-1	13.56 MHz M-1
<b>TEMPERATURE MEASUREMENT SENSOR</b>	Does not support temperature measurement	Does not support temperature measurement	Does not support temperature measurement
<b>TEMPERATURE MEASUREMENT RANGE</b>			
<b>TEMPERATURE MEASURING DISTANCE</b>			
<b>CARD NUMBER CAPACITY</b>	6,000	3,000	100,000
<b>MAX EVENT CAPACITY</b>	50,000	150,000	300,000
<b>BIOMETRICS</b>	Face Authentication	Face Authentication	N/A
<b>FINGERPRINT CAPACITY</b>	-	-	-
<b>CAMERA</b>	2 MP Dual-Lens Camera, WDR	2 MP Dual-Lens Camera	2MP Camera
<b>INPUT INTERFACE</b>	1x Lock Relay, 1 x Exit Button 1x Alarm Output	1x Lock Relay, 1 x Exit Button 1 x Alarm Output	1 x Lock Relay, 1 x Exit Button, 1 x Door Contact Input, 1 x Alarm Input ,1 x Alarm Output
<b>OUTPUT INTERFACE</b>	1x Chime Relay, 1x Alarm Output, 1x Wiegand input/output	1x Wiegand Output	1 x Wiegand Output
<b>PROTECTION LEVEL</b>	IP65	IP65	IP65, IK09
<b>NETWORK CONNECTIVITY</b>	RJ45	Wifi, RJ45	RJ45
<b>COMM. INTERFACE DOWNLINK</b>	Wiegand26/34, RS-485	Wiegand26/34, RS-485	Wiegand26/34, RS-485
<b>DISPLAY SCREEN</b>	7 in LCD Touch Screen	4.3 in LCD Touch Screen	-
<b>LOCAL INPUT</b>	Touchscreen	Touchscreen	Button
<b>AUDIO</b>	Customized Greeting/Rejecting Audio	Customized Greeting/Rejecting Audio	-
<b>RATINGS</b>	UL, IP65	IP65	IK09
<b>TAMPERING/DURESS ALARM</b>	Yes		Yes
<b>WORKING TEMPERATURE</b>	-30° C to 60° C (-22° F to 140° F)		-40° C ~ +70° C (-40° F ~ +158° F)
<b>POWER REQUIREMENTS (MAX.)</b>	12V DC/3 A (Power Adapter Sold Separately, model: DS-KP12V-3A)	12 VDC/1A (Power Adapter Included)	12V-24VDC, 2A
<b>ACCESSORIES</b>	DS-KAB671-S, DS-KAB671-B, DS-KAB6-BASE DS-KP12V-3A Power Adapter	-	-

							
<b>SECTION</b>	DS-K1T671X Accessories	DS-K1T671X Accessories	DS-K1T671TM-3XF Accessories	DS-K1T671M(-F) Accessories	X Accessories	X Accessories	X Accessories
<b>MODEL</b>	DS-KAB671-B	DS-KAB6-BASE	DS-DM0701BL	DS-KAB671-S	DS-KAB34X-S1	DS-KAB502-S1	DS-KAB6-W1
<b>TYPE</b>	Accessories/Floor Stand	Bracket	Bracket	Bracket	Protective Shield	Protective Shield	Bracket
<b>MATERIAL</b>	Cold-Rolled Steel Plate (SPCC)	Cold-Rolled Steel Plate (SPCC)	Cold-Rolled Steel Plate (SPCC)	PC	PC	SECC	Aluminum alloy
<b>WEIGHT</b>	6.7 kg (14.8 lb)	172 g (0.4 lb)	172 g (0.4 lb)	172 g (0.4 lb)	89 g (0.2 lb)	242.5 g (0.5 lb)	213 g (0.47 lb)
<b>DIMENSION (HXWXD)</b>	98.5 mm x 1342 mm x 225 mm (3.9" x 52.8" x 8.9")	"135 mm x 250 mm x 80 mm (5.3" x 9.8" x 3.1")"	135 mm x 250 mm x 80 mm (5.3" x 9.8" x 3.1")	135 mm x 250 mm x 80 mm (5.3" x 9.8" x 3.1")	99.4 mm x 55 mm x 199.3 mm (3.9" x 2.2" x 7.8")	188.6 mm x 85 mm x 42 mm (7.4" x 3.3" x 1.7")	84 mm x 46.5 mm x 126 mm (3.3" x 1.8" x 5")






**M-1 CARD READER**





**PROXIMITY CARD READER**

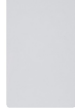



**PROXIMITY CARD READER**






<b>MODEL</b>	DS-K1102AM DS-K1102AMK	DS-1104MK	DS-K1107AM DS-K1107AMK	DS-K182HP	DS-K170HPK
<b>CARD TYPE</b>	13.56 MHz M-1	13.56 MHz M-1	13.56 MHz M-1	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	Wiegand 26	Wiegand 26
<b>BIOMETRICS</b>	-	-	-	-	-
<b>FINGERPRINT CAPACITY</b>	-	-	-	-	-
<b>RS-485 ID SETTINGS</b>	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 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 294 ETL Listed, IP67	UL 294 ETL Listed, IP67
<b>INSTALLING</b>	Single Gang Box	Single Gang Box	Mullion	Mullion	Mullion
<b>POWER SUPPLY</b>	12 VDC	12 VDC	12 VDC	5 to 16 VDC	5 to 16 VDC

	EXIT BUTTON	EXIT BUTTON	EMERGENCY BREAK GLASS
			
<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
					
<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)

	M-1 CARD (25-PACK)	M-1 KEY FOB (25-PACK)	PROXIMITY CARD (25-PACK)	PROXIMITY KEY FOB (25-PACK)
				
<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>	M-1	M-1	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
		
<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>	M-1 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
	
<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-KV8113-WME1, DS-KV8213-WME1, DS-KV8413-WME1, DS-KD9633-WBE6, DS-K1T201AMF, DS-K1T804BMF, DS-K1T502DBWX-C
<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)



## STORAGE PRODUCTS




<b>MODEL</b>	DS-A81016S	DS-A82024D	DS-A71024R/440
<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)	16 GB (extendable to 32 GB)
<b>VIDEO INPUT/OUTPUT</b>	IP SAN: 180-ch (2Mbps) Hybrid SAN: 320-ch (2Mbps)	IP SAN: 256-ch (2Mbps) CVR: 448-ch (2Mbps)	Hybrid SAN: 400-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 20 TB 440TB pre-installed
<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	iRAID, RAID5, RAID6
<b>DATA PROTECTION</b>	Real-time backup of system information	Real-time backup of system information	Video loss alarm
<b>NETWORK PROTOCOL</b>	RTSP / ONVIF / PSIA / iSCSI	RTSP / ONVIF / PSIA / iSCSI	RTSP, ONVIF, HKSDK
<b>EXTERNAL DATA PORT</b>	3×1000M Ethernet interface	4×1000M self-adaptive Ethernet interface	4×1000M 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)	Working Consumption: ≤ 507 (with HDD)	Working Consumption: ≤ 370 (with HDD)
	Rating Power Consumption: ≤550W	Rating Power Consumption: ≤800W	"Working: 5 to 40 °C (41 to 104 °F) Storing: -20 to 70 °C (-4 to 158 °F)"
<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)	4U
<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



## BALUN

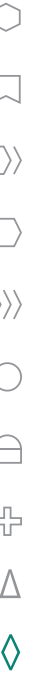
	
<b>MODEL</b>	DS-1H18S/E
<b>DESCRIPTION</b>	Unshielded twisted pair (UTP) Baluns

## KEYBOARD




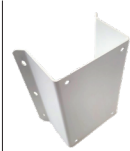








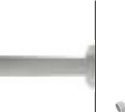




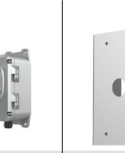

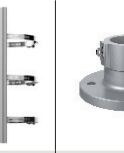








					
<b>MODEL</b>	DS-1005KI	DS-1006KI	DS-1600KI	DS-1200KI	DS-1100KI
<b>RS-485</b>	No	Yes	No	Yes	Yes
<b>USB</b>	Yes	Yes	Yes	Yes	Yes
<b>INTERFACE PORT</b>	USB 2.0	RS-232, RS-422, RS-485, USB 2.0	Network,Wifi,USB 2.0x2	Network, RS-232, RS-422, RS-485,USB 2.0	Network, RS-232, RS-485,USB 2.0
<b>CONTROL</b>	Serial	Serial	Network,Wifi	Serial/Network	Network
<b>AUDIO</b>	N/A	N/A	1-ch Two-way Audio Input 1-ch Audio Output	N/A	1-ch Line In 1-ch Audio Out
<b>DECODING</b>	N/A	N/A	Local live view at 1080P/720P/HD1/BCIF/CIF/QCIF resolution, and up to 16-division window display	N/A	1-ch @ 1080p
<b>LCD SCREEN</b>	N/A	128x64 pixel	10.1" TFT LCD Touch Screen 1024x600 pixel	128x64 pixel	7" TFT LCD touch Screen 800*480 pixel
<b>JOYSTICK</b>	3-Axis	4-Axis	4-Axis	4-Axis	4-Axis
<b>RESOLUTION</b>	N/A	N/A	N/A	N/A	1920x1080
<b>NETWORK</b>	N/A	N/A	10M/100M/1000M Adaptive Ethernet port	10 M/100 Mbps self-adaptive Ethernet interface	10M/100M/1000M 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)	12 VDC(≤ 15 W)

## HARD DRIVES

		
<b>INTERFACE</b>	SATA	
<b>CLASSIFICATION</b>	Audio / Video	
<b>OPERATION</b>	24/7 Continuous	
<b>1TB</b>	HK-HDD1T	
<b>2TB</b>	HK-HDD2T	
<b>4TB</b>	HK-HDD4T	
<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
<b>14TB</b>	HK-HDD14T	



## PTZ BRACKETS

														
<b>BRACKET</b>	WMP-S	WMP-L	WMP-MPZ	CMP	PMP	JBPW	JBPW-L	CMP-JB	PMP-JB	PMP-L	CMPL	CPM-S	CPM-L	CPMPE
<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	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
														
<b>BRACKET</b>	PMP-V	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	WBPT-S	WBPT
<b>DESCRIPTION</b>	Vertical Pole Mount for CPM-S/L	Roof Parapet Mount	PTZ Junction box with wall bracket (gray)	Corner Mount for JBPW-L-G (gray)	Pole Mount for JBPW-L-G (gray)	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-2DY52231W-AE Upright PTZ	Wall Mount for DS-2DY9xxx Series Upright PTZs	Wall Mount for DS-2DY52231W-AE Upright PTZ




## CAMERA BRACKETS

														
<b>BRACKET</b>	PC110 / PC110B	PC110T / PC110TB	PC120 / PC120B	PC130 / PC130B	PC130T / PC130TB	PC135 / PC135B	PC135H	PC140 / PC140B	PC140PT	PC155 / PC155B	PC160	PC165	PC210	PC-6D
<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	210mm Pendant Cap for DS-2D6986F-H	pendent cap for 6D52/6D82
	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	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>	PC-DE4A	PC-FE	PC-G1
<b>DESCRIPTION</b>	Pendant Cap for DE4A Series PTZs	Pendant Cap for fisheye	Pendant Cap for 6D54G1
	Compatible with WML	Compatible with WML	Compatible with WML
<b>FOOTNOTE</b>	*Pendant caps are 1.0" thread and come with 1.5" and .75" adaptors		

## CAMERA HOUSING

						
<b>BRACKET</b>	CHB	CHB-HB	WBS	WBL	PP1	PP2
<b>DESCRIPTION</b>	Camera Housing with Bracket	CHB-HB (Camera Housing with Bracket, Heater, Blower)	Suitable for box camera, wall Mount	Suitable for box camera and housing, wall mount	Pendant Mount extendable (80") - For Box and Fisheye 1/4 20 mount	Pendant Mount 8" - For Box and Fisheye 1/4 20 mount

## BOX CAMERA BRACKETS

## STAINLESS STEEL BRACKETS

<b>BRACKET</b>						
<b>DESCRIPTION</b>	Pendant Wall Mount for DS-2DT6223-AELY	Pendant Ceiling Mount for DS-2DT6223-AELY	Pendant Wall Mount for DS-2CD6626DS-1ZH5	Medium Junction Box	Wall Bracket for XC Series SS Dome	Wall Bracket for XC Series 316L SS Dome

## PANOVU BRACKETS

<b>BRACKET</b>			
<b>DESCRIPTION</b>	Wall Mounting for DS-2PT3326I-DE3	PanoVu Pendant Wall Mount	PanoVu Pendant Wall Mount Grey















## UNIVERSAL BRACKET FOR PENDANT CAPS

<b>BRACKET</b>			
<b>DESCRIPTION</b>	Camera Ceiling Pendant Mount	Short Wall Mount, junction box and Teflon tape included	Long Wall Mount, junction box and Teflon tape included















## CAMERA BRACKETS

<b>BRACKET</b>														
<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	Conduit Base for DS-2DE3304W-DE	Conduit Base	Conduit Base

<b>BRACKET</b>														
<b>DESCRIPTION</b>	Conduit Box for DE4A Series PTZs	Conduit Box for 6D52/6D82	Conduit base for Fisheye	Conduit Box for PanoVu 3-Axis	Conduit Box for Dual-lens Camera	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	15° Angled Base, 165mm

<b>BRACKET</b>														
<b>DESCRIPTION</b>	Ceiling mount	Recessed ceiling mount	Recessed ceiling mount	Recessed ceiling mount	Recessed ceiling mount for DS-2DE3304W-DE	Recessed ceiling mount	Recessed Ceiling Mount for DE4A Series PTZs	Recessed Ceiling Mount for Deepin-View DS-2CD71xx	Wall Mount Compact	Wall Mount for Fisheye	Plastic Wall Mount	Wall Mount for iDS-2CD6810F/C	Wall Mount bracket	Single Gang Plate

## UNIVERSAL BRACKET FOR WALL MOUNTS

<b>BRACKET</b>														
<b>DESCRIPTION</b>	Roof Parapet Mount	Pole Mount Adapter	Pole Mount Adapter	Pole Mount Adapter for LPR Camera	Pole Mount Adapter for Radar	Pole mount adapter for Horizontal hooping	Pole mount adapter for Vertical hooping	Pole mount adapter for Horizontal hooping installation and PTZ combo	Horizontal Pole Mount Adapter, Stainless Steel	Corner Mount Adapter	Corner Mount Adapter	Wall mount dome rain and sun protection	Medium -For outdoor dome rain and sun protection	Large -For outdoor dome rain and sun protection



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