

FOCUSED ON YOUR SUCCESS



ColorVu

## PRODUCT CATALOG | FALL 2021

**“We’re committed to delivering high-quality, innovative solutions with a best-in-class sales and support team that is focused on your success.”**



# Hikvision:

## Solutions for a Changing Business Environment

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

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

We're committed to delivering high-quality, innovative solutions with a best-in-class sales and support team that is focused on your success. Hikvision's extensive and diverse Canadian team consists of professionals country wide to provide local and national support.

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

# 2nd Gen Acusense PCI Series Performance IP Camera

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

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



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

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

## FEATURES

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

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

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

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

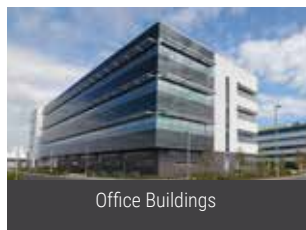
**Easy Configuration:** Easily and quickly enable a video analysis rule to start enjoying the simplicity and effectiveness of AcuSense performance.



Residential / Gated Communities



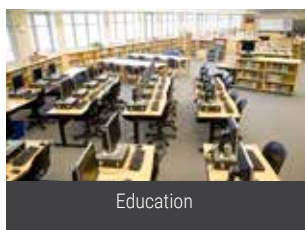
Retail Stores / QSR



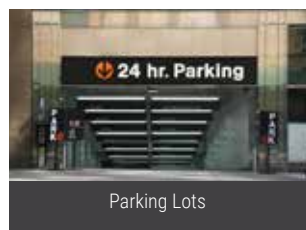
Office Buildings



Warehouses and Factories



Education



Parking Lots





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

Darkness provides cover for theft, trespassing, and other crimes. When incidents occur at night, conventional cameras without supplemental lighting miss or lose critical details. Infrared illumination brings out more details in nighttime lighting conditions, however, it provides only black and white images.



DS-2CD2087G2-L

DS-2CD2147G2-SU

Colours missing from the footage makes it difficult to provide a positive identification. With ColorVu cameras, the true colour of a person's clothing or the colour of a vehicle will be clearly visible in live viewing mode and in recorded video footage—during daytime, nighttime, and poor lighting conditions.

## FEATURES

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

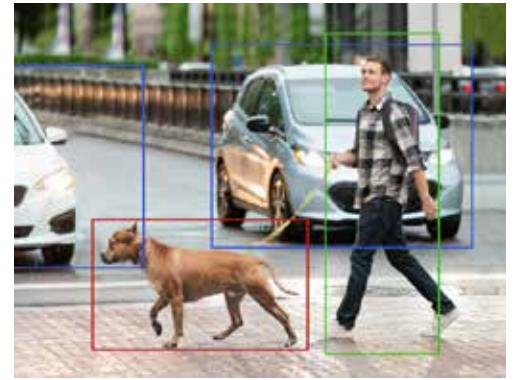
# DeepinView Cameras

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

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

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

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



## FEATURES

**Classifies Target Objects & Performs Attribute Search:**

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

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

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

**ePTZ Auto Tracking:**

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

**Queue Management:**

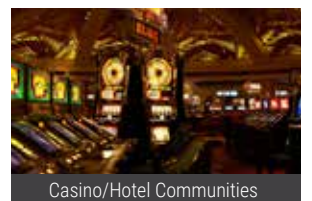
DeepinView can detect the number of people waiting in line and the wait time for each individual, helping businesses better understand customer wait times, optimize staff levels, and enhance customer experience and satisfaction.

**Attribute-Based People Counting and Area Density Control:**

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

**Hard Hat Detection:**

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



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Value Express IP Kits

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# HikCentral Professional VMS

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



## FEATURES

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



# HIKCENTRAL PROFESSIONAL 2.0.2



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

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



## NINE MAJOR APPLICATIONS TO CHOOSE FROM

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

## A UNIFIED SECURITY SYSTEM THAT ENHANCES MANAGEMENT OPERATIONS

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

# iVMS-4200 Client Software for Microsoft Windows

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

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

## SOFTWARE SPECIFICATIONS

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

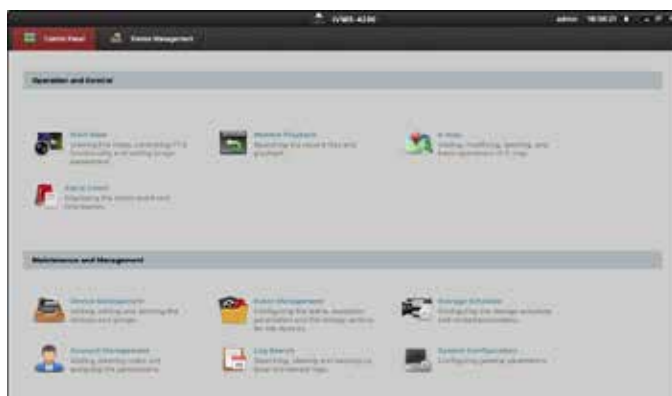
## SYSTEM RECOMMENDATIONS

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

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

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

System Requirements	Hardware	Mac
	Operating System	



# Hik-Connect P2P/DDNS Platform and Mobile App

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

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

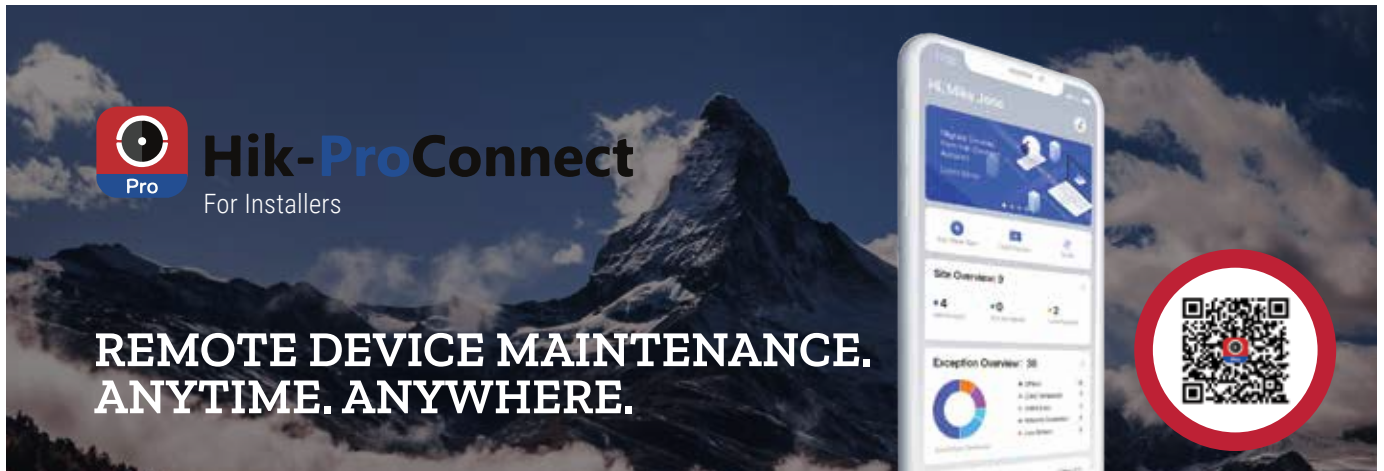
## Hikvision Views Mobile App

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





# Hik-ProConnect



PROFESSIONAL SOLUTIONS

## WHAT IS HIK-PROCONNECT?

Hik-ProConnect is a convergent, cloud-based solution that quickly helps install your security solutions and manage your customers services completely remote.

Previously, installers have used iVMS-4200 and Hik-Connect App to manage their customers' devices. Hikvision is excited to release a new, professional device management software - Hik-ProConnect, which can improve installers' efficiency, smooth installation work flow and create recurring monthly revenues such as cloud attendance service, Health Monitoring, alarm linkages etc.

### WHY IS HIK-PROCONNECT USEFUL TO INSTALLERS?

#### DEVICE BREAKS DOWN AND CUSTOMERS DON'T KNOW?

Health Monitoring helps monitor devices' health status 24/7 and give notifications in time when devices abnormality occurs.

#### FORGET YOUR DEVICE PASSWORD AND HARD TO RESET?

Remote Password Resetting helps customers' devices to be quickly reset within one minute.

#### WAIT FOR DEVICE MAINTENANCE FOR LONG TIME

Remove Maintenance allows customers' devices to be Quickly maintained or configured remotely.

#### WANT MORE AMAZING FUNCTIONS?

Flexible Linkage across Devices; Cloud Storage Solution; Cloud-based Attendance Solutions

### COMPARISON AMONG HIK-PROCONNECT, HIK-CONNECT AND IVMS-4200?

		Hik-Pro-Connect	Hik-Con-nect	iVMS-4200
FREE FUNCTION	<b>NEW</b> LAN batch configuration for CCTV products	✓	X	X
	<b>NEW</b> Copy one device's parameter to many other devices for configuration	✓	X	X
	Live view/Playback/Downloaded/PTZ	✓	✓	✓
	Controllable permission management for end user (end user can give or revoke device permissions)	✓	X	X
	Remote configuration	✓	X	✓
	Reset password remotely	Almost all devices	Some models of NVR, DVR	X
	Customer management (customer's devices can be cataloged together in a place called "site")	✓	X	✓
	Portal and mobile App	✓	X	X
ADD-ON FUNCTION	<b>NEW</b> View device health status on dashboards	✓	X	X
	Exception notification (give alarms to installers in real time when device exceptions happen)	✓	X	X
	Auto send device health check report	✓	X	X
	WAN cross device linkage (links different devices to work as a whole for comprehensive security)	✓	X	X
	Sub account (different installers can have various permissions)	✓	X	X
	<b>NEW</b> Co-branding (makes installer companies more famous)	✓	X	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.

## FEATURES

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

## APPLICATIONS



Education



Commercial Real Estate



Healthcare



# NETWORK CAMERAS SMART SERIES



FISHEYE

FISHEYE IMMERSIVE

FISHEYE INDOOR  
RECESSED MOUNT

MODEL	<b>DS-2CD6365G0E-IS (6 MP)</b> <b>DS-2CD6365G0E-IVS (6 MP)</b> <b>DS-2CD63C5G0E-IS (12 MP)</b> <b>DS-2CD63C5G0E-IVS (12 MP)</b>	<b>DS-2CD63C5G0-IVS (12 MP)</b> <b>DS-2CD63C5G0-IVS (12 MP)</b>	<b>DS-2CD6365G0E-S/RC (6 MP)</b> <b>DS-2CD63C5G0E-S/RC (12 MP)</b>
MEGAPIXELS	6/12 MP	12 MP	6/12 MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	<b>6 MP: 1/1.8"</b> <b>12 MP: 1/1.7"</b>	<b>12 MP: 1/1.7"</b>	<b>6 MP: 1/1.8</b> <b>12 MP: 1/1.7"</b>
MIN. ILLUMINATION (LUX)	<b>6 MP: Colour: 0.047 @ f/2.6</b> <b>12 MP: Colour: 0.082 @ f/2.8</b> <b>All: B/W: 0 with IR</b>	<b>12 MP: Colour: 0.082 @ f/2.8</b> <b>B/W: 0 with IR</b>	<b>6 MP: Colour: 0.01 @ f/1.2</b> <b>12 MP: Colour: 0.06 @ f/2.4</b> <b>B/W: 0 with IR</b>
LENS (FOV H x V)	<b>6 MP: 1.27 mm (360°) @ f/2.6</b> <b>12 MP: 2 mm (360°) @ f/2.8</b>	<b>12 MP: 2 mm (360°) @ f/2.8</b>	<b>6 MP: 1.27 mm (360°) @ f/2.6</b> <b>12 MP: 2 mm (360°) @ f/2.4</b>
DAY/NIGHT, BLC, WDR	<b>6 MP: True, Yes, Digital</b> <b>12 MP: True, Yes, Digital</b>	True, Yes, Digital	True, Yes, Digital
IR RANGE MAX (METERS)	15	15	–
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
MAX IMAGE RESOLUTION (PIXELS) & FRAME RATE	<b>6 MP: (3072 x 2048)</b> <b>12 MP: (4000 x 3000)</b>	<b>12 MP: (4000 x 3000)</b>	<b>6 MP: (3072 x 2048)</b> <b>12 MP: (4000 x 3000)</b>
AUDIO INPUT/OUTPUT	Built-In Mic/Audio Input, Speaker/Audio Output	Built-In Mic/Audio Input, Speaker/Audio Output	1 Audio (Line In, 3.5 mm), 1 Audio (Line Out, 3.5 mm), 2 Built-In Microphones, Mono Sound
ALARM INPUT/OUTPUT	1/1	1/1	1/1
RATINGS	–	UL/cUL Listed	–
OPERATING TEMPERATURE RANGE	<b>-V Model: IP67, IK10</b>	<b>-V Model: IP67, IK10</b>	-10 °C to 40 °C (14 °F to 104 °F)
POWER REQUIREMENTS (MAX)	12V DC, 0.9 A, MAX 11 W PoE (802.3af, 36–57V), 0.3–0.2 A, MAX 12 W	12V DC, 0.9 A, MAX 11 W PoE (802.3af, 36–57V), 0.3–0.2 A, MAX 12 W	12V DC, 0.5 A, Max 6 W PoE (802.3af, 36–57V), 0.3–0.2 A, MAX 12 W
BRACKETS	CB-FE, AB-FE, WML, CPM, PC-FE, WM-FE	CB-FE, AB-FE, WML, CPM, PC-FE, WM-FE	–

# NETWORK CAMERAS SMART SERIES



SMART PRO SERIES  
DETENTION GRADE CORNER MOUNT

MODEL	DS-2CD6W45G0-IVS
MEGAPIXELS	4 MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	1/2"
MIN. ILLUMINATION (LUX)	<b>Colour:</b> 0.082 Lux @ (F2.4, AGC ON) <b>B/W:</b> 0.016 Lux @ (F2.4, AGC ON), 0 Lux with IR
LENS (FOV H x V)	2 mm (135° x 98°) @ f/2.4
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB
IR RANGE MAX (METERS)	15 m
VIDEO COMPRESSION	H.264
MAX IMAGE RESOLUTION (PIXELS) & FRAME RATE	4 MP (2400x1800), 30
AUDIO INPUT/OUTPUT	1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm); Built in mic/No speaker
ALARM INPUT/OUTPUT	1/1
RATINGS	IP66, IK10, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-30 to 60 °C (-22 to 140 °F)
POWER REQUIREMENTS (MAX)	12V DC, PoE (802.3af), 12 W
BRACKETS	—



PROFESSIONAL SOLUTIONS



# NETWORK CAMERAS SMART SERIES



	DARKFIGHTER (2/4 MP)	DARKFIGHTER (2/4 MP), EXIR 2.0	DARKFIGHTER (2/4 MP), EXIR 2.0	DARKFIGHTER (2/4 MP), EXIR 2.0
<b>MODEL</b>	DS-2CD5046G0-AP (4 MP) DS-2CD5085G0-AP (8 MP) DS-2CD50C5G0-AP (12 MP)	DS-2CD5126G0-IZS (2 MP) DS-2CD5146G0-IZS (4 MP) DS-2CD5185G0-IZS (8 MP) DS-2CD51C5G0-IZS (12 MP)	DS-2CD5526G0-IZHS (2 MP) DS-2CD5526G0-IZHS8 (2 MP) DS-2CD5546G0-IZHS (4 MP) DS-2CD5546G0-IZHS8 (4 MP) DS-2CD5585G0-IZHS (8 MP) DS-2CD5585G0-IZHS8 (8 MP) DS-2CD55C5G0-IZHS (12 MP)	DS-2CD5A26G0-IZHS (2 MP) DS-2CD5A26G0-IZHS8 (2 MP) DS-2CD5A46G0-IZHS (4 MP) DS-2CD5A46G0-IZHS8 (4 MP) DS-2CD5A85G0-IZHS (8 MP) DS-2CD5A85G0-IZHS8 (8 MP) DS-2CD5AC5G0-IZHS (12 MP) DS-2CD5A46G0-IZ/UH
<b>MEGAPIXELS</b>	4/8/12 MP	2/4/8/12 MP	2/4/8/12 MP	2/4/8/12 MP
<b>SENSOR SIZE (PROGRESSIVE SCAN CMOS)</b>	4/8MP: 1/1.8" 12MP: 1/1.7"	2/4/8MP: 1/1.8" 12MP: 1/1.7"	2/4/8/12MP: 1/1.8"	2/4/8/12MP: 1/1.8"
<b>MIN. ILLUMINATION (LUX)</b>	4 MP: Colour: 0.002 @ f/1.2 8MP: Colour: 0.007 Lux @ F1.2 12MP: Colour: 0.008 Lux @ F1.2	4 MP: Colour: 0.002 @ f/1.2 8MP: Colour: 0.007 Lux @ F1.2 12MP: Colour: 0.008 Lux @ F1.2	2/4 MP: Colour: 0.002 @ f/1.2 B/W:0 Lux with IR	2/4 MP: Colour: 0.002 @ f/1.2 B/W:0 Lux with IR
<b>LENS (FOV H x V)</b>	C/CS mount lens sold separately	-IZHS: 2.8 to 12 mm	-IZHS: 2.8 to 12 mm -IZHS8: 8 to 32 mm	-IZHS: 2.8 to 12 mm -IZHS8: 8 to 32 mm
<b>DAY/NIGHT, BLC, WDR</b>	-	-	-	-
<b>IR RANGE MAX (METERS)</b>	-	30	-IZHS: 30 -IZHS8: 50	-IZHS: 50 -IZHS8: 100
<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) &amp; FRAME RATE</b>	4 MP (2560×1440), 30 8 MP (3840×2160), 30 12 MP (4000×3000), 20	2 MP (1920×1080), 60 4 MP (2560×1440), 30 8 MP (3840×2160), 30 12 MP (4000×3000), 20	2 MP (1920×1080), 60 4 MP (2560×1440), 30 8 MP (3840×2160), 30 12 MP (4000×3000), 20	2 MP (1920×1080), 60 4 MP (2560×1440), 30 8 MP (3840×2160), 30 12 MP (4000×3000), 20
<b>AUDIO INPUT/OUTPUT</b>	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	-
<b>ALARM INPUT/OUTPUT</b>	2/2	1/1	1/1	2/2
<b>RATINGS</b>	UL/cUL Listed	IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed
<b>OPERATING TEMPERATURE RANGE</b>	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-40 °C to 65 °C (-40 °F to 149 °F)	-40 °C to 65 °C (-40 °F to 149 °F)
<b>POWER REQUIREMENTS (MAX)</b>	24 VAC, 12 VDC, PoE (802.3af), 10 W	12 VDC, PoE (802.3af), 10.5 W	12 VDC, PoE (802.3at), 18 W	12 VDC, PoE (802.3at), 18 W
<b>BRACKETS</b>	WBS, PP2	PC130, WML, CPM, CPME, PM, CM, RCM-1, AB135	WML, WMS, PC155, CPM, RPM	PM1, CM1
<b>STANDARDS</b>	Complies with ONVIF (Profile S and G), PSIA, CGI ASAPI. Contact for factory details			



# NETWORK CAMERAS SMART SERIES



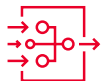
Face Detection



	COVERT (BASE & LENS)	COVERT (BASE & 2 LENSES)
MODEL	DS-2CD6425G0-10 DS-2CD6425G0-20 DS-2CD6425G0-30	DS-2CD6425G0/F-11 DS-2CD6425G0/F-21 DS-2CD6425G0/F-31
MEGAPIXELS	2 MP	4 MP: (2x 2 MP)
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	1/2.8"	1/2.8"
MIN. ILLUMINATION (LUX)	Colour: 0.014 Lux @ f/2.0 B/W: 0.0003 Lux @ f/2.0	Colour: 0.006 Lux @ f/2.5 B/W: 0.003 Lux @ f/2.5
LENS (FOV H x V)	-10 Cylindrical Lens: 3.7 mm @ f/2.5, H: 71°, V: 39.3° -20 L-Shaped Pinhole Lens: 3.7 mm @ f/2.5, H: 71°, V: 39.3° -30 Tube Lens: 2.8 mm @ f/2.0, H: 104°, V: 56.8°	-11 Cylindrical Pinhole Lens: 3.7 mm @ f/2.5, H: 75° V: 41.5° -21 L-Shaped Pinhole Lens: 2.8 mm @ f/2.5, H: 94°, V: 51.5° -31 Tube Lens: 2.8 mm @ f/1.6, H: 110.5°, V: 60°
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB	True, Yes, 120 dB
IR RANGE MAX (METERS)	-	-
VIDEO COMPRESSION	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG
MAX IMAGE RESOLUTION (PIXELS) & FRAME RATE	1920 x 1080, 30	1920 x 1080, 30
AUDIO INPUT/OUTPUT	1 Line/Mic/1 Line	1 Line/Mic/1 Line
ALARM INPUT/OUTPUT	1/1	2/2
RATINGS	UL/cUL Listed	UL/cUL Listed -31: IP66
OPERATING TEMPERATURE RANGE	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)
POWER REQUIREMENTS (MAX)	12V DC/PoE (802.3af), 3.5 W	12V DC/PoE (802.3at), 16 W
BRACKETS	Included	Included

PROFESSIONAL SOLUTIONS

# Why DeepinView Cameras?



**6-in-1 Switchable Algorithms**  
Powerful AI with Deep Learning technology, users can easily enable an algorithm manually for dedicated use.



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



**Auto Iris & P Iris, EXIR 2.0**  
DeepinView offers both Auto Iris and P Iris options, automatically adjusting the lens opening based on lighting conditions. It is highly adaptive to lighting changes throughout the day, producing high quality images 24/7



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



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



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



**H265+ Video Compression**  
Effective H.265+ video compression technology for bandwidth and storage savings.



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



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



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

# DEEPINVIEW SMART SERIES



DeepinView

Dual Lens  
DeepinView

DeepinView

DeepinView



LICENSE PLATE RECOGNITION

COUNTING CAMERA

VARIFOCAI DOME

VARIFOCAI DOME

MODELS	DS-2CD7A26G0/P-IZHS DS-2CD7A26G0/P-IZHS8	DS-2CD6825G0/C-IS DS-2CD6825G0/C-IVS	iDS-2CD7146G0-IZS iDS-2CD7146G0-IZS8	iDS-2CD71C5G0-IZS iDS-2CD71C5G0-IZS8
MEGAPIXELS	2 MP	2 MP	4 MP	12 MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	1/1.8"	1/2.7"	1/1.8"	1/1.7"
MIN ILLUMINATION (LUX)	Colour: 0.002 @ f/1.2 B/W: 0 with IR	Colour: 0.005 Lux @ f/2.0, AGC ON B/W: 0.001 Lux @ f/2.0, AGC ON	Colour: 0.001 lux @ f/1.2, AGC ON B/W: 0.003 lux @ f/1.2, AGC ON	Colour: 0.009 Lux @ F1.2, AGC ON B/W: 0.0009 Lux @ F1.2, AGC ON
LENS (FOV H x V)	-IZHS: 2.8 to 12 mm -IZHS8: 8 to 32mm	2 mm	2.8 - 12 mm 8 - 32 mm	2.8 - 12 mm 8 - 32 mm
DAY/NIGHT, BLC, WDR	True, Yes, 140 dB	True, Yes, Digital	True, Yes, 140 dB	True, Yes, 140 dB
IR RANGE MAX (METERS)	-IZHS: 50 -IZHS8: 100	6	2.8-12mm: 30m 8-32mm: 50m	2.8-12mm: 30m 8-32mm: 50m
VIDEO COMPRESSION	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+/H.265//H.264+/H.264/MJPEG	H.265+/H.265//H.264+/H.264/MJPEG
MAX IMAGE RESOLUTION (PIXELS) & FRAME RATE	2 MP: (1920 x 1080), 60	2 MP: (1920 x 1080), 25	2680x1520, 30fps	4000x3000, 30
AUDIO INPUT/OUTPUT	-	1 Line/Mic/1 Line	IN: 1 line/mic OUT: 1 line	IN: 1 line/mic OUT: 1 line
ALARM INPUT/OUTPUT	2/2	1/1	1/1	1/1
RATINGS	IP67, UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-10 to 40 °C (14 to 104 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
POWER REQUIREMENTS (MAX)	12V DC, PoE+ (802.3at), 16.5 W	12V DC, 8 W	12 VDC, 0.83 A, max. 9.96 W 24 VAC, 0.85 A, max. 12 W PoE(802.3af), 12W	12 VDC, 0.83 A, max. 9.96 W 24 VAC, 0.85 A, max. 12 W PoE(802.3af), 12W
BRACKETS	PM1, CM1, PM-LPR		PC130, CPM, WML	PC130, CPM, WML

See data sheet for supported analytics.

PROFESSIONAL SOLUTIONS



# DEEPINVIEW SMART SERIES

PROFESSIONAL SOLUTIONS

DeepinView



VARIFOCAL DOME

DeepinView



VARIFOCAL DOME

DeepinView



VARIFOCAL BULLET

DeepinView



VARIFOCAL BULLET

DeepinView



BOX CAMERA

MODELS	iDS-2CD7546G0-IZHS iDS-2CD7546G0-IZHS8	iDS-2CD75C5G0-IZHS iDS-2CD75C5G0-IZHS8	iDS-2CD7A46G0-IZHS iDS-2CD7A46G0-IZHS8	iDS-2CD7AC5G0-IZHS iDS-2CD7AC5G0-IZHS8	iDS-2CD7046G0-AP
MEGAPIXELS	4 MP	12 MP	4 MP	12 MP	4 MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	1/1.8"	1/1.7"	1/1.8"	1/1.7"	1/1.8"
MIN ILLUMINATION (LUX)	<b>Colour:</b> 0.001 Lux @ (F1.2, AGC ON) <b>B/W:</b> 0.0003 Lux @ (F1.2, AGC ON)	<b>Colour:</b> 0.009 Lux @ (F1.2, AGC ON) <b>B/W:</b> 0.0009 Lux @ (F1.2, AGC ON)	<b>Colour:</b> 0.001 Lux @ (F1.2, AGC ON) <b>B/W:</b> 0.0003 Lux @ (F1.2, AGC ON)	<b>Colour:</b> 0.009 Lux @ (F1.2, AGC ON) <b>B/W:</b> 0.0009 Lux @ (F1.2, AGC ON)	<b>Colour:</b> 0.001 Lux @ (F1.2, AGC ON) <b>B/W:</b> 0.0003 Lux @ (F1.2, AGC ON)
LENS (FOV H x V)	<b>2.8 - 12 mm</b> <b>8 - 32 mm</b>	<b>2.8 - 12 mm</b> <b>8 - 32 mm</b>	<b>2.8 - 12 mm</b> <b>8 - 32 mm</b>	<b>2.8 - 12 mm</b> <b>8 - 32 mm</b>	P-Iris
DAY/NIGHT, BLC, WDR	True, Yes, 140 dB	True, Yes, 140 dB	True, Yes, 140 dB	Digital WDR	True, Yes, 140 dB
IR RANGE MAX (METERS)	<b>2.8-12 mm: 30 m</b> <b>8-32 mm: 50 m</b>	<b>2.8-12mm: 30m</b> <b>8-32mm: 50m</b>	<b>2.8-12mm: 50m</b> <b>8-32mm: 100m</b>	<b>2.8-12mm: 50m</b> <b>8-32mm: 100m</b>	-
VIDEO COMPRESSION	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG
MAX IMAGE RESOLUTION (PIXELS) & FRAME RATE	<b>2680x1520, 30fps</b>	<b>4000x3000, 30fps</b>	2680x1520, 30fps	4000x3000, 30fps	2680x1520, 30fps
AUDIO INPUT/OUTPUT	IN: 1 line/ 2 mic OUT: 1 line	IN: 1 line/2 mic OUT: 1 line	IN: 1 line/mic OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line/mic OUT: 1 line
ALARM INPUT/OUTPUT	1/1	1/1	2/2	2/2	2/2
RATINGS	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	UL/cUL Listed
OPERATING TEMPERATURE RANGE	-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)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
POWER REQUIREMENTS (MAX)	12 VDC, 0.98 A, max. 12.5 W PoE(802.3at)	12 VDC, 0.98 A, max. 12.5 W PoE(802.3at)	12 VDC, 1.33 A, max. 16.0 W PoE(802.3at), 18W	12 VDC, 1.33 A, max. 16.0 W PoE(802.3at), 18W	12 VDC, 1A 24 VAC, 0.79A, 12W PoE(802.3af)
BRACKETS	PC155, CPM, WML	PC155, CPM, WML	PM1/CM1	PM1/CM1	-

See data sheet for supported analytics.



# PTZ SMART PRO



DarkFighter.  
Smart Tracking 2.0



INDOOR PTZ

DS-2DF5232X-AE3

DarkFighter.



OUTDOOR PTZ

DS-2DF5232X-AEL

DarkFighter.  
Smart Tracking 2.0



OUTDOOR PTZ

DS-2DF6A436X-AEL

Powered by  
DarkFighter.  
Smart Tracking 2.0



OUTDOOR PTZ

DS-2DF6A836X-AEL

MODELS	DS-2DF5232X-AE3	DS-2DF5232X-AEL	DS-2DF6A436X-AEL	DS-2DF6A836X-AEL
MEGAPIXELS	2 MP	2 MP	4 MP	8 MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	1/2.8"	1/2.8"	1/1.8"	2/3"
MIN ILLUMINATION (LUX)	Colour: 0.002 @ f/1.2		Colour: 0.002 @ f/1.5	Colour: 0.005 @ f/1.5
LENS (FOV H x V)	4.8–153 mm, Motorized Zoom, Autofocus	4.8–153 mm, Motorized Zoom, Autofocus	5.7–205.2 mm, Motorized Zoom, Autofocus	7.5–270 mm, Motorized Zoom, Autofocus
OPTICAL ZOOM	32x	32x	36x	36x
PAN RANGE	360° Endless	360° Endless	360° Endless	360° Endless
TILT RANGE	-5° to 90° (Auto Flip)	-5° to 90° (Auto Flip)	-20° to 90° (Auto Flip)	-20° to 90° (Auto Flip)
PAN & TILT SPEED (MANUAL)	<b>Pan:</b> 0.1°/s to 300°/sec <b>Tilt:</b> 0.1°/s to 240°/sec	<b>Pan:</b> 0.1°/s to 300°/sec <b>Tilt:</b> 0.1°/s to 240°/sec	0.1°/s to 350°/sec & 0.1°/s to 240°/sec	0.1°/s to 350°/sec & 0.1°/s to 240°/sec
PAN & TILT SPEED (PRESET)	<b>Pan:</b> 540°/sec, <b>Tilt:</b> 400°/sec	<b>Pan:</b> 540°/sec, <b>Tilt:</b> 400°/sec	540°/sec & 400°/sec	540°/sec & 400°/sec
DAY/NIGHT, BLC, WDR, IMAGE ENHANCEMENT	True, Yes, 120 dB, Yes	True, Yes, 120 dB, Yes	True, Yes, 120 dB, Yes	Digital, Yes, 120 dB, Yes
IR RANGE MAX (METERS)	–	–	–	–
VIDEO COMPRESSION	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264
MAX IMAGE RESOLUTION (PIXELS) & FRAME RATE	(1920 x 1080), 30	(1920 x 1080), 30	4 MP (2560 x 1440), 30	8 MP (4096 x 2160), 30
RATINGS	IK10, UL/cUL Listed	IP66, IK10 UL/cUL Listed	IP67, IK10 UL/cUL Listed	IP67, IK10 UL/cUL Listed
OPERATING TEMPERATURE RANGE	-10 to 50 °C (14 to 122°F)	-40 to 70 °C (-40 to 158 °F)	-40 to 70 °C (-40 to 158 °F)	-40 to 70 °C (-40 to 158 °F)
POWER REQUIREMENTS (MAX)	24V AC, Hi-PoE (802.3at), 25 W, PoE Injector Included	24V AC, (Max 60 W) Hi-PoE (802.3at), (Max 50 W), PoE Injector Included	24V AC (Max 60 W), Hi-PoE (Max 50 W), PoE Injector Included	24V AC (Max 60 W), Hi-PoE (Max 50 W), PoE Injector Included
BRACKETS	Ceiling Recess/ Flush Mount Included	RPM, WMP-L, JBPW, SNB-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

PROFESSIONAL SOLUTIONS



# PTZ SMART PRO

PROFESSIONAL SOLUTIONS

DarkFighter.  
Smart Tracking 2.0



OUTDOOR PTZ

DS-2DF8242IX-AELW

DarkFighter.  
Smart Tracking 3.0



OUTDOOR PTZ

DS-2DF8442IXS-AELW

DarkFighter.  
Smart Tracking 2.0



OUTDOOR PTZ

DS-2DF8C842IXS-AELW

DarkFighter.  
Smart Tracking 3.0



OUTDOOR PTZ

DS-2DF9C245IHS-DLW

MODELS	DS-2DF8242IX-AELW	DS-2DF8442IXS-AELW	DS-2DF8C842IXS-AELW	DS-2DF9C245IHS-DLW
MEGAPIXELS	2 MP	4 MP	4K	2 MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	1/1.8"	1/1.8"	1/1.2"	Two 1/1.8"
MIN ILLUMINATION (LUX)	<b>Colour: 0.002 @ f/1.2</b>	<b>Colour: 0.002 @ f/1.2</b>	<b>Colour: 0.002 @ f/1.6</b>	<b>Colour: 0.0005 @ f/1.5</b> <b>B/W: 0 with IR</b>
LENS (FOV H x V)	6 mm–252 mm, motorized zoom, autofocus	6.0–252 mm, motorized zoom, autofocus	7.5–315 mm, motorized zoom, autofocus	5.9–265 mm, Motorized Zoom, Autofocus
OPTICAL ZOOM	42x	42x	42x	45x
PAN RANGE	360° Endless	360° Endless	360° Endless	360° Endless
TILT RANGE	-20° to 90° (auto flip)	-20° to 90° (Auto Flip)	-20° to 90° (Auto Flip)	-20° to 90° (Auto Flip)
PAN & TILT SPEED (PRESET)	<b>280°/sec. &amp; 250°/sec</b>	<b>Pan: 280°/sec</b> <b>Tilt: 250°/sec</b>	<b>Pan: 280°/sec</b> <b>Tilt: 250°/sec</b>	<b>Pan: 280°/sec</b> <b>Tilt: 250°/sec</b>
DAY/NIGHT, BLC, WDR, EIS	True, Yes, 140 dB, Yes	True, Yes, 140 dB, Yes	True, Yes, 120 dB, Yes	True, Yes, 140 dB, Yes
IR RANGE MAX (METERS)	400 m	500 m	200 m	500 m
VIDEO COMPRESSION	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264
MAX IMAGE RESOLUTION (PIXELS) & FRAME RATE	2 MP (1920x1080), 30	4 MP (2560x1440), 60	8 MP (4096 x 2160), 30	2 MP (1920x1080), 60
RATINGS	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-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)
POWER REQUIREMENTS (MAX)	24V AC, (Max 60 W) Hi-PoE (802.3at), (Max 50 W), PoE Injector Included	24V AC (Max. 60 W) , Hi-PoE (Max. 50 W), PoE Injector Included	24V AC, (Max 60 W) Hi-PoE (802.3at), (Max 50 W), PoE Injector Included	36 VDC, (Max 90 W)
BRACKETS	JBPW-L, CPM, RPM	JBPW-L, CPM, RPM	JBPW-L-G, CPM-L-G, RPM-G	WMP-L, CMP, PMP, JBPW-L

# SPECIALTY SMART PRO



	ANTI-CORROSION DOME			ANTI-CORROSION DOME	
MODELS	DS-2XC6122FWD-IS			DS-2XC6142FWD-IS	
MEGAPIXELS	2 MP			4 MP	
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	1/2.7"			1/3"	
MIN ILLUMINATION (LUX)	Colour: 0.01lux @ f/1.2, B/W: 0 with IR			Colour: 0.01lux @ f/1.2, B/W: 0 with IR	
LENS	2.8 mm	4 mm	6 mm	4 mm	6 mm
FOV (H x V)	100°	91°	60°	83°	55.4°
PAN/TILT/ROTATION	0° to 75°/-30° to 30°/0° to 360°			0° to 75°/-30° to 30°/0° to 360°	
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB			True, Yes, 120 dB	
IR RANGE MAX (METERS)	10 m			10 m	
VIDEO COMPRESSION	H.265+, H.265, H.264+, H.264			H.265+, H.265, H.264+, H.264	
MAX IMAGE RESOLUTION (PIXELS)	1920 x 1080			2560 x 1440	
FRAME RATE (FPS)	2.8 mm: 24 @ 1920 x 1080, 1280 x 960, 1280 x 720 4, 6 mm: 30 @ 1920 x 1080, 1280 x 960, 1280 x 720			24 @ 2560 x 1440, 1920 x 1080, 1280 x 720, 528 x 384	
MULTI-STREAMING	Triple			Triple	
SMART FEATURES	Full Smart Suite <sup>1</sup>			Full Smart Suite <sup>1</sup>	
IMAGE ENHANCEMENT	BLC/3D DNR/Defog			BLC/3D DNR/Defog	
MOTION DETECTION	Yes			Yes	
AUDIO INPUT/OUTPUT	-			-	
ALARM INPUT/OUTPUT	1/1			1/1	
LOCAL STORAGE	MicroSD 128 GB Max			MicroSD 128 GB Max	
RATINGS	316L Stainless Steel, IP67, UL/cUL Listed, Anti-Corrosion, NEMA 4X, WF2, C5-M			316L Stainless Steel, IP67, UL/cUL Listed, Anti-Corrosion, NEMA 4X, WF2, C5-M	
OPERATING TEMPERATURE RANGE	-30 to 60 °C (-40 to 140 °F)			-30 to 60 °C (-40 to 140 °F)	
POWER REQUIREMENTS (MAX)	12V DC, PoE (802.3af), 5 W			12V DC, PoE (802.3af), 5 W	
BRACKETS	JBM-SS, WB-XC			JBM-SS, WB-XC	
STANDARDS					

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



DarkFighter.



DarkFighter.



	OUTDOOR	OUTDOOR	OUTDOOR	OUTDOOR
<b>MODELS</b>	DS-2CD6D24FWD-IZHS	DS-2CD6D54FWD-IZHS	DS-2CD6924G0-IHS	DS-2CD6984G0-IHS
<b>MEGAPIXELS</b>	8 MP (4x 2 MP)	20 MP (4x 5 MP)	8 MP (4x 2 MP Stitched or Separate)	32 MP (4x 8 MP Stitched or Separate)
<b>MIN ILLUMINATION (LUX)</b>	Colour: 0.01 @ f/1.6, AGC On B/W: 0.003 @ f/1.6, AGC On -I: B/W: 0 with IR	Colour: 0.01 @ f/1.6, AGC On B/W: 0.003 @ f/1.6, AGC On -I: B/W: 0 with IR	Colour: 0.007 @ f/1.8 B/W: 0 with IR	Colour: 0.018 @ f/1.2, 0.001 @ f/1.2
<b>LENS</b>	2.8-12 mm	2.8-12 mm	4 mm	2.8 mm
<b>HORIZONTAL ANGLE OF VIEW</b>	30° to 96.3° per Sensor	30° to 101° per Sensor	180° Stitched	180°
<b>PAN/TILT/ROTATION</b>	Pan: -180° to 180° Tilt: 0° to 135° Rotation: 0° to 355°	Pan: -180° to 180° Tilt: 0° to 135° Rotation: 0° to 355°	Pan: 0° to 355° Tilt: 0° to 90°	Pan: 0° to 355° Tilt: 0° to 90°
<b>DAY/NIGHT, BLC, WDR</b>	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, Digital	True, Yes, Digital
<b>IR RANGE MAX (METERS)</b>	30	30	20	20
<b>VIDEO COMPRESSION</b>	H.265+, H.264, MJPEG	H.265+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.264, MJPEG
<b>MAXIMUM IMAGE RESOLUTION (PIXELS)</b>	Fixed: 4X 1980 x 1080	Fixed: 4X 2560 x 1920	Stitched Panoramic: 4096 x 1800	Stitched Panoramic: 8160 x 3616
<b>MOTION DETECTION</b>	Yes	Yes	Yes	Yes
<b>AUDIO INPUT/OUTPUT</b>	1 Line/1 Line	1 Line/1 Line	1 Line/1 Line	1 Line/1 Line
<b>ALARM INPUT/OUTPUT</b>	2/2	2/2	2/2	2/2
<b>LOCAL STORAGE</b>	Built-In Memory Card Slot, Support Micro SD, SDHC, SDXC (Up to 128 GB)	Built-In Memory Card Slot, Support Micro SD, SDHC, SDXC (Up to 256 GB)	Support Micro SD, SDHC, SDXC Card (128G), Local Storage and NAS (NFS, SMB/CIFS), ANR	Support Micro SD, SDHC, SDXC Card (128G), Local Storage and NAS (NFS, SMB/CIFS), ANR
<b>RATINGS</b>	IP67, IK10 UL/cUL Listed	IP67, IK10 UL/cUL Listed	IP67, UL/cUL Listed, IK10	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)
<b>POWER REQUIREMENTS (MAX)</b>	12V DC ±25%, 28 W Hi-PoE 34 W (PoE Injector Included)	12V DC ±25%, 28 W Hi-PoE 34 W (PoE Injector Included)	12V DC, 1.5 A, Max 18 W PoE (802.3at, 42.5-57 V), 0.6-0.4 A, Max 25 W	12V DC, 1.5 A, Max 18 W PoE (802.3at, 42.5-57 V), 0.6-0.4 A, Max 25 W
<b>BRACKETS</b>	RPM, WMP-L, WMP-PV, PMP, PMP-V, CMP, JBPW-L, CMP-JB, PMP-JB, CPM-S, CPM-L, CPMPE	RPM, WMP-L, WMP-PV, PMP, PMP-V, CMP, JBPW-L, CMP-JB, PMP-JB, CPM-S, CPM-L, CPMPE	(Pendant Cap Included) RPM, WMP-L, WMP-PV, PMP, PMP-V, CMP, JBPW-L, CMP-JB, PMP-JB, CPM-S, CPM-L, CPMPE	(Pendant Cap Included) RPM, WMP-L, WMP-PV, PMP, PMP-V, CMP, JBPW-L, CMP-JB, PMP-JB, CPM-S, CPM-L, CPMPE





OUTDOOR



INDOOR  
(RECESSED MOUNT)



OUTDOOR



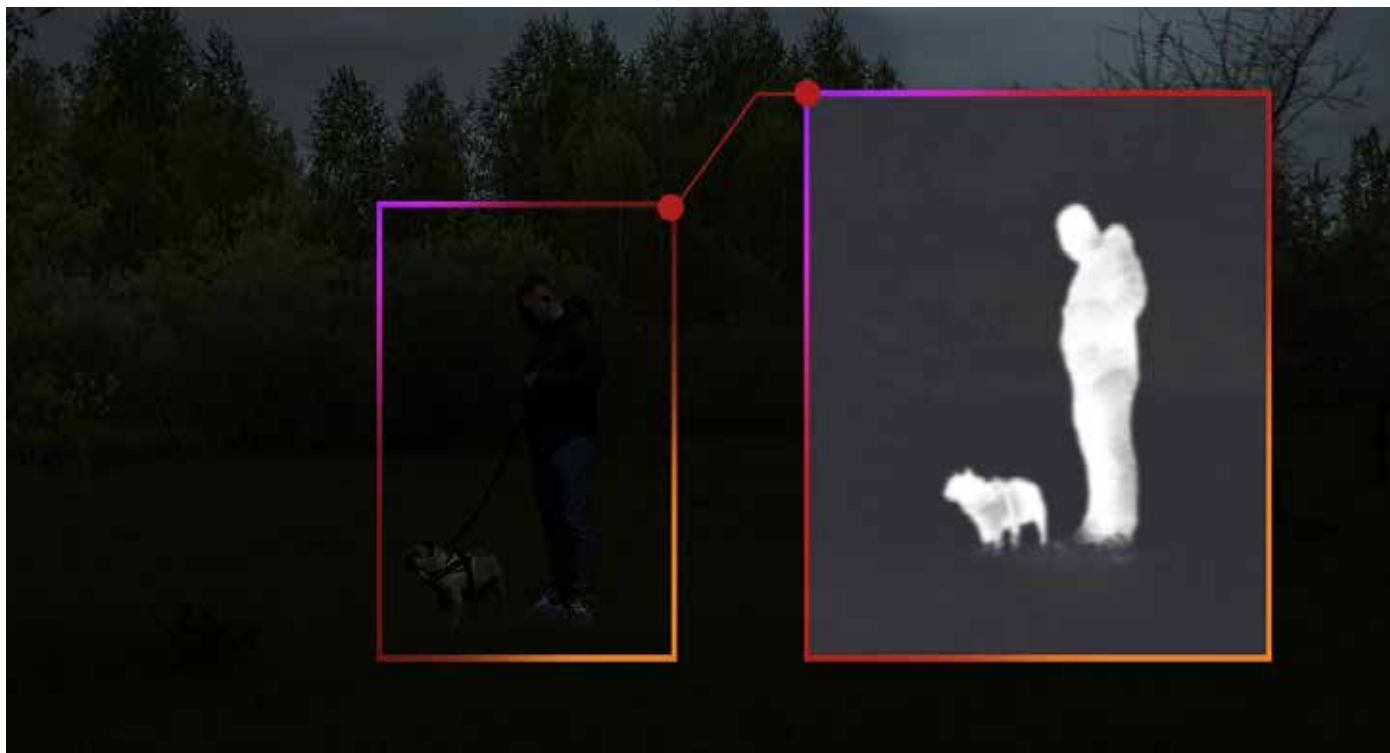
OUTDOOR

MODELS	DS-2CD6D54G1-IZS	DS-2CD6D54G1-ZS/RC	DS-2CD6D52G0-IHS	DS-2CD6D82G0-IHS
MEGAPIXELS	16 MP (4x 4 MP)	16 MP (4x 4 MP)	10 MP (2x 5 MP)	16 MP (2x 8 MP)
MIN ILLUMINATION (LUX)	<b>Colour:</b> 0.0125 Lux @ (f/1.9, AGC On) <b>B/W:</b> 0.0025 Lux @ (f/1.9, AGC On) 0 Lux with IR	<b>Colour:</b> 0.0125 Lux @ (f/1.9, AGC On) <b>B/W:</b> 0.0025 Lux @ (f/1.9, AGC On)	<b>Colour:</b> 0.009 Lux @ (f/1.6, AGC On) <b>B/W:</b> 0.0018 Lux @ (f/1.6, AGC On) 0 Lux with IR	<b>Colour:</b> 0.056 Lux @ (f/2.0, AGC On) 0 Lux with IR
LENS	Four 2.8–8 mm	Four 2.8–8 mm	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
HORIZONTAL ANGLE OF VIEW	H: 100° to 49°, V: 72° to 36.4°	H: 100° to 49°, V: 72° to 36.4°	H: 97°, V: 70° H: 79°, V: 57° H: 49°, V: 35°	H: 103°, V: 53°, H: 79°, V: 41°, H: 50°, V: 27°
PAN/TILT/ROTATION	<b>Pan:</b> -60° to 60° <b>Tilt:</b> 10° to 90°	<b>Pan:</b> -60° to 60° <b>Tilt:</b> 10° to 90°	<b>Pan:</b> -90° to 90° <b>Tilt:</b> 0° to 60° <b>Rotation:</b> 0° to 355°	<b>Pan:</b> -90° to 90° <b>Tilt:</b> 0° to 60° <b>Rotation:</b> 0° to 355°
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB
IR RANGE MAX (METERS)	30	–	30	30
VIDEO COMPRESSION	H.265+, H.264, MJPEG	H.265+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG
MAXIMUM IMAGE RESOLUTION (PIXELS)	4X (2560 x 1920)	4X (2560 x 1920)	2X (2560 x 1920)	2X (3840 x 2160)
MOTION DETECTION	Yes	Yes	Yes	Yes
AUDIO INPUT/OUTPUT	1 Line/1 Line	1 Line/1 Line	1 Line/1 Line 2 Built-In Microphones	1 Line/1 Line 2 Built-In Microphones
ALARM INPUT/OUTPUT	2/2	2/2	1/1	1/1
LOCAL STORAGE	Built-In Micro SD, SDHC, SDXC Slot (Up to 128 GB)	Built-In Micro SD, SDHC, SDXC Slot (Up to 128 GB)	Built-In Micro SD, SDHC, SDXC Slot (Up to 128 GB)	Built-In Micro SD, SDHC, SDXC Slot (Up to 128 GB)
RATINGS	IP67, IK10 UL/cUL Listed	IP67, IK10 UL/cUL Listed	IP67, IK10 UL/cUL Listed	IP67, IK10 UL/cUL Listed
OPERATING TEMPERATURE RANGE	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX)	12V DC± 20%, Reverse Polarity Protection; Three-Core Terminal Block 24V AC ±20%; PoE (802.3af, Class 4) Hi-PoE 22W (PoE Injector Included)	12V DC± 20%, Reverse Polarity Protection; Three-Core Terminal Block 24V AC ±20%; PoE (802.3af, Class 0) Hi-PoE 22W (PoE Injector Included)	12V DC, 0.9A, Max 11W PoE: (802.3af, 36–57V), 0.3 A to 0.2 A, Max 11W	12V DC, 0.9A, Max 11W PoE: (802.3af, 36–57V), 0.3 A to 0.2 A, Max 11W
BRACKETS	WMP-L, WMP-PV, JBPW-L, CMP-S	–	–	–



	INDOOR	OUTDOOR	OUTDOOR	OUTDOOR
<b>MODELS</b>	DS-2PT3326IZ-DE3	DS-2PT5326IZ-DE	DS-2DP3236ZIXS-D/440/T2	DS-2DP1618ZIXS-DE/440/T2
<b>MEGAPIXELS</b>	8 MP (4x 2 MP)	8 MP (4x 2 MP)	32 MP (8x 4 MP)	16 MP (4x 4 MP)
<b>MIN ILLUMINATION (LUX)</b>	<b>Fixed Sensors:</b> Colour: 0.05 @ f/2.0 PTZ: Colour: 0.05 @ f/2.0	<b>Fixed Sensors:</b> Colour: 0.005 @ f/1.6 PTZ: Colour: 0.005 @ f/1.6	Colour: 0.0005 Lux @ f1.6 B/W: 0.0001 Lux @ f/1.6	Colour: 0.0005 Lux @ f1.6 B/W: 0.0001 Lux @ f/1.6
<b>LENS</b>	<b>Fixed:</b> 2 mm PTZ: 2.8–12 mm	<b>Fixed:</b> 4 mm PTZ: 5–50 mm	<b>Panoramic:</b> 5 mm PTZ: 5.6–208 mm	<b>Panoramic:</b> 5 mm PTZ: 5.6–208 mm
<b>HORIZONTAL ANGLE OF VIEW</b>	128.5° x 3 per Fixed Sensor	80.7° x 3 per Fixed Sensor	360°	180°
<b>PAN/TILT/ROTATION</b>	<b>Pan:</b> 0° to 350° <b>Tilt:</b> 0° to 90°	<b>Pan:</b> 0° to 340° <b>Tilt:</b> 0° to 90°	<b>Pan:</b> 360° <b>Tilt:</b> -15° to 90°	<b>Pan:</b> 360° <b>Tilt:</b> -15° to 90°
<b>DAY/NIGHT, BLC, WDR</b>	True, Yes, Digital	True, Yes, Digital	True, Yes, 120 dB	True, Yes, 120 dB
<b>IR RANGE MAX (METERS)</b>	10 m	<b>Fixed:</b> 30 m <b>PTZ:</b> 50 m	250 m	250 m
<b>VIDEO COMPRESSION</b>	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
<b>MAXIMUM IMAGE RESOLUTION (PIXELS)</b>	<b>Fixed:</b> 3x 1920 x 1080 <b>PTZ:</b> 1x 1920 x 1080	<b>Fixed:</b> 3x 1920 x 1080 <b>PTZ:</b> 1x 1920 x 1080	<b>Panoramic:</b> 5520 x 2400 x 2 <b>PTZ:</b> 2560 x 1440	<b>Panoramic:</b> 5520 x 2400 <b>PTZ:</b> 2560 x 1440
<b>MOTION DETECTION</b>	Yes	Yes	Yes	Yes
<b>AUDIO INPUT/OUTPUT</b>	1 Line/1 Line	1 Line/1 Line	1 Line/1 Line	1 Line/1 Line
<b>ALARM INPUT/OUTPUT</b>	–	1/1	7/2	7/2
<b>LOCAL STORAGE</b>	Built-In Memory Card Slot, Support Micro SD, SDHC, SDXC (Up to 256 GB)	Built-In Memory Card Slot, Support Micro SD, SDHC, SDXC (Up to 256 GB)	Built-In Memory Card Slot, Support Micro SD, SDHC, SDXC (Up to 256 GB)	Built-In Memory Card Slot, Support Micro SD, SDHC, SDXC (Up to 256 GB)
<b>RATINGS</b>	UL/cUL Listed	IP66, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP66, IK10, UL/cUL Listed
<b>OPERATING TEMPERATURE RANGE</b>	-10 to 50 °C (14 to 122 °F)	-30 to 65 °C (-22 to 149 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 70 °C (-40 to 158 °F)
<b>POWER REQUIREMENTS (MAX)</b>	12V DC & PoE+ (802.3 at, Class 4) Max 24 W (Max 6 W for IR)	12V DC & PoE+ (802.3 at, Class 4) Max 27 W (Max 9 W for IR)	36V DC, Max 150 W (PSU Included)	36V DC, Max 130 W (PSU Included)
<b>BRACKETS</b>	WMP-PM, CPM-PM	RPM, WMP-L, WMP-PV, PMP, CMP, JBPW-L, CMP-JB, PMP-JB, CPM-S, CPM-L, CPMPE	WMP-PV, RPM	WMP-PV, RPM

# Thermal Cameras



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

## FEATURES

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



Gated Communities



Warehouses



Commercial Buildings



Construction Sites and Yards



Solar Farms



Waste Recycling Facilities



# THERMAL FIXED

High Res



	BULLET		BULLET	
<b>MODELS</b>	<b>DS-2TD2367-50/P</b> <b>DS-2TD2367-75/P</b>		<b>DS-2TD2137-4/PY</b> <b>DS-2TD2137-7/P</b>	
<b>THERMAL PIXELS, PITCH, SENSOR</b>	640 x 512, 17 µm, Vanadium Oxide UFPA		384 x 288, 17µm, Vanadium Oxide UFPA	
<b>SPECTRAL RESPONSE, NETD</b>	8-14 µm, 35 Mk @ 25° C		8-14 µm, < 35 mk (@ 25° C, F#=1.0)	
<b>FRAME RATE @ RESOLUTION</b>	25 fps @(1280 x 720, 704 x 576, 384x 288, 352 x 288) (main and third stream) 25 fps @ (704 x 576, 384x 288, 352 x 288) (sub stream)		25 fps @(1280 x 720, 704 x 576, 384x 288, 352 x 288) (main and third stream) 25 fps @ (704 x 576, 384x 288, 352 x 288) (sub stream)	
<b>LENS FOCAL LENGTH</b>	50 mm	75 mm	4.4 mm	6.5 mm
<b>FIELD OF VIEW (H x V)</b>	12.42°x9.95°	8.30° x 6.64°	90° x 65.3°	60° x 44.1°
<b>IFOV (MRAD), MIN. FOCUS DISTANCE</b>	0.34, 50 m	0.23, 110 m	3.86, 0.3 m	2.62, 0.6 m
<b>VIDEO COMPRESSION</b>	Main Stream: H.265/H.264 Sub-Stream: H.265/H.264/MJPEG Third Stream: H.265/H.264/MJPEG		Main Stream: H.265/H.264 Sub-Stream: H.265/H.264/MJPEG Third Stream: H.265/H.264/MJPEG	
<b>IMAGE ENHANCEMENT</b>	3D DNR, Adaptive AGC, DDE, 15 Palettes		self-adaptive thermal AGC mode, DDE, 3D DNR	
<b>ALARM ON TEMPERATURE</b>	Monitor 10 Points, 10 Regions & 1 Line within -20 to 150 °C, ±8°C Accuracy		Monitor 10 points, 10 regions and 1 line within -20-150 °C, ±8°C accuracy	
<b>ACCURATE FIRE DETECTION</b>	10 Detection Points <sup>2</sup>		10 detection points	
<b>ALARM I/O, AUDIO I/O</b>	2/2, 1/1		2/2, 1/1	
<b>RATINGS</b>	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)	
<b>POWER REQUIREMENTS (MAX)</b>	12 VDC ± 20%, 24VAC±25%, PoE+ (802.3at), Max.5.5W		24 VAC ± 25%, 12 VDC ± 25%, two-core terminal block PoE (802.3af, class 3)	
<b>BRACKETS</b>	-		PM,CM,CB130	

Integration Note: All models on this page 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.



Bi-Spectrum  
Low Res



Bi-Spectrum  
Low Res



Bi-Spectrum  
Low Res



	OUTDOOR TURRET			OUTDOOR BULLET			THERMOGRAPHY TURRET
<b>MODEL</b>	DS-2TD1217-2/PA DS-2TD1217-3/PA DS-2TD1217-6/PA			DS-2TD2617-3/PA DS-2TD2617-6/PA DS-2TD2617-10/PA			DS-2TD1217T-2/PA
<b>THERMAL</b>	160x120, 17 µm, Vanadium Oxide UFPA			160x120, 17 µm, Vanadium Oxide UFPA			160 x 120, 17µm, 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 µm to 14 µm < 40 mK (@25°C,F#=1.0)
<b>FRAME RATE @ RESOLUTION</b>	25 fps @ 320x240 (upscaled)			25 fps @ 320x240 (upscaled)			Main Stream 25 fps (1280 x 720, 704 x 576, 640 x 480, 352 x 288, 320 x 240) Sub-stream 25 fps (704 x 576, 352 x 288, 320 x 240)
<b>LENS FOCAL LENGTH</b>	1.8 mm	3.1 mm	6.2 mm	3.1 mm	6.2 mm	10mm	1.8 mm
<b>FIELD OF VIEW (H x V)</b>	(90.0°x66.4°)	(50.0°x37.2°)	(25.0°x18.7°)	(50.0°x37.2°)	(25.0°x18.7°)	(15.96° x 12°)	90° x 66.4°
<b>IFOV (MRAD), MIN. FOCUS DISTANCE</b>	9.44, 0.1 m	5.48, 0.2 m	2.74, 0.6 m	5.48, 0.2 m	2.74, 0.6 m	1.75, 1.2 m	9.44, 0.1m
<b>OPTICAL</b>	4 MP, 1/2.7" CMOS			4 MP, 1/2.7" CMOS			4 MP, 1/2.7" CMOS
<b>FRAME RATE @ RESOLUTION</b>	60 Hz: 30 fps (2688 x 1520, 1920 x 1080, 1280 x 720)			30 fps (2688 x 1520, 1920 x 1080, 1280 x 720)			Main Stream 30 fps (2688 x 1520, 1920 x 1080, 1280 x 720) Sub-stream 30 fps (704 x 480, 352 x 240, 176 x 120)
<b>MIN ILLUMINATION (LUX)</b>	Colour: 0.0176 @ f/2.25, AGC ON B/W: 0 with IR			Colour: 0.0089 @ f/1.6, AGC ON B/W: 0 with IR			Colour: 0.0176@ f/2.25 B/W: 0.0035 with IR
<b>LENS, FIELD OF VIEW (H x V)</b>	2.1 mm (119.34° x 93.3°)	4 mm (84° x 44.8°)	8 mm (39.42° x 22.14°)	4 mm (84° x 44.8°)	8 mm (39.42° x 22.14°)	8 mm (39.42° x 22.14°)	2 mm (119.34° x 93.3°)
<b>IR RANGE MAX (METERS)</b>	15 m			40 m			15
<b>VIDEO COMPRESSION</b>	Main Stream: H.265/H.264 Sub-Stream: H.265/H.264/MJPEG			Main Stream: H.265/H.264 Sub-Stream: H.265/H.264/MJPEG			Main Stream: H.265/H.264 Sub-Stream: H.265/H.264/MJPEG
<b>IMAGE ENHANCEMENT</b>	Image Fusion, PiP, 120 dB WDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes			Image Fusion, PiP, 120 dB WDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes			Image Fusion, PiP, 120 dB WDR, Adaptive AGC, DDE, 3D DNR
<b>ALARM ON TEMPERATURE</b>	Monitor 10 Points, 10 Regions & 1 Line Within -20 to 150 °C, ±8°C Accuracy			Monitor 10 Points, 10 Regions & 1 Line Within -20 to 150 °C, ±8°C Accuracy			Monitor 10 Points, 10 Regions & 1 Line Within -20 to 150 °C, ±8°C Accuracy
<b>ACCURATE FIRE DETECTION</b>	10 Detection Points <sup>2</sup>			10 Detection Points <sup>2</sup>			10 detection points <sup>2</sup>
<b>ALARM I/O, AUDIO I/O</b>	1/1, 1/1			2/2, 1/1			1/1, 1/1
<b>RATINGS</b>	IP66, UL/cUL Listed			IP66, UL/cUL Listed			IP66, UL/cUL Listed
<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)
<b>POWER REQUIREMENTS (MAX)</b>	12 VDC ± 20%, PoE (802.3af), max. 6.5W			12 VDC ± 20%, PoE (802.3af), max. 8 W			12 VDC ± 20%, PoE (802.3af), max. 6.5W
<b>BRACKETS</b>	CPM+PC140,WML+PC140,PM,CM,CB135			PM,CM,CB130			CPM+PC140,WML+PC140,PM,CM,CB135

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.



# THERMAL-OPTICAL FIXED

Bi-Spectrum  
Medium Res



Bi-Spectrum  
High Res



Bi-Spectrum  
Medium Res



PROFESSIONAL SOLUTIONS

	OUTDOOR BULLET				OUTDOOR BULLET		OUTDOOR BULLET	
MODEL	DS-2TD2637-10/P DS-2TD2637-15/P DS-2TD2637-25/P DS-2TD2637-35/P				DS-2TD2667-15/P DS-2TD2667-35/P		DS-2TD2637T-15/P	
THERMAL	THERMAL PIXELS, PITCH, SENSOR	30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)				640×512, 17 μm, Vanadium Oxide UFPA		384 × 288, 17μm, Vanadium Oxide UFPA
	SPECTRAL RESPONSE, NETD	8 to 14 μm, < 35 mk @ 25 °C				8 to 14 μm, < 35 mk @ 25 °C		8 μm to 14 μm < 35 mK (@25°C,F#=1.0)
	FRAME RATE @ RESOLUTION	Main Stream 25 fps (1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240) Sub Stream 25 fps (704 × 576, 352 × 288, 320 × 240)				Main Stream 50 fps (1280 × 720, 704 × 576, 640 × 512, 352 × 288) Sub-stream 50 fps (704 × 576, 640 × 512, 352 × 288)		Main Stream 25 fps (1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240) Sub-stream 25 fps (704 × 576, 352 × 288, 320 × 240)
	LENS FOCAL LENGTH	9.7 mm	15 mm	25 mm	35 mm	15 mm	35 mm	15 mm
	FIELD OF VIEW (H × V)	37.5° x 28.5°	24.5° x 18.5°	14.9° x 11.2°	10.7° x 8.0°	(42.5° × 33.6°)	(17.67° × 14.18°)	24.5° × 18.5°
	I FOV (MRAD), MIN. FOCUS DISTANCE	1.75, 1.0 m	1.13, 2.5 m	0.68, 25 m	0.49, 30 m	1.13, 2.5m	0.49, 30m	1.13, 2.5 m
	OPTICAL SENSOR	4 MP, 1/2.7" CMOS				4 MP, 1/2.7" CMOS		4 MP, 1/2.7" CMOS
OPTICAL	FRAME RATE @ RESOLUTION	Main Stream 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Sub-stream 30 fps (704 × 480, 352 × 240, 176 × 120)				Main Stream 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Sub-stream 30 fps (704 × 480, 352 × 240, 176 × 120)		Main Stream 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Sub-stream 30 fps (704 × 480, 352 × 240, 176 × 120)
	MIN ILLUMINATION (LUX)	Colour: 0.0089 @ f/1.6, AGC On B/W: 0 with IR				Colour: 0.0089 @ f/1.6, AGC ON B/W: 0 with IR		Colour: 0.0089@ f/1.6 B/W: 0.0018 with IR
	LENS, FIELD OF VIEW (H × V)	4 mm (84° x 44.8°)	6 mm (51.7° x 28°)	12 mm (25.25° x 14.44°)	14 mm (20.59° x 11.73°)	4 mm (84° × 44.8°)	8 mm (39.42° × 22°)	6 mm (51.7° × 28°)
	IR RANGE MAX (METERS)	40 m	50 m	100 m	100 m	4 mm (84° × 44.8°)	8 mm (39.42° × 22°)	40
	VIDEO COMPRESSION	Main Stream: H.265/H.264 Sub-Stream: H.265/H.264/MJPEG				Main Stream: H.265/H.264 Sub-Stream: H.265/H.264/MJPEG		Main Stream: H.265/H.264 Sub-Stream: H.265/H.264/MJPEG
	IMAGE ENHANCEMENT	Image Fusion, PIP, 120 dB WDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes				Image Fusion, PIP, 120dB WDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes		Bi-spectrum Image Fusion, PIP, Target Colouration, 120 dB WDR, self-adaptive thermal AGC mode, DDE, 3D DNR
ALARM ON TEMPERATURE	Monitor 10 Points, 10 Regions & 1 Line Within -20 to 150 °C, ±8°C Accuracy				Monitor 10 points, 10 regions and 1 line within -20-150 °C, ±8°C accuracy		Monitor 10 points, 10 regions and 1 line within -20-550 °C, ±2°C accuracy	
ACCURATE FIRE DETECTION	10 Detection Points <sup>2</sup>				10 Detection Points <sup>2</sup>		10 detection points <sup>2</sup>	
ALARM I/O, AUDIO I/O	2/2, 1/1				1/1, 1/1		2/2, 1/1	
RATINGS	IP66, UL/cUL Listed				IP66, UL/cUL Listed		IP66 UL/cUL Listed	
OPERATING TEMPERATURE RANGE	-40 to 65 °C (-40 to 149 °F)				-40 °C to 60 °C (-40 °F to 140 °F)		-40 °C to 65 °C (-40 °F to 149 °F)	
POWER REQUIREMENTS (MAX)	12V DC, 24V AC, PoE (802.3af), 9.5 W (20 W with De-Icing Heater On)				24 VAC± 25%, 12 VDC± 25%, PoE (802.3af), max. 9.5 W		24 VAC ± 25%, 12 VDC ± 25%, two-core terminal block PoE (802.3af, class 3)	
BRACKETS	PM, CM, CB130				PM, CM, CB130		PM,CM,CB130	

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.



# THERMAL-OPTICAL PTZ

Bi-Spectrum  
High Res



Bi-Spectrum  
Medium Res



		OUTDOOR BULLET	OUTDOOR BULLET
		DS-2TD4137-25/W	DS-2TD4167-50/W
THERMAL	THERMAL PIXELS, PITCH, SENSOR	384 × 288, 17µm, Vanadium Oxide UFPA	640 × 512, 17µm, Vanadium Oxide UFPA
	SPECTRAL RESPONSE, NETD	8 µm to 14 µm < 35 mK (@25°C, F#=1.0)	8 µm to 14 µm < 35 mK (@25°C, F#=1.0)
	FRAME RATE @ RESOLUTION	Main Stream 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 384 × 288) Sub-stream 25 fps (704 × 576, 640 × 480, 384 × 288)	Main Stream 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 384 × 288) Sub-stream 25 fps (704 × 576, 640 × 480, 384 × 288)
	LENS FOCAL LENGTH	25mm	50 mm
	FIELD OF VIEW (H × V)	14.9° × 11.2°	12.4° × 9.9°
	IFOV (MRAD), MIN. FOCUS DISTANCE	0.68, 13 m	0.34, 50 m
	OPTICAL SENSOR	4MP, 1/1.8"CMOS	4MP, 1/1.8"CMOS
OPTICAL	FRAME RATE @ RESOLUTION	Main Stream 30 fps (2688 × 1520, 1920 × 1080, 1280 × 960, 1280 × 720) Sub-stream 30 fps (704 × 576, 352 × 288)	Main Stream 30 fps (2688 × 1520, 1920 × 1080, 1280 × 960, 1280 × 720) Sub-stream 30 fps (704 × 576, 352 × 288)
	MIN ILLUMINATION (LUX) WITHOUT IR	Colour: 0.005 Lux @(F1.3, AGC ON), B/W: 0.001 Lux @ (F1.3, AGC ON)	Colour: 0.005 Lux @(F1.3, AGC ON), B/W: 0.001 Lux @ (F1.3, AGC ON)
	IR RANGE MAX (METERS)	200 m	200 m
	LENS	6-240 mm	6-240 mm
	TOTAL ZOOM	40x	40x
	PAN, TILT RANGE	Pan: 360° Continuous Rotate; Tilt: From -20° to +90° (auto flip)	Pan: 360° Continuous Rotate; Tilt: From -20° to +90° (auto flip)
	MAX. PRESETS, TOURS, PATTERNS	300, 8, 4	300, 8, 4
	VIDEO COMPRESSION	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream: H.265/H.264/MJPEG
	IMAGE ENHANCEMENT	Liner, histogram, and self-adaptive thermal AGC mode, DDE, 3D DNR.	Liner, histogram, and self-adaptive thermal AGC mode, DDE, 3D DNR.
	ALARM ON TEMPERATURE	Monitor 10 points, 10 regions and 1 line within -20-150 °C, ±8°C accuracy	Monitor 10 points, 10 regions and 1 line within -20-150 °C, ±8°C accuracy
	ACCURATE FIRE DETECTION	10 detection points	10 detection points
	ALARM I/O, AUDIO I/O	7/2, 1/1	7/2, 1/1
	RATINGS	IP66	IP66
OPERATING TEMPERATURE RANGE	-40 °C to 65 °C (-40 °F to 149 °F);	-40 °C to 65 °C (-40 °F to 149 °F);	
POWER REQUIREMENTS (MAX.)	24V AC ± 25%: 5 A, max. 60 W Hi-PoE: Max. 60 W	24V AC ± 25%: 5 A, max. 60 W Hi-PoE: Max. 60 W	
BRACKETS	JBPW-L,PMP + WMP-L,WMP-L	JBPW-L,PMP + WMP-L,WMP-L	

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.

- Smart Suite: Refer to Data Sheet. Only available in VCA + TEMPERATURE Alarm mode.
- Fire detection is only available in TEMPERATURE Alarm + Fire Detection mode.





# ELEVATED SKIN TEMPERATURE SCREENING

Bi-Spectrum  
DeepinView  
Short Range



TURRET

Bi-Spectrum  
DeepinView  
Medium Range



BULLET

MODEL		DS-2TD1217B-3/PA	DS-2TD2617B-6/PA
THERMAL	THERMAL PIXELS, PITCH, SENSOR	160 x 120, 17 µm, Vanadium Oxide UFPA	160 x 120, 17 µm, Vanadium Oxide UFPA
	SPECTRAL RESPONSE, NETD	8–14 µm, <40 mk @ 25 °C, f/1.1	8–14 µm, <40 mk @ 25 °C, f/1.1
	FRAME RATE @ RESOLUTION	25 fps @ 320 x 240 (Upscaled)	25 fps @ 320 x 240 (Upscaled)
	LENS FOCAL LENGTH	3.1 mm	6.2 mm
	FIELD OF VIEW (H x V)	50.0° x 37.2°	25.0° x 18.7°
	IFOV (MRAD), MIN FOCUS DISTANCE	5.48, 0.2 m	2.74, 0.6 m
OPTICAL	OPTICAL SENSOR	4 MP, 1/2.7" CMOS	4 MP, 1/2.7" CMOS
	FRAME RATE @ RESOLUTION	30 fps @ 2688 x 1520, 1920 x 1080, 1280 x 720	30 fps @ 2688 x 1520, 1920 x 1080, 1280 x 720
	MIN. ILLUMINATION (LUX)	<b>Colour:</b> 0.0089 @ f/1.6 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.0089 @ f/1.6 <b>B/W:</b> 0 with IR
	LENS, FIELD OF VIEW (H x V)	4 mm @ f/1.6 (84.0° x 44.8°)	8 mm @ f/1.6 (9.4° x 22.1°)
	IR RANGE MAX (METERS)	15 m	40 m
	VIDEO COMPRESSION	H.265, H.264, MJPEG	H.265, H.264, MJPEG
	IMAGE ENHANCEMENT	Image Fusion, PiP, 120 dB WDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes	Image Fusion, PiP, DWDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes
	TEMPERATURE MEASUREMENT RANGE	30–45 °C (86–113 °F)	30–45 °C (86–113 °F)
	TEMPERATURE MEASUREMENT ACCURACY	±0.5°C (0.9°F) Inherent, ±0.3°C (0.5°F) with Blackbody, at 0.8–1.5 m (2.6–4.9 ft)	±0.5°C (0.9°F) Inherent, ±0.3°C (0.5°F) with Blackbody, at 1.5–3.0 m (4.9–9.8 ft)
	TEMPERATURE MEASUREMENTS	10 Points, 10 Regions & 1 Line	10 Points, 10 Regions & 1 Line
FACE MASK DETECTION	Yes	Yes	
ALARM I/O	Strobe Light, Automated Voice Alarm, 1 Input, 1 Output	Strobe Light, Automated Voice Alarm, 2 Input, 2 Output	
AUDIO I/O	1/1	1/1	
RATINGS	IP66, UL/cUL Listed	IP66, UL/cUL Listed	
OPERATING TEMPERATURE RANGE	10–35 °C (50–95 °F)	10–35 °C (50–95 °F)	
POWER REQUIREMENTS (MAX)	12V DC, PoE (802.3af), ≤6.5 W	12V DC, PoE (802.3af), ≤8 W	
BRACKETS	PC140, CPM, WML, PM, CM, CB135, PM1, CM1, DS-2908ZJ, DS-2907ZJ	PM, CM, CB130, DS-2909ZJ, DS-2907ZJ	

# ELEVATED SKIN TEMPERATURE SCREENING

Bi-Spectrum  
DeepinView  
Long Range



BULLET



BLACKBODY CALIBRATION SOURCE

MODEL		DS-2TD2636B-13/P
THERMAL	THERMAL PIXELS, PITCH, SENSOR	384 x 288, 17 μm, Vanadium Oxide UFPA
	SPECTRAL RESPONSE, NETD	8–14 μm, <40 mk @ 25 °C, f/1.0
	FRAME RATE @ RESOLUTION	25 fps @ 384 x 288
	LENS FOCAL LENGTH	13 mm
	FIELD OF VIEW (H x V)	28.8° x 21.6°
	IFOV (MRAD), MIN FOCUS DISTANCE	1.13, 2 m
OPTICAL	OPTICAL SENSOR	4 MP, 1/2.7" CMOS
	FRAME RATE @ RESOLUTION	30 fps @ 2688 x 1520, 1920 x 1080, 1280 x 720
	MIN. ILLUMINATION (LUX)	<b>Colour:</b> 0.0089 @ f/1.6 <b>B/W:</b> 0 with IR
	LENS, FIELD OF VIEW (H x V)	6 mm @ f/1.6 (51.7° x 28.0°)
	IR RANGE MAX (METERS)	50 m
	VIDEO COMPRESSION	H.265, H.264, MJPEG
	IMAGE ENHANCEMENT	Image Fusion, PiP, DWDR, Adaptive AGC, DDE, 3D DNR, 15 Palettes
	TEMPERATURE MEASUREMENT RANGE	30–45 °C (86–113 °F)
	TEMPERATURE MEASUREMENT ACCURACY	±0.5°C (0.9°F) Inherent, ±0.3°C (0.5°F) with Blackbody, at 2.5–7.0 m (8.2–23 ft)
	TEMPERATURE MEASUREMENTS	10 Points, 10 Regions & 1 Line
	FACE MASK DETECTION	Yes
	ALARM I/O	2/2
	AUDIO I/O	1/1
	RATINGS	IP66, UL/cUL Listed
OPERATING TEMPERATURE RANGE	10–35 °C (50–95 °F)	
POWER REQUIREMENTS (MAX)	12V DC, 24V AC, PoE (802.3af), ≤9.5 W	
BRACKETS	PM, CM, CB130, DS-2909ZJ, DS-2907ZJ	

MODEL		DS-2TE127-G4A
TEMPERATURE RANGE		5–50 °C (9–122 °F)
TEMPERATURE RESOLUTION		0.1 °C (0.18 °F)
TEMPERATURE ACCURACY		±0.1 °C (0.18 °F)
TEMPERATURE STABILITY		±0.1 °C/h (0.18 °F/h)
EFFECTIVE EMISSIVITY		0.97 ±0.02
EFFECTIVE RADIATING AREA		70 x 70 mm (2.76 x 2.76")
DIMENSIONS		120 x 176.6 x 119.6 mm (4.72 x 6.95 x 4.71")
WEIGHT		1.85 kg (4.08 lb)
POWER REQUIREMENTS (MAX)		100–240V AC, 20 W
MOUNTING		Tripod Ready (1/4"-20 UNC Thread)
TRIPOD		DS-2907ZJ



# ELEVATED SKIN TEMPERATURE SCREENING

Bi-Spectrum  
Medium Range



HANDHELD



HANDHELD

MODEL	DS-2TP21B-6AVF/W	DS-2TP31B-3AUF
THERMAL PIXELS, PITCH, SENSOR	160 x 120, 17 µm, Vanadium Oxide UFPA	160 x 120, 17 µm, Vanadium Oxide UFPA
SPECTRAL RESPONSE, NETD	8–14 µm, ≤40 mK @ 25 °C, f/1.1	8–14 µm, ≤40 mK @ 25 °C, f/1.0
THERMAL LENS	6.2 mm	3.1 mm
FIELD OF VIEW (H x V)	25.0° x 18.7°	37.2° x 50.0°
IFOV (MRAD)	2.74	5.48
THERMOGRAPHY	<p><b>Measurements:</b> Min., Max., Center &amp; Custom Point, Line, Area</p> <p><b>Measurement Range:</b> 30–45 °C (86–113 °F)</p> <p><b>Accuracy:</b> ±0.5°C (0.9°F) at 1–2 m (3.3–6.6 ft)</p>	<p><b>Measurements:</b> Min., Max., Center &amp; Custom Point, Line, Area</p> <p><b>Measurement Range:</b> 30–45 °C (86–113 °F)</p> <p><b>Accuracy:</b> ±0.5°C (0.9°F) at 1 m (3.3 ft)</p>
TEMPERATURE ALARMS	Audible, Visual Highlight	Temperature Colour Change
OPTICAL CAMERA	8 MP	–
IMAGE ENHANCEMENT	Image Fusion, PiP, 4X Zoom, 7 Palettes	4 Palettes
DISPLAY	640 x 480, 3.5" LCD Touch Display	240 x 320, 2.4" LCD Display
BATTERY	Removeable Li-Ion, Lasts 4–5 Hours	Built-In Li-Ion, Lasts 8 Hours
RECORD VIDEO, SNAPSHOT, TEXT/VOICE	Yes, Yes, Yes	No, Yes, No
LOCAL STORAGE	16 GB Micro SD Included	8 GB Micro SD Included
WI-FI, GPS	Yes, No	No, No
INTERFACE	USB-C, Bluetooth, Wi-Fi	Micro USB
LED, LASER SIGHT	Yes, No	No, Yes
DROP TEST HEIGHT	2 m (6.56 ft)	2 m (6.56 ft)
STANDARDS	IP54	IP54
OPERATING TEMPERATURE RANGE	10–35 °C (50–95 °F)	10–35 °C (50–95 °F)
DIMENSION (L x W x H)	244 x 100 x 104 mm (9.6 x 3.9 x 4.1")	196 x 117 x 59 mm (7.7 x 4.6 x 2.3")
WEIGHT	653 g (1.44 lb)	350 g (0.77 lb)
TRIPOD	DS-2907ZJ	DS-2907ZJ

# Performance & Value IP Cameras



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

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

## FEATURES

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

## APPLICATIONS



Office Buildings, Warehouses and Factories



Parking Lots



Residential



# IP COLORVU

ColorVu  
24/7 Colour  
with White Light



OUTDOOR TURRET

ColorVu  
24/7 Colour  
with White Light



OUTDOOR BULLET

ColorVu  
24/7 Colour  
with White Light



OUTDOOR DOME

ColorVu  
24/7 Colour  
with White Light



OUTDOOR BULLET

MODEL	DS-2CD2347G1-L DS-2CD2347G1-LU	DS-2CD2T27G1-L DS-2CD2T47G1-L DS-2CD2T47G2-L	DS-2CD2147G2-SU	DS-2CD2087G2-L
MEGAPIXELS	2/4 MP	2/4 MP	4MP	8MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	2 MP: 1/2.8" 4 MP: 1/1.8"	2 MP: 1/2.8" 4 MP: 1/1.8"	4 MP: 1/1.8"	8 MP: 1/1.2"
MIN ILLUMINATION (LUX)	2 MP: 0.0035 @ f/1.0 (AGC on) 4 MP: 0.0014 @ f/1.0 (AGC on) B/W: 0 with IR	2 MP: 0.0035 @ f/1.0 4 MP: 0.0014 @ f/1.0 B/W: 0 with IR	4 MP: 0.0005 @ f/1.0, (AGC on) B/W: 0 with IR	8 MP: 0.0005 @ f/1.0 (AGC on) B/W: 0 with IR
LENS	2.8mm, 4mm	2.8mm, 4mm, 6mm	2.8mm, 4mm	2.8mm, 4mm
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 130 dB	True, Yes, 130 dB
WHITE LIGHT RANGE MAX (METERS)	30 m (Adjustable)	30 m (Adjustable)	–	40 m (Adjustable)
VIDEO COMPRESSION	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG
MAX IMAGE RESOLUTION (PIXELS) & FRAME RATE	2 MP: (1920 x 1080) @ 30 fps 4 MP: (2688 x 1520) @ 30 fps	2 MP: (1920 x 1080) @ 30 fps 4 MP: (2688 x 1520) @ 30 fps	4MP: (2688x1520) @ 30fps	8MP: (3840 x 2160) @ 20fps
AUDIO INPUT/OUTPUT	LU: Built-In Mic	–	Built-in Mic	–
ALARM INPUT/OUTPUT	–	–	1/1	–
RATINGS	-L Model: IP67 -LU Model: IP66 UL/cUL Listed	IP67, UL/cUL Listed	IP67. UL/cUL Listed	IP67. UL/cUL Listed
OPERATING TEMPERATURE RANGE	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)
POWER REQUIREMENTS (MAX)	12V DC, PoE (802.3af), 7.5 W	12V DC, PoE (802.3af), 10.5 W	12 VDC, PoE (802.3af), 6.5W	12 VDC, PoE (802.3af), 8.5W
BRACKETS	CPM, PC140, CB140PT, WML, CM, PM	CBS, CB130, CM, PM	PC120, CB120,WMS, CPM	CBS



# PERFORMANCE SERIES



AcuSense  
DarkFighter.

AcuSense  
DarkFighter.

AcuSense  
DarkFighter.

AcuSense  
DarkFighter.



OUTDOOR VF DOME

OUTDOOR VF BULLET

OUTDOOR DOME

OUTDOOR TURRET

MODEL	PCI-D12Z2S PCI-D15Z2S PCI-D18Z2S	PCI-B12Z2S PCI-B15Z2S PCI-B18Z2S	PCI-D15F2S PCI-D15F4S PCI-D15F6S	PCI-T18F2S PCI-T18F4S PCI-T18F6S
MEGAPIXELS	2/5/8 MP	2/5/8 MP	2/5 MP	2/5/8 MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	2 MP: 1/2.8" 5 MP: 1/2.7" 8 MP: 1/1.8"	2 MP: 1/2.8" 5 MP: 1/2.7" 8 MP: 1/1.8"	2 MP: 1/2.8" 5 MP: 1/2.7"	2 MP: 1/2.8" 5 MP: 1/2.7" 8 MP: 1/1.8"
MIN ILLUMINATION (LUX)	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	2MP: 0.002 Lux@f/1.4 5MP: 0.003 Lux @f/1.4 8MP: 0.003 Lux @f/1.6
LENS	2.7mm to 13.5mm	2.7mm to 13.5mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB
IR RANGE MAX (METERS)	40 m	60 m	40 m	40 m
VIDEO COMPRESSION	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG
MAX IMAGE RESOLUTION (PIXELS) & FRAME RATE	2 MP: (1920×1080) @60 fps 5 MP: (2688×1520) @20 fps 8 MP: (3840×2160) @20 fps	2 MP: (1920×1080) @60 fps 5 MP: (2592×1944) @20 fps 8 MP: (3840×2160) @20 fps	2 MP: (1920×1080) @60 fps 5 MP: (2592×1944) @20 fps	2 MP: (1920×1080) @60 fps 5 MP: (2592×1944) @20 fps 8 MP: (3840×2160) @20 fps
AUDIO INPUT/OUTPUT	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line
ALARM INPUT/OUTPUT	1/1	1/1	1/1	1/1
RATINGS	IP67 . UL/cUL Listed	IP67 . UL/cUL Listed	IP67 . UL/cUL Listed	IP67 . UL/cUL Listed
OPERATING TEMPERATURE RANGE	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)
POWER REQUIREMENTS (MAX)	12 VDC, 0.92 A, max. 11 W	12 VDC, 1.08 A, max. 13 W	12 VDC, 0.55A, max. 6.5 W	12 VDC, 0.48A, max. 5.8 W
BRACKETS	PC155, WML, CPM, RCM-5	PM, CM1	PC120, CB120,WMS, CPM	PC140, CB140PT,CPM, WML

PERFORMANCE SOLUTIONS



# PERFORMANCE SERIES

AcuSense  
DarkFighter.



OUTDOOR LONG BULLET

AcuSense  
DarkFighter.



OUTDOOR TURRET

AcuSense  
DarkFighter.



OUTDOOR LONG BULLET



FISHEYE

MODEL	PCI-LB18F2S PCI-LB18F4S PCI-LB18F6S PCI-LB18F12S	PCI-T15F2SL PCI-T15F4SL PCI-T15F6SL	PCI-LB15F2SL PCI-LB15F4SL PCI-LB15F6SL	DS-2CD2935FWD-IS DS-2CD2955FWD-IS
MEGAPIXELS	2/5/8 MP	5 MP	5 MP	3/5 MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	2 MP: 1/2.8" 5 MP: 1/2.7" 8 MP: 1/1.8"	1/2.7"	1/2.7"	3MP: 1/2.8" 5MP: 1/2.5"
MIN ILLUMINATION (LUX)	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	3MP: 0.016 Lux @ f/2.2 5MP: 0.033 Lus @ f/2.2
LENS	2.8mm, 4mm, 6mm, 12mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	1.16mm, 1.05mm
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB
IR RANGE MAX (METERS)	90m	40 m	60 m	8 m
VIDEO COMPRESSION	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG
MAX IMAGE RESOLUTION (PIXELS) & FRAME RATE	2 MP: (1920×1080) @60 fps 5 MP: (2592×1944) @20 fps 8 MP: (3840×2160) @20 fps	(2592×1944) @20 fps	(2592×1944) @20 fps	(2560 × 1920) @30 fps
AUDIO INPUT/OUTPUT	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line
ALARM INPUT/OUTPUT	2/2	1/1	2/2	1/1
RATINGS	IP67 . UL/cUL Listed	IP67 . UL/cUL Listed	IP67. UL/cUL Listed	*IP67. UL/cUL Listed
OPERATING TEMPERATURE RANGE	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-10 to 40 °C (-14 to 104 °F)
POWER REQUIREMENTS (MAX)	12 VDC, 1.05A, max. 13 W	12 VDC, 0.65A, max. 7.8 W	12 VDC, 0.95A, max. 12 W	12 VDC, 0.4A, max. 5 W 12 VDC, 0.5A, max. 6 W
BRACKETS	CB130,PM,CM	PC140, CB140PT, CPM, WML	CB130,PM,CM	WM-C, CBS, ABS, PP1, PP2

PERFORMANCE SOLUTIONS

# VALUE SERIES



**EXIR 2.0**  
Value Series



OUTDOOR MINI BULLET

**EXIR 2.0**  
Value Series



OUTDOOR VARIFOCAL BULLET

**EXIR 2.0**  
Value Series



OUTDOOR MINI DOME

**EXIR 2.0**  
Value Series



OUTDOOR MINI DOME

MODEL	<b>DS-2CD2043G0-I</b> <b>DS-2CD2043G0-IB (Black)</b> <b>DS-2CD2083G0-I</b>	<b>DS-2CD2643G1-IZS</b> <b>DS-2CD2683G1-IZS</b>	<b>DS-2CD2523G0-IS</b> <b>DS-2CD2543G0-IS/ISB</b>	<b>DS-2CD2523G0-IWS</b> <b>DS-2CD2543G0-IWS</b>
MEGAPIXELS	2/4/8 MP	2/4/8 MP	2/4 MP	2/4 MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	<b>2 MP:</b> 1/2.8" <b>4 MP:</b> 1/3" <b>8 MP:</b> 1/2.5"	<b>2 MP:</b> 1/2.8" <b>4 MP:</b> 1/3" <b>8 MP:</b> 1/2.5"	<b>2 MP:</b> 1/2.7" <b>4 MP:</b> 1/3"	<b>2 MP:</b> 1/2.7" <b>4 MP:</b> 1/3"
MIN ILLUMINATION (LUX)	<b>2 MP:</b> 0.028 @ f/2.0, <b>4 MP:</b> 0.018 @ f/1.6, <b>8 MP:</b> 0.028 @ f/2.0	<b>2/4 MP:</b> 0.018 @ f/1.6 <b>B/W:</b> 0 with IR	<b>2 MP:</b> 0.028 @ f/2.0, <b>4 MP:</b> 0.018 @ f/1.6, <b>B/W:</b> 0 with IR	<b>2 MP:</b> 0.028 @ f/2.0, <b>4 MP:</b> 0.018 @ f/1.6, <b>B/W:</b> 0 with IR
LENS (FOV H x V)	<b>2 MP:</b> 2.8 mm, H:103°, V: 59°, 4 mm, H: 86°, V: 46° <b>4 MP:</b> 2.8 mm H 103°, V 58°, 4 mm, H: 83°, V: 45°, <b>8 MP:</b> 2.8 mm H102°, V: 53°, 4 mm, H: 79°, V: 42°	2.8–12 mm @ f/1.4, Motorized, Autofocus <b>2 MP:</b> H: 110° to 31°, V: 58° to 18° <b>4 MP:</b> H 104° to 29°, V: 55° to 17° <b>8 MP:</b> H: 105° to 34.5°, V: 55° to 19°	<b>2 MP:</b> 2.8 mm, H: 114°, V: 62°, 4 mm: H: 86°, V: 46° <b>4 MP:</b> 2.8 mm, H: 98°, V: 55°, 4 mm, H: 78°, V: 42°	<b>2 MP:</b> 2.8 mm, H: 114°, V: 62°, 4 mm, H: 86°, V: 46° <b>4 MP:</b> 2.8 mm, H: 98°, V: 55°, 4 mm, H: 78°, V: 42°
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB
IR RANGE MAX (METERS)	30 m	50 m	30 m	30 m
VIDEO COMPRESSION	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG
MAX IMAGE RESOLUTION (PIXELS)	<b>2 MP:</b> (1920 x 1080), 30 <b>4 MP:</b> (2688 x 1520), 30 <b>8 MP:</b> (3840 x 2160), 15	<b>2 MP:</b> (1920 x 1080), 30 <b>4 MP:</b> (2688 x 1520), 30 <b>8 MP:</b> (3840 x 2160), 15	<b>2 MP:</b> (1920 x 1080), 30 <b>4 MP:</b> (2688 x 1520), 30	<b>2 MP:</b> (1920 x 1080), 30 <b>4 MP:</b> (2688 x 1520), 30
AUDIO INPUT/OUTPUT	–	1 Line/1 Line	Mic & 1 Line/1 Line	Mic & 1 Line/1 Line
ALARM INPUT/OUTPUT	–	1 Line/1 Line	1 Line/1 Line	1 Line/1 Line
RATINGS	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP66, IK8, UL/cUL Listed	IP66, IK8, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-30 to 50 °C (-22 to 122 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)
POWER REQUIREMENTS (MAX)	12V DC, PoE (802.3af), 7.5 W	12V DC, PoE (802.3at), 18 W	12V DC, PoE (802.3af), 10 W	12V DC, PoE (802.3af), 10 W
BRACKETS	CBXS(B)	CBS, CB130, CM, PM	WMS(B), PC120(B), CPM, CM, PM, CBD-MINI(B)	WMS(B), PC120(B), CB120, CPM, CM, PM, CBD-MINI(B)
STANDARDS	Complies with ONVIF (Profile S & G), ASAPI. Contact for factory details.			

VALUE SOLUTIONS



# VALUE SERIES

VALUE SOLUTIONS

**EXIR 2.0**  
Value Series



OUTDOOR DOME

**EXIR 2.0**  
Value Series



OUTDOOR VF DOME

**EXIR 2.0**  
Value Series



OUTDOOR TURRET

MODEL	<b>DS-2CD2123G0-I</b> <b>DS-2CD2143G0-I</b> <b>DS-2CD2143G0-IB</b> (Black) <b>DS-2CD2183G0-I</b> <b>DS-2CD2183G0-IB</b> (Black)	<b>DS-2CD2743G1-IZS</b> <b>DS-2CD2743G1-IZSB</b> (Black) <b>DS-2CD2783G1-IZS</b> <b>DS-2CD2783G1-IZSB</b> (Black)	<b>DS-2CD2343G0-I</b> <b>DS-2CD2343G0-IB</b> (Black) <b>DS-2CD2383G0-I</b> <b>DS-2CD2383G0-IB</b> (Black)
MEGAPIXELS	2/4/8 MP	2/4/8 MP	2/4/8 MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	<b>2 MP:</b> 1/2.8" <b>4 MP:</b> 1/3" <b>8 MP:</b> 1/2.5"	<b>2 MP:</b> 1/2.8" <b>4 MP:</b> 1/3" <b>8 MP:</b> 1/2.5"	<b>2 MP:</b> 1/2.8" <b>4 MP:</b> 1/3" <b>8 MP:</b> 1/2.5"
MIN ILLUMINATION (LUX)	<b>2 MP:</b> 0.028 @ f/2.0, <b>4 MP:</b> 0.018 @ f/1.6, <b>8 MP:</b> 0.028 @ f/2.0, <b>B/W:</b> 0 with IR	<b>2/4 MP:</b> 0.018 @ f/1.6 <b>B/W:</b> 0 with IR	<b>2 MP:</b> 0.028 @ f/2.0, <b>4 MP:</b> 0.018 @ f/1.6, <b>8 MP:</b> 0.028 @ f/2.0, <b>B/W:</b> 0 with IR
LENS (FOV H x V)	<b>2/4 MP:</b> Fixed, 2.8/4 mm <b>8 MP:</b> Fixed, 2.8 mm <b>2 MP:</b> 2.8 mm, H: 114°, V: 62°, 4 mm, H: 86°, V: 46° <b>4 MP:</b> 2.8 mm, H: 103°, V: 58°, 4 mm, H: 83°, V: 45° <b>8 MP:</b> 2.8 mm, H: 102°, V: 53°	2.8–12 mm @ f/1.6, Motorized, Autofocus <b>2 MP:</b> H: 110° to 31°, V: 58° to 18° <b>4 MP:</b> H: 104° to 29°, V: 55° to 17° <b>8 MP:</b> H: 105° to 34.5°, V: 55° to 19°	<b>2/4 MP:</b> Fixed, 2.8/4 mm <b>8 MP:</b> Fixed, 2.8 mm <b>2 MP:</b> 2.8 mm, H: 114°, V: 62°, 4 mm, H: 86°, V: 46° <b>4 MP:</b> 2.8 mm, H: 103°, V: 58°, 4 mm, H: 83°, V: 45° <b>8 MP:</b> 2.8 mm, H: 102°, V: 53°, 4 mm, H: 79°, V: 42°
VIDEO OUT	–	–	–
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, 120 dB
IR RANGE MAX (METERS)	30 m	30 m	30 m
VERTICAL SYNCHRONIZATION	–	–	–
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
MAX IMAGE RESOLUTION (PIXELS)	<b>2 MP:</b> (1920 x 1080), 30 <b>4 MP:</b> (2688 x 1520), 30 <b>8 MP:</b> (3840 x 2160), 15	<b>2 MP:</b> (1920 x 1080), 30 <b>4 MP:</b> (2688 x 1520), 30 <b>8 MP:</b> (3840 x 2160), 15	<b>2 MP:</b> (1920 x 1080), 30 <b>4 MP:</b> (2688 x 1520), 30 <b>8 MP:</b> (3840 x 2160), 15
AUDIO INPUT/OUTPUT	–	1 Line/1 Line	–
ALARM INPUT/OUTPUT	–	1 Line/1 Line	–
RATINGS	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)
POWER REQUIREMENTS (MAX)	<b>2/4 MP:</b> 12V DC, PoE (802.3af), 7.5 W <b>8 MP:</b> 12V DC, PoE (802.3af), 9 W	12V DC, PoE (802.3af), 12 W	<b>2/4 MP:</b> 12V DC, PoE (802.3af), 7.5 W <b>8 MP:</b> 12V DC, PoE (802.3af), 8 W
BRACKETS	CPM, CPME, WMS(B), WML(B), SRS(B), PC110(B), PM, CM, CB110(B), AB110(B), WM110(B)	WML(B), PC155(B), CPM, CM, PM, CB155(B), RCM-DM44	WML(B), PC130T(B), CM, PM, CB130T(B), CBM(B), ABM(B), CPM
STANDARDS	–	–	–

# Value Network PTZ Camera



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

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

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

## FEATURES

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



# VALUE SERIES

# PTZ VALUE

Powered by  
DarkFighter.  
Smart Tracking



Powered by  
DarkFighter.



Powered by  
DarkFighter.



INDOOR/OUTDOOR IR PTZ

INDOOR PTZ

INDOOR/OUTDOOR PTZ

MODEL	DS-2DE4A225IW-DE DS-2DE4A425IW-DE	DS-2DE4225W-DE3	DS-2DE4225W-DE
MEGAPIXELS	2/4 MP	2 MP	2 MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	1/2.8"	1/2.8"	1/2.8"
MIN ILLUMINATION (LUX)	<b>Colour:</b> 0.005 @ f/1.6 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.005 @ F/1.6 AGC ON <b>B/W:</b> 0.001 @ F/1.6 AGC ON	<b>Colour:</b> 0.005 @ F/1.6 AGC ON <b>B/W:</b> 0.001 @ F/1.6 AGC ON
LENS (FOV H x V)	4.8–120 mm, Motorized Zoom, Autofocus	4.8–120 mm, Motorized Zoom, Autofocus	4.8–120 mm, Motorized Zoom, Autofocus
OPTICAL ZOOM (DIGITAL)	25X (16X)	25X (16X)	25X (16X)
PAN RANGE	360° Endless	360°	360° Endless
TILT RANGE	-5° to 90°	0° to 90°	0° to 90° (Auto Flip)
PAN & TILT SPEED (MANUAL)	<b>Pan:</b> 0.1–300°/s <b>Tilt:</b> 0.1–160°/s	<b>Pan:</b> 0.1–160°/s <b>Tilt:</b> 0.1–120°/s	<b>Pan:</b> 0.1–160°/s <b>Tilt:</b> 0.1–120°/s
PAN & TILT SPEED (PRESET)	<b>Pan:</b> 350°/s <b>Tilt:</b> 200°/s	<b>Pan:</b> 160°/s <b>Tilt:</b> 120°/s	<b>Pan:</b> 160°/s <b>Tilt:</b> 120°/s
DAY/NIGHT	True	True	True
IMAGE ENHANCEMENT	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
IR RANGE MAX (METERS)	50 m	–	–
3D POSITIONING	Yes	Yes	Yes
VIDEO COMPRESSION	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264
MAX IMAGE RESOLUTION (PIXELS) & FRAME RATE	<b>2 MP:</b> (1920 x 1080), 60 <b>4 MP:</b> (2560 x 1440), 30	<b>2 MP:</b> (1920 x 1080), 30	<b>2 MP:</b> (1920 x 1080), 30
RATINGS	IP66, UL/cUL Listed	UL/cUL Listed	IP66, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-30 to 65 °C (-22 to 149 °F)	-10 to 50 °C (14 to 122 °F)	-30 to 65 °C (-22 to 149 °F)
POWER REQUIREMENTS (MAX)	12V DC, PoE (802.3at), 23 W	12V DC, PoE+ (802.3at), 18 W	12V DC, Hi-PoE, 18 W
BRACKETS	PC-DE4A, RPM, WML, PM, CM, RCM-DE4A, CPM, CPME, CB-DE4A	Ceiling Recess, Flush Mount Included	RPM, WMP-L, CMP, PMP, JBPW-L, CMP-JB, PMP-JB, CPM-S, CPM-L, CPMPE
STANDARDS	–	–	–

VALUE SOLUTIONS



# PTZ VALUE



Powered by  
**DarkFighter.**



INDOOR/OUTDOOR IR PTZ

**DS-2DE5225IW-AE**

Powered by  
**DarkFighter.**  
Smart Tracking



INDOOR/OUTDOOR PTZ

**DS-2DE5232W-AE**

Powered by  
**DarkFighter.**  
Smart Tracking



INDOOR/OUTDOOR IR PTZ

**DS-2DE7430IW-AE**

MODEL	DS-2DE5225IW-AE	DS-2DE5232W-AE	DS-2DE7430IW-AE
MEGAPIXELS	2 MP	2 MP	4 MP
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	1/2.8"	1/2.8"	1/1.9"
MIN ILLUMINATION (LUX)	<b>Colour:</b> 0.005 @ f/1.6 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.005 @ F/1.6 AGC ON <b>B/W:</b> 0.001 @ F/1.6 AGC ON	<b>Colour:</b> 0.005 @ f/1.6 <b>B/W:</b> 0 with IR
LENS (FOV H x V)	4.8–120 mm, Motorized Zoom, Autofocus	4.8–153 mm, Motorized Zoom, Autofocus	5.9–177 mm, Motorized Zoom, Autofocus
OPTICAL ZOOM (DIGITAL)	25X (16X)	32X (16X)	30X (16X)
PAN RANGE	360° Endless	360° Endless	360° Endless
TILT RANGE	-15° to 90° (Auto Flip)	-5° to 90°	-15° to 90°
PAN & TILT SPEED (MANUAL)	<b>Pan:</b> 0.1–120°/s <b>Tilt:</b> 0.1–80°/s	<b>Pan:</b> 0.1–250°/s <b>Tilt:</b> 0.1–150°/s	<b>Pan:</b> 0.1–160°/s <b>Tilt:</b> 0.1–120°/s
PAN & TILT SPEED (PRESET)	<b>Pan:</b> 120°/s <b>Tilt:</b> 80°/s	<b>Pan:</b> 300°/s <b>Tilt:</b> 200°/s	<b>Pan:</b> 240°/s <b>Tilt:</b> 200°/s
DAY/NIGHT	True	True	True
IMAGE ENHANCEMENT	120 dB WDR, HLC, BLC, 3D DNR, Defog, EIS, Regional Exposure, Regional Focus	120 dB WDR, HLC, BLC, 3D DNR, Defog, EIS, Regional Exposure, Regional Focus	DWDR, AGC, AWB, 3D DNR, HLC, BLC, Defog
IR RANGE MAX (METERS)	150 m	–	150 m
3D POSITIONING	Yes	Yes	Yes
VIDEO COMPRESSION	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264
MAX IMAGE RESOLUTION (PIXELS) & FRAME RATE	<b>2 MP:</b> (1920 x 1080), 30	<b>2 MP:</b> (1920 x 1080), 60	<b>4 MP:</b> (2560 x 1440), 30
RATINGS	IP66, UL/cUL Listed	IP66, IK10, UL/cUL Listed	IP66, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-30 to 65 °C (-22 to 149 °F)	-30 to 65 °C (-22 to 149 °F)	-30 to 65 °C (-22 to 149 °F)
POWER REQUIREMENTS (MAX)	24V AC, Hi-PoE, 30 W	24V AC, Hi-PoE, 22 W	24V AC, Hi-PoE (802.3at), 40 W
BRACKETS	RPM, WMP-L, CMP, PMP, JBPW-L, CMP-JB, PMP-JB, CPM-S, CPM-L, CPMPE	RPM, WMP-L, CMP, PMP, JBPW-L, CMP-JB, PMP-JB, CPM-S, CPM-L, CPMPE	RPM, WMP-L, CMP, PMP, JBPW-L, CMP-JB, PMP-JB, CPM-S, CPM-L, CPMPE

VALUE SOLUTIONS

# Network Video Recorders



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

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

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

## FEATURES

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

## APPLICATIONS



Residential



Commercial



Industrial



DeepinMind



	I SERIES	SUPER NVR	SUPER NVR	DEEPINMIND NVR
<b>MODEL</b>	DS-9616NI-I8 DS-9632NI-I8 DS-9664NI-I8	DS-96064NI-I16	DS-96128NI-I24/H DS-96256NI-I24/H	iDS-9632NXI-I8/X(B)
<b>MAX RECORDING RESOLUTION</b>	12 MP	12 MP	12 MP	12 MP
<b>VIDEO COMPRESSION</b>	H.264, H264+, H.265, H.265+, MPEG4	H.265, H.265+, H.264, H.264+, MPEG4, (MJPEG for Hikvision IP Camera Only)	H.265, H.265+, H.264, H.264+, MPEG4, (MJPEG for Hikvision IP Camera Only)	H.264, H264+, H.265, H.265+, MPEG4
<b>HDMI/VGA OUTPUT</b>	3840 x 2160/2560 x 1440 (HDMI1/VGA1 Synchronous) 1920 x 1080/1920 x 1080 (HDMI2/VGA2 Synchronous) HDMI1/HDMI2 Independent	2x HDMI 4K (4096 x 2160)/ 4K (3840 x 2160) and 1x VGA at 1920 x 1080 Resolution HDMI1 and HDMI2 are Independent	2x HDMI 4K (4096 x 2160)/ 4K (3840 x 2160) and 1x VGA at 1920 x 1080 Resolution VGA/LCD Synchronous HDMI1 and HDMI2 are Independent	3840 x 2160/2560 x 1440 (HDMI1/VGA1 Synchronous) 1920 x 1080/1920 x 1080 (HDMI2/VGA2 Synchronous) HDMI1/HDMI2 Independent
<b>IP VIDEO INPUTS</b>	16, 32, 64	64	128, 256	32
<b>ALARM INPUT/OUTPUT</b>	16/4	16/8	16/8	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	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID0, RAID1, RAID5, RAID6, RAID10
<b>INTERNAL SATA</b>	8 SATA Interfaces (Up to 10 TB Each)	16 SATA Interfaces (Up to 10 TB Each)	24 SATA Interfaces, Hot-Swap (Up to 10 TB Each)	8 SATA Interfaces (Up to 10 TB Each)
<b>MAX INTERNAL STORAGE</b>	80 TB	160 TB	240 TB	80 TB
<b>MAX INCOMING BANDWIDTH (Mbps)</b>	DS-9616NI-I8: 256 Mbps DS-9632NI-I8: 320 Mbps DS-9664NI-I8: 320 Mbps All (200 Mbps with RAID)	512 Mbps (512 Mbps with RAID)	768 Mbps	256 Mbps
<b>MAX OUTGOING BANDWIDTH (Mbps)</b>	256 Mbps (200 Mbps with RAID)	512 Mbps (400 with RAID)	128 Ch: 512 Mbps 256 Ch: 768 Mbps	256 Mbps
<b>RATINGS</b>	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
<b>RACK UNITS</b>	2	3	4	2
<b>POWER REQUIREMENTS</b>	100–240V AC, 50–60 Hz	100–240V AC, 50–60 Hz	100–240V AC, 50–60 Hz	100–240V AC, 50–60 Hz
<b>POWER CONSUMPTION</b>	≤30 W without HDD or DVD-R/W	≤140 W without HDD or DVD-R/W	≤140 W without HDD or DVD-R/W	≤70 W without HDD or DVD-R/W



## VALUE & PERFORMANCE NVRs

# New Interface, New Experience.

New E-UI of Hikvision NVRs



### PLUG & PLAY

MODEL	DS-7604NI-Q1/4P DS-7608NI-Q2/8P DS-7616NI-Q2/16P
MAX RECORDING RESOLUTION	8 MP
VIDEO COMPRESSION	H.265, H.265+, H.264, H.264+, MPEG4
HDMI/VGA OUTPUT	HDMI: 4K (3840 x 2160)/1920 x 1080 Independent Output (Except 4-Ch)
IP VIDEO INPUT	4/8/16-Ch IPC with Integrated 4/8/16-Port 802.3af/at PoE Switch
AUDIO INPUT/OUTPUT	1 Line/1 Line
ALARM INPUT/OUTPUT	4-Ch/1-Ch
INTERNAL SATA	1 (4-Ch)/2 (8/16-Ch) SATA Interface (Up to 6 TB Each)
MAX INTERNAL STORAGE	6 TB (4-Ch), 10 TB (8/16-Ch)
MAX INCOMING BANDWIDTH (Mbps)	4-Ch: 40 Mbps 8-Ch: 80 Mbps 16-Ch: 160 Mbps
MAX OUTGOING BANDWIDTH (Mbps)	80 Mbps
MAX REMOTE CONNECTIONS	4-Ch: 16 8/16-Ch: 64
RACK UNITS	1
RATINGS	UL/cUL Listed
POE BUDGET	50 W (4-Ch), 80 W (8-Ch), 150 W (16-Ch)
POWER REQUIREMENTS	48V DC (4-Ch), 100-240V AC (8/16-Ch), ≤10 W without HDD

# VALUE & PERFORMANCE NVRs



	PLUG & PLAY	PLUG & PLAY
<b>MODEL</b>	<b>DS-7608NI-I2/8P</b> <b>DS-7616NI-I2/16P</b>	<b>DS-7716NI-I4/16P</b>
<b>MAX RECORDING RESOLUTION</b>	12 MP	12 MP
<b>VIDEO COMPRESSION</b>	H.265, H.265+, H.264, H.264+, MPEG4	H.265, H.265+, H.264, H.264+, MPEG4
<b>HDMI/VGA OUTPUT</b>	<b>HDMI:</b> 3840 x 2160/1920 x 1080 <b>VGA:</b> 1920 x 1080/1920 x 1080 Independent Output	<b>2x HDMI:</b> 3840 x 2160/1920 x 1080 <b>VGA:</b> 2560 x 1440 (1x CVBS Output)
<b>IP VIDEO INPUT</b>	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
<b>AUDIO INPUT/OUTPUT</b>	1 Line/1 Line	1 Line/1 Line
<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>	<b>8-Ch:</b> 80 Mbps <b>16-Ch:</b> 160 Mbps	160 Mbps
<b>MAX OUTGOING BANDWIDTH (Mbps)</b>	256 Mbps	256 Mbps
<b>MAX REMOTE CONNECTIONS</b>	<b>8-Ch:</b> 32 <b>16-Ch:</b> 128	128
<b>RACK UNITS</b>	1	1.5
<b>RATINGS</b>	UL/cUL Listed	UL/cUL Listed
<b>POE BUDGET</b>	120 W (8-Ch), 280 W (16-Ch)	200 W
<b>POWER REQUIREMENTS</b>	100–240V AC, ≤15 W without HDD	100–240V AC, ≤20 W without HDD

PERFORMANCE SOLUTIONS



# VALUE & PERFORMANCE NVRs



### PLUG & PLAY

<b>MODEL</b>	<b>DS-7732NI-I4</b> <b>DS-7732NI-I4/16P</b> <b>DS-7732NI-I4/24P</b>
<b>MAX RECORDING RESOLUTION</b>	12 MP
<b>VIDEO COMPRESSION</b>	H.265, H.265+, H.264, H.264+, MPEG4
<b>HDMI/VGA OUTPUT</b>	<b>HDMI:</b> 3840 x 2160/1920 x 1080, <b>VGA:</b> 2560 x 1440 Independent Output (B & 24P Models Include 2x HDMI, 1x CVBS Output)
<b>IP VIDEO INPUT</b>	32-Ch without PoE 16/32-Ch IPC with Integrated 16/24-Port 802.3af/at PoE Switch
<b>AUDIO INPUT/OUTPUT</b>	1 Line/1 Line
<b>ALARM INPUT/OUTPUT</b>	16-Ch/4-Ch
<b>INTERNAL SATA</b>	4 SATA Interfaces (Up to 10 TB Each)
<b>MAX INTERNAL STORAGE</b>	40 TB
<b>MAX INCOMING BANDWIDTH (Mbps)</b>	<b>I4, 16P:</b> 256 Mbps <b>24P:</b> 320 Mbps
<b>MAX OUTGOING BANDWIDTH (Mbps)</b>	256 Mbps
<b>MAX REMOTE CONNECTIONS</b>	128
<b>RACK UNITS</b>	1.5
<b>RATINGS</b>	UL/cUL Listed
<b>POE BUDGET</b>	0 (I4), 200 W (16P), 210 W (24P)
<b>POWER REQUIREMENTS</b>	100–240V AC, ≤20 W without HDD

PERFORMANCE SOLUTIONS



# Value Express IP Kits



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

## FEATURES

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

## Wi-Fi IP Kits

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

## FEATURES

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



# VALUE EXPRESS IP KITS



	TURRET	TURRET	TURRET	DOME	DOME
MODEL	EKI-K41T44	EKI-K82T46	EKI-K164T412	EKI-K41D44	EKI-K82D46
NUMBER OF KIT CAMERAS	4	6	12	4	6
CAMERA SPECIFICATION	ECI-T24F2	ECI-T24F2	ECI-T24F2	ECI-D24F2	ECI-D24F2
MEGAPIXELS	4 MP	4 MP	4 MP	4 MP	4 MP
MIN ILLUMINATION (LUX)	<b>Colour:</b> 0.028 @ f/2.0 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.028 @ f/2.0 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.028 @ f/2.0 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.018 lux @ f/1.6 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.018 lux @ f/1.6 <b>B/W:</b> 0 with IR
LENS	Fixed, 2.8 mm @ f/2.0	Fixed, 2.8 mm @ f/2.0	Fixed, 2.8 mm @ f/2.0	Fixed, 2.8 mm @ f/1.6	Fixed, 2.8 mm @ f/1.6
DAY/NIGHT	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
BLC/WDR	Yes/Digital	Yes/Digital	Yes/Digital	Yes/120 dB	Yes/120 dB
IR RANGE MAX (METERS)	30 m	30 m	30 m	30 m	30 m
VIDEO COMPRESSION	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG
MAX IMAGE RESOLUTION (PIXELS)	2560 x 1440, 20	2560 x 1440, 20	2560 x 1440, 20	2560 x 1440, 20	2560 x 1440, 20
MOTION DETECTION	Yes	Yes	Yes	Yes	Yes
RATINGS	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-30 to 50 °C (-22 to 122 °F)	-30 to 50 °C (-22 to 122 °F)	-30 to 50 °C (-22 to 122 °F)	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)
POWER REQUIREMENTS (MAX)	12V DC, PoE (802.3af), 6.5 W	12V DC, PoE (802.3af), 6.5 W	12V DC, PoE (802.3af), 6.5 W	12V DC, PoE (802.3af), 7.5 W	12V DC, PoE (802.3af), 7.5 W
BRACKET	WML, PC130T, CM, PM, CB130T, CBM, ABM, CPM	WML, PC130T, CM, PM, CB130T, CBM, ABM, CPM	WML, PC130T, CM, PM, CB130T, CBM, ABM, CPM	CPM, CPME, CM, PM, WMS, WML, SRS, PC110, CB110, AB110, WM110	CPM, CPME, WMS, WML, SRS, PC110, CB110, AB110, WM110
NVR SPECIFICATION	ERI-K104-P4	ERI-K108-P8	ERI-K216-P16	ERI-K104-P4	ERI-K108-P8
MAX RECORDING RESOLUTION	8 MP	8 MP	8 MP	8 MP	8 MP
HDMI/VGA OUTPUT	1920 x 1080/1920 x 1080, Synchronized Output	1920 x 1080/1920 x 1080, Synchronized Output	1920 x 1080/1920 x 1080, Synchronized Output	1920 x 1080/1920 x 1080, Synchronized Output	1920 x 1080/1920 x 1080, Synchronized Output
IP VIDEO INPUT	4-Ch IPC with Integrated 4-Port 802.3af/at PoE Switch	8-Ch IPC with Integrated 4-Port 802.3af/at PoE Switch	16-Ch IPC with Integrated 4-Port 802.3af/at PoE Switch	4-Ch IPC with Integrated 4-Port 802.3af/at PoE Switch	8-Ch IPC with Integrated 4-Port 802.3af/at PoE Switch
INTERNAL HDD	1 TB	2 TB	4 TB	1 TB	2 TB
MAX INTERNAL STORAGE	6 TB	6 TB	6 TB	6 TB	6 TB
MAX INCOMING BANDWIDTH (Mbps)	40 Mbps	80 Mbps	160 Mbps	40 Mbps	80 Mbps
MAX OUTGOING BANDWIDTH (Mbps)	80 Mbps	80 Mbps	80 Mbps	80 Mbps	80 Mbps
MAX REMOTE CONNECTIONS	128	128	128	128	128
RACK UNITS	1	1	1	1	1
RATINGS	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
POE BUDGET	50 W	80 W	150 W	50 W	80 W
POWER REQUIREMENTS	48V DC, ≤10 W without HDD	48V DC, ≤10 W without HDD	48V DC, ≤15 W without HDD	48V DC, ≤10 W without HDD	48V DC, ≤10 W without HDD

# VALUE EXPRESS IP KITS



Wi-Fi



	DOME	BULLET	BULLET
MODEL	EKI-K164D412	EKI-K82B86	EKI-K41B44W
NUMBER OF KIT CAMERAS	12	6	4
CAMERA SPECIFICATION	ECI-D24F2	ECI-B28F2	DS-2CV1041G1-IDW
MEGAPIXELS	4 MP	8 MP	4 MP
MIN ILLUMINATION (LUX)	<b>Colour:</b> 0.018 Lux @ f/1.6 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.01 Lux @ f/2.0 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.018 Lux @ f/1.6 <b>B/W:</b> 0 with IR
LENS	Fixed, 2.8 mm @ f/1.6	Fixed, 2.8 mm @ f/2.0	Fixed, 2.8 mm @ f/1.6
DAY/NIGHT	IR Cut Filter	IR Cut Filter	IR Cut Filter
BLC/WDR	Yes, 120 dB	Yes, Digital	Yes, Digital
IR RANGE MAX (METERS)	30 m	30 m	30 m
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
MAX IMAGE RESOLUTION (PIXELS)	2560 x 1440, 20	3840 x 2160, 15	2560 x 1440, 20
MOTION DETECTION	Yes	Yes	Yes
AUDIO INPUT/OUTPUT	–	–	Build-in Mic
RATINGS	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP66, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-30 to 60 °C (-22 to 140 °F)	-30 to 60 °C (-22 to 140 °F)	IP67, UL/cUL Listed
POWER REQUIREMENTS (MAX)	12V DC, PoE (802.3af), 7.5 W	12V DC, PoE (802.3af), 7.5 W	12V DC, 6 W
BRACKET	CPM, CPME, CM, PM, WMS, WML, SRS, PC110, CB110, AB110, WM110	CBXS	CBXS
NVR SPECIFICATION	ERI-K216-P16	ERI-K108-P8	DS-7104NI-K1/W/M
MAX RECORDING RESOLUTION	8 MP	8 MP	4MP
HDMI/VGA OUTPUT	1920 x 1080/1920 x 1080 Synchronized Output	1920 x 1080/1920 x 1080 Synchronized Output	1920 x 1080/1920 x 1080 Synchronized Output
IP VIDEO INPUT	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
INTERNAL HDD	4 TB	2 TB	1 TB
MAX INTERNAL STORAGE	6 TB	6 TB	6 TB
MAX INCOMING BANDWIDTH (Mbps)	160 Mbps	80 Mbps	50 Mbps
MAX OUTGOING BANDWIDTH (Mbps)	80 Mbps	80 Mbps	40 Mbps
MAX REMOTE CONNECTIONS	128	128	16
RACK UNITS	1	1	1
RATINGS	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
POE BUDGET	150 W	80 W	–
POWER REQUIREMENTS	48V DC, ≤15 W without HDD	48V DC, ≤10 W without HDD	12V DC, ≤12 W without HDD

VALUE EXPRESS SOLUTIONS

# TurboHD™ Kits



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

## FEATURES

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

# TurboHD™ ANALOG CAMERAS



ColorVu  
1080p  
24/7 Colour, White Light

ColorVu  
1080p  
24/7 Colour, White Light



OUTDOOR BULLET

OUTDOOR TURRET

MODEL	DS-2CE12DFT-F DS-2CE12DFT-F28	DS-2CE72DFT-F DS-2CE72DFT-F28
MEGAPIXELS	2 MP	2 MP
VIDEO OUT	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS
HD-TVI RESOLUTION	1920 x 1080	1920 x 1080
CVBS RESOLUTION	960H	960H
SENSOR SIZE	2 MP CMOS	2 MP CMOS
MIN ILLUMINATION (LUX)	0.0005 @ f/1.0 B/W: 0 with IR	0.0005 @ f/1.0 B/W: 0 with IR
LENS (FOV H x V)	Fixed 2.8 (F28), 3.6, 6 mm	Fixed 2.8 (F28), 3.6, 6 mm
DAY/NIGHT, BLC, WDR	24/7 Colour, Yes, 130 dB	24/7 Colour, Yes, 130 dB
IR RANGE MAX (METERS)	White Light Distance Up to 40 m	White Light Distance Up to 20 m
OSD MENU VIA UP-THE-COAX (UTC)	Yes	Yes
RATINGS	IP67, UL/cUL Listed	IP67, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX)	12V DC ±25%, 4.2 W	12V DC ±25%, 3 W
BRACKETS	CBXS	PC110T, CBS, ABS, PM, CM



TurboHD™ SOLUTIONS



# TurboHD™ ANALOG CAMERAS

ColorVu

ColorVu



OUTDOOR BULLET

OUTDOOR TURRET

MODEL	DS-2CE12HFT-F DS-2CE12HFT-F28	DS-2CE72HFT-F DS-2CE72HFT-F28
MEGAPIXELS	5 MP	5 MP
VIDEO OUT	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS
HD-TVI RESOLUTION	2560 x 1944	2560 x 1944
CVBS RESOLUTION	960H	960H
SENSOR SIZE	5 MP CMOS	5 MP CMOS
MIN ILLUMINATION (LUX)	0.0005 @ f/1.0 B/W: 0 with IR	0.0005 @ f/1.0 B/W: 0 with IR
LENS (FOV H x V)	Fixed 2.8 (F28), 3.6, 6 mm	Fixed 2.8 (F28), 3.6, 6 mm
DAY/NIGHT, BLC, WDR	24/7 Colour, Yes, ≥130 Db	24/7 Colour, Yes, ≥130 Db
IR RANGE MAX (METERS)	White Light Distance Up to 40 m	White Light Distance Up to 20 m
OSD MENU VIA UP-THE-COAX (UTC)	Yes	Yes
RATINGS	IP67, UL/cUL Listed	IP67, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX)	12V DC ±25%, 4.9 W	12V DC ±25%, 3.5 W
BRACKETS	CBXS	PC110T, CBS, ABS, PM, CM

# TurboHD™ BOX CAM



VALUE – INDOOR BOX  
(LENS NOT INCLUDED)

MODEL	DS-2CC12D8T-AMM
MEGAPIXELS	2 MP
VIDEO OUT	HD-TVI, CVBS (Selectable)
HD-TVI RESOLUTION	1920 x 1080
CVBS RESOLUTION	960H
SENSOR SIZE	2 MP CMOS
MIN ILLUMINATION (LUX)	Colour: 0.005 @ f/1.2 B/W: 0 with IR
LENS	C/CS Mount
DAY/NIGHT, BLC, WDR	Auto, Colour, BW (Black & White), Yes, 120 dB
IR RANGE MAX (METERS)	–
OSD MENU VIA UP-THE-COAX (UTC)	Yes
RATINGS	UL/cUL Listed
OPERATING TEMPERATURE RANGE	-30 to 60 °C (-22 to 140 °F)
POWER REQUIREMENTS (MAX)	12V DC ±25%, 24V AC ±25%, 3 W

# TurboHD™ BULLET CAMS



EXIR 2.0

EXIR 2.0

EXIR 2.0



OUTDOOR BULLET

OUTDOOR BULLET

OUTDOOR BULLET

MODEL	DS-2CE16D3T-ITF	DS-2CE16D3T-I3F	DS-2CE17H0T-IT3F
MEGAPIXELS	2 MP	2 MP	5 MP
VIDEO OUT	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS
HD-TVI RESOLUTION	1920 x 1080	1920 x 1080	2560 x 1944
CVBS RESOLUTION	700 TVL	700 TVL	960H
SENSOR SIZE	2 MP CMOS	2 MP CMOS	5 MP CMOS
MIN ILLUMINATION (LUX)	<b>Colour:</b> 0.005 @ f/1.2 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.005 @ f/1.2 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.01 @ f/1.2 <b>B/W:</b> 0 with IR
LENS (FOV H x V)	2.8 mm, H: 106° 3.6 mm, H: 82° 6 mm, H: 51°	2.8 mm, H: 106° 3.6 mm, H: 82° 6 mm, H: 51°	2.8 mm, H: 85.5° 3.6 mm, H: 80.1° 6 mm, H: 57.1°
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB	True, Yes, 120 dB	True, Yes, Digital
IR RANGE MAX (METERS)	30 m	30 m	40 m
OSD MENU VIA UP-THE-COAX (UTC)	Yes	Yes	Yes
RATINGS	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX)	12V DC ±25%, 4.6 W	12V DC ±25%, 4.7 W	12V DC ±25%, 4.3 W
BRACKETS	CBXS	CBXS	CBXS

TurboHD™ SOLUTIONS





# TurboHD™ BULLET CAMS

EXIR 2.0

EXIR 2.0

EXIR 2.0



OUTDOOR BULLET

OUTDOOR VF BULLET

OUTDOOR VF BULLET

MODEL	DS-2CE16D3T-IT3F	DS-2CE16H0T-AIT3ZF	DS-2CE19D3T-AIT3ZF
MEGAPIXELS	2 MP	5 MP	2 MP
VIDEO OUT	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS
HD-TVI RESOLUTION	1920 x 1080	2560 x 1944	1920 x 1080
CVBS RESOLUTION	700TVL	960H	700 TVL
SENSOR SIZE	2 MP CMOS	5 MP CMOS	2 MP CMOS
MIN ILLUMINATION (LUX)	<b>Colour:</b> 0.005 @ f/1.2 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.01 @ f/1.2 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.005 @ f/1.2 <b>B/W:</b> 0 with IR
LENS (FOV H X V)	2.8 mm, H: 106° 3.6 mm, H: 82° 6 mm, H: 51° 8 mm, H: 39° 12 mm, H: 24°	2.7–13.5 mm Motorized Vari-Focal Lens, H: 95.7° to 29.1°	2.7–13.5 mm Motorized Vari-Focal Lens, H: 102° to 31°
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB	True, Yes, Digital	True/Yes/120 dB
IR RANGE MAX (METERS)	50 m	40 m	70 m
OSD MENU VIA UP-THE-COAX (UTC)	Yes	Yes	Yes
RATINGS	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX)	12V DC ±25%, 5.6 W	12V DC ±15%, 24V AC ±15%, 8.9 W	24V AC ±15%, 12V DC ±20%, 9.7 W
BRACKETS	CBXS	CBS, PM, CM	CBS, PM, CM

# TurboHD™ DOME CAMS



EXIR 2.0

EXIR 2.0

EXIR 2.0

EXIR 2.0



OUTDOOR DOME



INDOOR VF DOME



OUTDOOR VF DOME



OUTDOOR VF DOME

MODEL	DS-2CE56H0T-VPITFB (Black)	DS-2CE57H0T-VPITF	DS-2CE57D3T-VPITF DS-2CE57D3T-VPITFB (Black)	DS-2CE56H0T-AITZF
MEGAPIXELS	5 MP	5 MP	2 MP	5 MP
VIDEO OUT	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS
HD-TVI RESOLUTION	2560 x 1944	2560 x 1944	1920 x 1080	2560 x 1944
CVBS RESOLUTION	960 H	960 H	700 TVL	960 H
SENSOR SIZE	5 MP CMOS	5 MP CMOS	2 MP CMOS	5 MP CMOS
MIN ILLUMINATION (LUX)	<b>Colour:</b> 0.01 @ f/1.2 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.01 @ f/1.2 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.005 @ f/1.2 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.01 @ f/1.2 <b>B/W:</b> 0 with IR
LENS (FOV H x V)	2.8 mm, H: 85.5° 3.6 mm, H: 80.1° 6 mm, H: 57.1	2.8 mm, H: 85.5° 3.6 mm, H: 80.1° 6 mm, H: 57.1	2.8 mm, H: 106° 3.6 mm, H: 82° 6 mm, H: 51°	2.7–13.5 mm Motorized Vari-Focal Lens, H: 95.7° to 29.1°
DAY/NIGHT, BLC, WDR	True, Yes, Digital	True/Yes/Digital	True/Yes/120 dB	True/Yes/Digital
IR RANGE MAX (METERS)	Up to 20 m	Up to 20 m	30 m	Up to 40 m
OSD MENU VIA UP-THE-COAX (UTC)	Yes	Yes	Yes	Yes
RATINGS	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX)	12V DC ±25%, 4.3 W	12V DC ±25%, 4.3 W	12V DC ±25%, 4.6 W	12V DC ±15%, 24V AC ±15%, 6.0 W
BRACKETS	AB110B, PC110B+WMSB, PM, CM, CB110B, WM110B	AB110B, PC110B+WMSB, PM, CM, CB110B, WM110B	AB110(B), PC110(B)+WMSB, PM, CM, CB110(B), WM110(B), SRSM, SRS(B), PC110+CPM	CPM+PC130, WML+PC130, RCM-3, PM, CM, SRSL.SRS

TurboHD™ SOLUTIONS



# TurboHD™ DOME CAMS

EXIR 2.0



OUTDOOR VF DOME

EXIR 2.0



OUTDOOR VF DOME

EXIR 2.0 (PoC)



OUTDOOR VF DOME

EXIR 2.0



OUTDOOR VF DOME

MODEL	DS-2CE56H0T-AVPIT3ZF DS-2CE56H0T-AVPIT3ZFB (Black)	DS-2CE5AD3T-AVPIT3ZF DS-2CE5AD3T-AVPIT3ZFB (Black)	DS-2CC52D9T-AVPIT3ZE	DS-2CE56D5T-AVPIR3ZH
MEGAPIXELS	5 MP	2 MP	2 MP	2 MP
VIDEO OUT	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS	HD-TVI, CVBS (Dual)	HD-TVI, CVBS (Dual)
HD-TVI RESOLUTION	2560 x 1944	1920 x 1080	1920 x 1080	1920 x 1080
CVBS RESOLUTION	960 H	700 TVL	720 x 576	600 TVL
SENSOR SIZE	5 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS
MIN ILLUMINATION (LUX)	<b>Colour:</b> 0.01 @ f/1.2 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.005 @ f/1.2 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.003 @ f/1.2, <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.014 @ f/1.4 <b>B/W:</b> 0 with IR
LENS (FOV H x V)	2.7–13.5 mm Motorized Vari-Focal Lens, H: 95.7° to 29.1°	2.7–13.5 mm Motorized Vari-Focal Lens, H: 102° to 31°	2.8–12 mm Motorized Vari-Focal Lens, H: 98° to 32.1°	2.8–12 mm Motorized Vari-Focal Lens, H: 103°–32.1°
DAY/NIGHT, BLC, WDR	True, Yes, Digital	True/Yes/120 dB	True/Yes/120 dB	True/Yes/120 dB
IR RANGE MAX (METERS)	Up to 40 m	70 m	40 m	40 m
OSD MENU VIA UP-THE-COAX (UTC)	Yes	Yes	Yes	Yes
RATINGS	IP67, IK10, UL/cUL Listed	IP67,IK10, UL/cUL Listed	IP67, IK10, UL/cUL Listed	IP67,IK10 UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX)	12V DC ±15%, 24V AC ±15%, 6.0 W	24V AC ±15%, 12V DC ±20%, 9.7 W	24V AC/12V DC ±30%/PoC.at, 6 W	24V AC, 9 W
BRACKETS	WML+PC140, CPM+PC140, RCM-2, ABL, PM, CM.SRSL, SRS	WML(B)+PC140(B), CPM+PC140, PM, CM, CB140-DM45, SRSL	WML+PC140, CPM+PC140, RCM-2, ABL, PM, CM.SRSL, SRS	WML+PC140, CM, PM, CPM+PC140, RCM-2

# TurboHD™ TURRET CAMS



EXIR 2.0



OUTDOOR TURRET

DS-2CE76H0T-ITMF

EXIR 2.0



OUTDOOR TURRET

DS-2CE76D3T-ITMF

EXIR 2.0



OUTDOOR TURRET

DS-2CE56H0T-IT3F

EXIR 2.0



OUTDOOR TURRET

DS-2CE78H0T-IT3F

MODEL	DS-2CE76H0T-ITMF	DS-2CE76D3T-ITMF	DS-2CE56H0T-IT3F	DS-2CE78H0T-IT3F
MEGAPIXELS	5 MP	2 MP	5 MP	5 MP
VIDEO OUT	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS
HD-TVI RESOLUTION	2560 x 1944	1920 x 1080	2560 x 1944	2560 x 1944
CVBS RESOLUTION	960 H	700 TVL	960 H	960 H
SENSOR SIZE	5 MP CMOS	2 MP CMOS	5 MP CMOS	5 MP CMOS
MIN ILLUMINATION (LUX)	Colour: 0.01 @ f/1.2 B/W: 0 with IR	Colour: 0.005 @ f/1.2 B/W: 0 with IR	Colour: 0.01 @ f/1.2 B/W: 0 with IR	Colour: 0.01 @ f/1.2 B/W: 0 with IR
LENS (FOV H x V)	Fixed 2.8, 3.6, 6 mm	Fixed 2.8, 3.6, 6 mm	Fixed 2.8, 3.6, 6, 8, 12 mm	Fixed 2.8, 3.6, 6 mm
DAY/NIGHT, BLC, WDR	True, Yes, Digital	True, Yes, 120 dB	True, Yes, Digital	True, Yes, Digital
IR RANGE MAX (METERS)	20 m	30 m	40 m	40 m
OSD MENU VIA UP-THE-COAX (UTC)	Yes	Yes	Yes	Yes
RATINGS	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX)	12V DC ±25%, 4.3 W	12V DC ±25%, 4.6 W	12V DC ±25%, 4.3 W	12V DC ±25%, 4.3 W
BRACKETS	PC110T, PM, CBXS	PC110T, CBXS	PC110T, CBS, ABS	PC110T, CBS, ABS

TurboHD™ SOLUTIONS



# TurboHD™ TURRET CAMS

EXIR 2.0

EXIR 2.0

EXIR 2.0



OUTDOOR TURRET



OUTDOOR VF TURRET



OUTDOOR VF TURRET

MODEL	DS-2CE78D3T-IT3F	DS-2CE56H0T-IT3ZF	DS-2CE79D3T-IT3ZF
MEGAPIXELS	2 MP	5 MP	2 MP
VIDEO OUT	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS
HD-TVI RESOLUTION	1920 x 1080	2560 x 1944	1920 x 1080
CVBS RESOLUTION	700 TVL	960 H	700 TVL
SENSOR SIZE	2 MP CMOS	5 MP CMOS	2 MP CMOS
MIN ILLUMINATION (LUX)	<b>Colour:</b> 0.005 @ f/1.2 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.01 @ f/1.2 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.005 @ f/1.2 <b>B/W:</b> 0 with IR
LENS (FOV H x V)	Fixed 2.8, 3.6, 6 mm	2.7–13.5 mm Motorized Vari-Focal Lens	2.7–13.5 mm Motorized Vari-Focal Lens
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB	True, Yes, Digital	True, Yes, 120 dB
IR RANGE MAX (METERS)	50 m	40 m	70 m
OSD MENU VIA UP-THE-COAX (UTC)	Yes	Yes	Yes
RATINGS	IP67, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX)	12V DC ±25%, 4.6 W	12V DC ±25%, 6.3 W	12V DC ±25%, 7.7 W
BRACKETS	PC110T, ABS, CBS	PC130T, CBM, ABM	PC130T, CBM, ABM



INDOOR



OUTDOOR

MODEL	DS-2AE4225T-D3	DS-2AE4225T-D
VIDEO OUT	TVI, AHD, CVI, CVBS, Selectable	TVI, AHD, CVI, CVBS, Selectable
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	1/2.8" Progressive Scan CMOS	1/2.8"
MIN ILLUMINATION (LUX)	<b>Colour:</b> 0.005 @ f/1.6, AGC on <b>B/W:</b> 0.001 @ f/1.6, AGC on	<b>Colour:</b> 0.005 @ f/1.6 <b>B/W:</b> 0 with IR
HD-TV I RESOLUTION	1920 x 1080	1920 x 1080
CVBS RESOLUTION	960 H	960 H
LENS	4.8–120 mm Motorized Vari-Focal Lens	4.8–120 mm Motorized Vari-Focal Lens
HORIZONTAL ANGLE OF VIEW	57.6° to 2.5° (Wide-Tele)	57.6° to 2.5° (Wide-Tele)
OPTICAL ZOOM	25X	25X
PAN & TILT SPEED (MANUAL)	<b>Pan:</b> 0.1–100°/s, <b>Tilt:</b> 0.1–80°/s	<b>Pan:</b> 0.1–100°/s <b>Tilt:</b> 0.1–80°/s
PAN & TILT SPEED (PRESET)	<b>Pan:</b> 100°/s <b>Tilt:</b> 80°/s	<b>Pan:</b> 100°/s <b>Tilt:</b> 80°/s
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB	True, Yes, 120 dB
RATINGS	UL/cUL Listed	IP66, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-10 to 50 °C (14 to 122 °F)	-30 to 65 °C (-22 to 149 °F)
POWER REQUIREMENTS (MAX)	12V DC Max 14 W	12V DC Max 20 W
BRACKETS	Included	WMP-L, JBPW-L, CPM-S, CPM-L, RPM



# TurboHD™ PTZs



OUTDOOR



OUTDOOR, IR

MODEL	DS-2AE5232T-A	DS-2AE7232TI-A
VIDEO OUT	TVI, AHD, CVI, CVBS, Selectable	TVI, AHD, CVI, CVBS, Selectable
SENSOR SIZE (PROGRESSIVE SCAN CMOS)	1/2.8"	1/2.8"
MIN ILLUMINATION (LUX)	<b>Colour:</b> 0.005 @ f/1.6 <b>B/W:</b> 0 with IR	<b>Colour:</b> 0.005 @ f/1.6 <b>B/W:</b> 0 with IR
HD-TVI RESOLUTION	1920 x 1080	1920 x 1080
CVBS RESOLUTION	960 H	960 H
LENS	4.8–153 mm Motorized Vari-Focal Lens	4.8–153 mm Motorized Vari-Focal Lens
HORIZONTAL ANGLE OF VIEW	54.2° to 1.97° (Wide-Tele)	54.2° to 1.97° (Wide-Tele)
OPTICAL ZOOM	32X	32X
PAN & TILT SPEED (MANUAL)	<b>Pan:</b> 0.1–250°/s <b>Tilt:</b> 0.1–150°/s	<b>Pan:</b> 0.1–160°/s <b>Tilt:</b> 0.1–120°/s
PAN & TILT SPEED (PRESET)	<b>Pan:</b> 250°/s <b>Tilt:</b> 150°/s	<b>Pan:</b> 160°/s <b>Tilt:</b> 120°/s
DAY/NIGHT, BLC, WDR	True, Yes, 120 dB	True, Yes, 120 dB
RATINGS	IP66, UL/cUL Listed	IP66, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-30 to 65 °C (-22 to 149 °F)	-30 to 65 °C (-22 to 149 °F)
POWER REQUIREMENTS (MAX)	24V AC Max 24 W	24V AC Max 40 W (IR: 14 W)
BRACKETS	WMP-L, JBPW-L, CPM-S, CPM-L, RPM	WMP-L, JBPW-L, CPM-S, CPM-L, RPM



# TurboHD™ Digital Video Recorders



TurboHD Plug and Play DVRs offer several models scalable for small to mid-sized businesses with 4- to 32-channels. All TurboHD DVRs are Tribrid—a true revolution in the professional surveillance market— supporting traditional analog (CVBS), HD-TVI, and IP cameras. Thanks to auto-sensing technology, installation is extremely easy.

## FEATURES

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

## APPLICATIONS



Residential



Retailers



Supermarkets



# TurboHD™ TRIBRID 4.0 RECORDERS



	PRO SERIES	PRO SERIES	PRO SERIES
<b>MODEL</b>	DS-9008HUI-K8 DS-9016HUI-K8 DS-9032HUI-K8	DS-7308HUI-K4 DS-7316HUI-K4 DS-7332HUI-K4	DS-7308HQI-K4 DS-7316HQI-K4 DS-7332HQI-K4
<b>MAX RECORDING RESOLUTION</b>	8 MP	8 MP	2 MP
<b>VIDEO COMPRESSION</b>	H.265 Pro+, H.265 Pro, H.265, H.264+, H.264	H.265 Pro+, H.265 Pro, H.265, H.264+, H.264	H.265 Pro+, H.265 Pro, H.265, H.264+, H.264
<b>HDMI/VGA OUTPUT</b>	4K (3840 x 2160)/ 1920 x 1080 Independent 1920 x 1080/ 1920 x 1080 Synchronous	4K (3840 x 2160)/ 1920 x 1080 Independent 1920 x 1080/ 1920 x 1080 Synchronous	4K (3840 x 2160)/ 1920 x 1080 Independent 1920 x 1080/ 1920 x 1080 Synchronous
<b>SPOT MONITOR OUTPUT (BNC)</b>	Yes	Yes	Yes
<b>ANALOG INPUT</b>	8/16/32-Ch 1.0 Vp-p, 75 Ω	8/16/32-Ch 1.0 Vp-p, 75 Ω	8/16/32-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
<b>AUDIO INPUT/OUTPUT</b>	<b>8-Ch:</b> 8/2, <b>16/32-Ch:</b> 16/2	<b>8/16-Ch:</b> 4/2, <b>32-Ch:</b> 4/1	<b>8/16-Ch:</b> 4/2, <b>32-Ch:</b> 4/1
<b>ALARM INPUT/OUTPUT</b>	16/8	16/4	16/4
<b>USB 2.0</b>	Front Panel: 2x USB 2.0 Rear Panel: 1x USB 3.0	Front Panel: 2x USB 2.0 Rear Panel: 1x USB 3.0	Front Panel: 2x USB 2.0 Rear Panel: 1x USB 3.0
<b>RAID SUPPORT</b>	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	—
<b>INTERNAL SATA</b>	8 (Up to 10 TB Each)	4 (Up to 10 TB Each)	4 (Up to 10 TB Each)
<b>MAX INTERNAL STORAGE</b>	80 TB	40 TB	40 TB
<b>SUPPORT DVD-RW</b>	Yes, Replaces 4x SATA	Yes, Replaces 2x SATA	Yes, Replaces 2x SATA
<b>MAX FPS</b>	720p, 60; 1080p, 30; 3 MP, 18; 4 MP, 15; 5 MP, 12; 8 MP, 8	720p, 60; 1080p, 30; 3 MP, 18; 4 MP, 15; 5 MP, 12; 8 MP, 8	720p, 60; 1080p, 30; 3 MP, 4 MP
<b>MAX ANALOG (CVBS) RESOLUTION</b>	WD1 (960H)	WD1 (960 H)	WD1 (960 H)
<b>HIKVISION IP CAMERA SUPPORT*</b>	<b>8-Ch:</b> 10-Ch Up to 12 MP <b>16-Ch:</b> 18-Ch Up to 12 MP <b>32-Ch:</b> 18-Ch Up to 12 MP	<b>8-Ch:</b> 8-Ch Up to 8 MP <b>16-Ch:</b> 16-Ch Up to 8 MP <b>32-Ch:</b> 16-Ch Up to 8 MP	<b>8-Ch:</b> 4-Ch Up to 6 MP <b>16-Ch:</b> 8-Ch Up to 6 MP <b>32-Ch:</b> 16-Ch Up to 6 M
<b>FRONT PANEL CONTROL</b>	Yes	Yes	Yes
<b>MAX INCOMING/OUTGOING BANDWIDTH (Mbps)</b>	<b>8-Ch:</b> 260, <b>16/32-Ch:</b> 320/256	<b>8/16-Ch:</b> 200, <b>32-Ch:</b> 260	<b>8/16-Ch:</b> 120, <b>32-Ch:</b> 160
<b>RATINGS</b>	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
<b>RACK UNITS</b>	2	1.5	1.5
<b>POWER REQUIREMENTS</b>	<b>8-Ch:</b> 100–240V AC, ≤45 W without HDD <b>16-Ch:</b> 100–240V AC, ≤65 W without HDD <b>32-Ch:</b> 100 to 240 VAC, ≤74 W without HDD	<b>8-Ch:</b> 100–240V AC, ≤45 W without HDD <b>16-Ch:</b> 100–240V AC, ≤65 W without HDD <b>32-Ch:</b> 100–240V AC, ≤74 W without HDD	<b>8-Ch:</b> 100–240V AC, ≤40 W without HDD <b>16-Ch:</b> 100–240V AC, ≤55 W without HDD <b>32-Ch:</b> 100–240V AC, ≤45 W without HDD

\*For enhanced IP Mode function details, please refer to the datasheet on the product page which can be found on the website

# TurboHD™ TRIBRID 4.0 RECORDERS

	VALUE SERIES	VALUE SERIES
MODEL	DS-7204HUHI-K1 DS-7208HUHI-K2 DS-7216HUHI-K2	DS-7204HQHI-K1 DS-7208HQHI-K2 DS-7216HQHI-K2
MAX RECORDING RESOLUTION	5 MP	2 MP
VIDEO COMPRESSION	H.265 Pro+, H.265 Pro, H.265, H.264+, H.264	H.265 Pro+, H.265 Pro, H.265, H.264+, H.264
HDMI/VGA OUTPUT	<b>4-Ch:</b> 2560 x 1440, 1920 x 1080 Synchronous <b>8-Ch:</b> 3480 x 2160, 1920 x 1080 Synchronous <b>16-Ch:</b> 3480 x 2160, 1920 x 1080 Synchronous	<b>4/8-Ch:</b> 1920 x 1080 <b>16-Ch:</b> 3480 x 2160, 1920 x 1080 Synchronous
SPOT MONITOR OUTPUT (BNC)	Yes	Yes
ANALOG INPUT	4/8/16-Ch 1.0 Vp-p, 75 Ω	4/8/16-Ch 1.0 Vp-p, 75 Ω
VIDEO STANDARD	HDTVI, AHD, CVI, CVBS, IP	HD-TVI/CVBS (Auto-Detect) HDTVI, AHD, CVI, CVBS, IP
AUDIO INPUT/OUTPUT	4-Ch/1-Ch	1/1
ALARM INPUT/OUTPUT	<b>4-Ch</b> 4/1; <b>8-Ch</b> 8/4; <b>16-Ch</b> 16/4	-
USB 2.0	<b>4-Ch:</b> 2x USB 2.0 <b>8/16-Ch:</b> Front Panel: 1x USB 2.0, Rear Panel: 1x USB 3.0	<b>4/8-Ch:</b> 2x USB 2.0 <b>16-Ch:</b> Front Panel: 1x USB 2.0, Rear Panel: 1x USB 3.0
INTERNAL SATA	<b>4-Ch:</b> 1 (Up to 10 TB Each) <b>8/16-Ch:</b> 2 (Up to 10 TB Each)	<b>4-Ch:</b> 1 (Up to 10 TB Each) <b>8/16-Ch:</b> 2 (Up to 10 TB Each)
MAX INTERNAL STORAGE	<b>4-Ch:</b> 10 TB, <b>8/16-Ch:</b> 20 TB	<b>4-Ch:</b> 10 TB, <b>8/16-Ch:</b> 20 TB
MAX FPS	720p, 30; 1080p, 30; 3 MP, 18; 4 MP, 15; 5 MP, 12	720p, 30; 1080p, 15
MAX ANALOG (CVBS) RESOLUTION	WD1 (960 H)	WD1 (960 H)
HIKVISION IP CAMERA SUPPORT	<b>4-Ch:</b> 4-Ch Up to 8 MP (Up to 8-Ch) <b>8-Ch:</b> 8-Ch Up to 8 MP (Up to 16-Ch) <b>16-Ch:</b> 16-Ch Up to 8 MP (Up to 32-Ch)	<b>4-Ch:</b> 2-Ch Up to 6 MP (Up to 6-Ch) <b>8-Ch:</b> 4-Ch Up to 6 MP (Up to 12-Ch) <b>16-Ch:</b> 8-Ch Up to 6 MP (Up to 24-Ch)
FRONT PANEL CONTROL	No	No
TURBO CHANNEL VCA (VIDEO CONTENT ANALYSIS)	All Channels	2-Ch
MAX INCOMING/OUTGOING BANDWIDTH (MBPS)	<b>4-Ch:</b> 96; <b>8/16-Ch:</b> 128	<b>4-Ch:</b> 72; <b>8-Ch:</b> 96; <b>16-Ch:</b> 128
RATINGS	UL/cUL Listed	UL/cUL Listed
RACK UNITS	<b>4-Ch:</b> Standalone 1U <b>8/16-Ch:</b> 1	<b>4-Ch:</b> Standalone 1U <b>8/16-Ch:</b> 1
POWER REQUIREMENTS	<b>4-Ch:</b> 12 V DC, ≤10 W without HDD <b>8-Ch:</b> 12 V DC, ≤20 W without HDD <b>16-Ch:</b> 12 V DC, ≤25 W without HDD	<b>4-Ch:</b> 12 V DC, ≤6 W without HDD <b>8-Ch:</b> 12 V DC, ≤7.5 W without HDD <b>16-Ch:</b> 12 V DC, ≤25 W without HDD

# TurboHD™ Kits



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

## FEATURES

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



	TURRET	TURRET	TURRET	TURRET
MODEL	EKT-K41T24	EKT-K82T26	T7204U1TA4	T7208U2TA6
NUMBER OF KIT CAMERAS	4	6	4	6
CAMERA	ECT-T12F2	ECT-T12F2	DS-2CE56H0T-ITMF	DS-2CE56H0T-ITMF
MIN. ILLUMINATION (LUX)	Colour: 0.01 @ f/1.2, B/W: 0 with IR	Colour: 0.01 @ f/1.2, B/W: 0 with IR	Colour: 0.01 @ f/1.2, B/W: 0 with IR	Colour: 0.01 @ f/1.2, B/W: 0 with IR
HD-TVI RESOLUTION	1080p	1080p	5 MP	5 MP
LENS	Fixed 2.8 mm	Fixed 2.8 mm	Fixed 2.8 mm	Fixed 2.8 mm
DAY/NIGHT, BLC, WDR	True (ICR), Yes, DWDR	True (ICR), Yes, DWDR	True, Yes, Digital	True, Yes, Digital
IR RANGE (METERS)	20 m	20 m	20 m	20 m
OSD MENU	Yes, Over UTC	Yes, Over UTC	Yes, Over UTC	Yes, Over UTC
RATINGS	P66, UL/cUL Listed	P66, UL/cUL Listed	IP67, UL/cUL Listed	IP67, UL/cUL Listed
OPERATING TEMPERATURE RANGE	-40 to 60 °C (-40 °F to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
POWER REQUIREMENTS (MAX)	12V DC, 4 W	12V DC, 4 W	12V DC ±25%, 4.3 W	12V DC ±25%, 4.3 W
DVR	DVR-204Q-K1	DVR-208Q-K1	DS-7204HUI-K1	DS-7208HUI-K2
MAX RECORDING RESOLUTION	4 MP	4 MP	5 MP	5 MP
VIDEO COMPRESSION	H.265 Pro+, H.265 Pro, H.265, H.264+, H.264	H.265 Pro+, H.265 Pro, H.265, H.264+, H.264	H.265 Pro+, H.265 Pro, H.265, H.264+, H.264	H.265 Pro+, H.265 Pro, H.265, H.264+, H.264
HDMI/VGA OUTPUT	4K (3840 x 2160)/30Hz, 2K (2560 x 1440)/60Hz, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz	4K (3840 x 2160)/30Hz, 2K (2560 x 1440)/60Hz, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz	4-Ch: 2560 x 1440/1920 x 1080 Synchronous	8-Ch: 3480 x 2160/1920 x 1080 Synchronous
ANALOG INPUT	4-Ch 1.0 Vp-p, 75 Ω	8-Ch 1.0 Vp-p, 75 Ω	4-Ch 1.0 Vp-p, 75 Ω	8-Ch 1.0 Vp-p, 75 Ω
VIDEO STANDARD	HDTVI, AHD, CVI, CVBS, IP	HDTVI, AHD, CVI, CVBS, IP	HDTVI, AHD, CVI, CVBS, IP	HDTVI, AHD, CVI, CVBS, IP
TWO-WAY AUDIO INPUT	1-Ch, RCA (Linear, 1K Ω)	1-Ch, RCA (Linear, 1K Ω)	1-Ch, RCA (Linear, 1K Ω)	1-Ch, RCA (Linear, 1K Ω)
USB 2.0	2x USB 2.0	2x USB 2.0	2x USB 2.0	2x USB 2.0
INTERNAL SATA	Preloaded HDD Configurations	Preloaded HDD Configurations	Preloaded HDD Configurations	Preloaded HDD Configurations
INTERNAL STORAGE	1 TB	2 TB	1 TB	2 TB
MAX FPS 720/1080p HD-TVI	30 fps with Included Cameras	30 fps with Included Cameras	20 fps with Included Cameras	20 fps with Included Cameras
HIKVISION IP CAMERA SUPPORT	4-Ch (Up to 12-Ch) 6 MP	8-Ch (Up to 24-Ch) 6 MP	4-Ch (Up to 8-Ch) 8 MP	8-Ch (Up to 16-Ch) 8 MP
OSD MENU UP-THE-COAX	Yes	Yes	Yes	Yes
RATINGS	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
POWER REQUIREMENTS	12V DC, ≤12 W	12V DC, ≤20 W	12V DC, ≤10 W	12V DC, ≤20 W



# DECODERS

ACCESSORIES



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

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

# ENCODERS



	ENCODER	ENCODER	ENCODER
MODEL	DS-6704HUHI-K	DS-6708HUHI-K	DS-6716HUHI-K
FRAME RATE (FPS)	30	30	30
MULTI-STREAMING	Yes	Yes	Yes
VIDEO INPUT	4-Ch, BNC (1.0 Vp-p, 75 Ω)	8-Ch, BNC (1.0 Vp-p, 75 Ω)	16-Ch, BNC (1.0 Vp-p, 75 Ω)
VIDEO OUTPUT	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264
DECODING CAPABILITY	@ 25 fps (P)/30 fps (N)	–	–
NETWORK INTERFACE	1 RJ45 10M, 100M, 1000M Self-Adaptive Ethernet Interface	1 RJ45 10M, 100M, 1000M Self-Adaptive Ethernet Interface	1 RJ45 10M, 100M, 1000M Self-Adaptive Ethernet Interface
STORAGE	1 SATA Interface (Up to 8 TB Each)	2 SATA Interfaces (Up to 8 TB Each)	2 SATA Interfaces (Up to 8 TB Each)
AUDIO OUTPUT	4/1	4/1	4/1
VOICE TALK INPUT	1-Ch	1-Ch	1-Ch
ALARM INPUT/OUTPUT	4/1	8/4	16/4
RS-485	Yes	Yes	Yes
RESOLUTION IN	5 MP @ 12 fps 4 MP @ 15 fps 3 MP @ 18 fps 1080p, 720p, WD1, 4CIF, VGA, CIF	5 MP @ 12 fps 4 MP @ 15 fps 3 MP @ 18 fps 1080p, 720p, WD1, 4CIF, VGA, CIF	5 MP @ 12 fps 4 MP @ 15 fps 3 MP @ 18 fps 1080p, 720p, WD1, 4CIF, VGA, CIF
RATINGS	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
POWER REQUIREMENTS	12V DC ≤10 W	12V DC ≤20 W	12V DC ≤25 W

ACCESSORIES





# ENCODERS



ACCESSORIES

	ENCODER	ENCODER
MODEL	DS-6708HQHI-SATA	DS-6716HQHI-SATA
FRAME RATE (FPS)	30	30
MULTI-STREAMING	Yes	Yes
VIDEO INPUT	8-Ch, BNC (1.0 Vp-p, 75 Ω)	16-Ch, BNC (1.0 Vp-p, 75 Ω)
VIDEO OUTPUT	H.264, MPEG4 TCP/IP	H.264, MPEG4 TCP/IP
DECODING CAPABILITY	–	–
NETWORK INTERFACE	1 RJ-45 10, 100, 1000 Mbps Ethernet	1 RJ-45 10, 100, 1000 Mbps Ethernet
STORAGE	2 SATA Interfaces (Up to 6 TB Each)	2 SATA Interfaces (Up to 6 TB Each)
AUDIO OUTPUT	4/1	4/1
VOICE TALK INPUT	–	–
ALARM INPUT/OUTPUT	8/4	16/4
RS-485	Yes	Yes
RESOLUTION IN	<b>HD-TVI:</b> 8-Ch 30 fps @ 1080p & 720p	<b>HD-TVI:</b> 16-Ch 30 fps @ 1080p & 720p
RATINGS	UL/cUL Listed	UL/cUL Listed
POWER REQUIREMENTS	12V DC ≤30 W without HDD	12V DC ≤45 W without HDD

# ENCODERS



	ENCODER	ENCODER	ENCODER	ENCODER
MODEL	DS-6701HWI	DS-6704HWI	DS-6708HWI	DS-6716HWI
FRAME RATE (FPS)	30	30	30	30
MULTI-STREAMING	Yes	Yes	Yes	Yes
VIDEO INPUT	1-Ch, BNC (1.0 Vp-p, 75 Ω)	4-Ch, BNC (1.0 Vp-p, 75 Ω)	8-Ch, BNC (1.0 Vp-p, 75 Ω)	16-Ch, BNC (1.0 Vp-p, 75 Ω)
VIDEO OUTPUT	H.264, MPEG4 TCP/IP	H.264, MPEG4 TCP/IP	H.264, MPEG4 TCP/IP	H.264, MPEG4 TCP/IP
NETWORK INTERFACE	1 RJ-45 10, 100 Mbps Ethernet (PoE)	1 RJ-45 10, 100 Mbps Ethernet (PoE)	1 RJ-45 10, 100, 1,000 Mbps Ethernet	1 RJ-45 10, 100, 1,000 Mbps Ethernet
AUDIO OUTPUT	1/1	4/1	8/1	16/1
VOICE TALK INPUT	1-Ch	1-Ch	1-Ch	1-Ch
ALARM INPUT/OUTPUT	1/1	4/2	8/4	16/4
RS-232	–	Yes	Yes	Yes
RS-485	Yes	Yes	Yes	Yes
RESOLUTION IN	WD1 (960H), 4CIF, 2CIF, CIF, qCIF	WD1 (960H), 4CIF, 2CIF, CIF, qCIF	WD1 (960H), 4CIF, 2CIF, CIF, qCIF	WD1 (960H), 4CIF, 2CIF, CIF, qCIF
RATINGS	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
POWER REQUIREMENTS	12V DC, ≤5 W	12V DC, ≤7 W	12V DC, ≤10 W	12V DC, ≤22 W

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

ACCESSORIES



# SWITCH

## EI Smart Managed Network Switches



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

### FEATURES

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

ACCESSORIES



POE SWITCH



POE SWITCH

MODEL	DS-3T0506HP-E/HS	DS-3T0510HP-E/HS
TYPE	Unmanaged	Unmanaged
PORTS	3x Gbps PoE Ports 1x Gbps Hi-PoE Ports 2x Gbps SFP Fiber Optical Ports <b>Port 3 &amp; 4:</b> Up to 300m	6x Gbps PoE RJ45 Ports 2x Gbps Hi-PoE RJ45 Ports 2x Gbps SFP Fiber Optical Ports <b>Ports 7 &amp; 8:</b> Up to 300 m
FORWARDING	Store-and-Forward Switching	Store-and-Forward Switching
BACKPLANE	22 Gbps	20 Gbps
POE BUDGET	60 W	110 W
MAX PORT POWER	<b>Port 1:</b> 60 W <b>Ports 2-4:</b> 30 W	<b>Ports 1 &amp; 2:</b> 90 W <b>Ports 3-8:</b> 30 W
STANDARDS	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z & IEEE 802.3ab	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z & IEEE 802.3ab
POWER SUPPLY	48 to 57 VDC, 1.35 A maximum	48 to 57 VDC, 2.5 A maximum
DIMENSION (H x W x D)	158 x 101.2 x 31.6 mm (6.22 x 3.98 x 1.24")	197 x 114.2 x 42.2 mm (7.76 x 4.50 x 1.66")

# SWITCH



UNMANAGED  
ETHERNET SWITCH

UNMANAGED GIGABIT  
ETHERNET POE SWITCH

MODEL	DS-3E0508-E DS-3E0516-E DS-3E0524-E	DS-3E0505P-E DS-3E0510P-E DS-3E0518P-E DS-3E0526P-E
TYPE	Unmanaged	Unmanaged
PORTS	8 Gbps Ethernet Ports 16 Gbps Ethernet Ports 24 Gbps Ethernet Ports	4x Gbps PoE Ports, 1x Gbps Ethernet Port 8x Gbps PoE Ports, 1x Gbps Ethernet Port, 1x Gbps SFP Fiber Optical Port 16x Gbps PoE Ports, 1x Gbps Ethernet Port, 1x Gbps SFP Fiber Optical Port 24x Gbps PoE Ports, 1x Gbps Ethernet Port, 1x Gbps SFP Fiber Optical Port
FORWARDING	<b>Ethernet:</b> 14881 pps One Port <b>Fast Ethernet:</b> 148810 pps One Port <b>Gigabit Ethernet:</b> 1488100 pps One Port	7.44 Mpps 14.88 Mpps 26.784 Mpps 38.688 Mpps
BACKPLANE	16 Gbps 32 Gbps 48 Gbps	10 Gbps 20 Gbps 36 Gbps 52 Gbps
POE BUDGET	NA	60W 110W 230W 370W
MAX. PORT POWER	NA	30W
STANDARDS	Compliant with IEEE802.3, IEEE802.3u, IEEE802.3X, IEEE802.3ab Ethernet Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z
POWER REQUIREMENTS (MAX)	100–240V AC, 50/60 Hz, 0.3 A 100–240V AC, 50/60 Hz 100–240V AC, 50/60 Hz	48V DC, 1.35 A 48V DC, 2.5 A 100–240V AC, 50/60 Hz, 4 A Max 100–240V AC, 50/60 Hz, 6.5 A Max
DIMENSION (H x W x D)	186 x 106.7 x 33.3 mm (7.32 x 4.20 x 1.31") 440 x 178.8 x 44 mm (17.32 x 7.04 x 1.73") 440 x 178.8 x 44 mm (17.32 x 7.04 x 1.73")	105 x 27.6 x 83.1 mm (4.1 x 1.1 x 3.3") 217.6 x 27.8 x 108.55 mm (8.6 x 1.1 x 4.3") 440 x 44 x 220.8 mm (17.3 x 1.7 x 8.7") 440 x 44 x 220.8 mm (17.3 x 1.7 x 8.7")

ACCESSORIES



# SWITCH

ACCESSORIES



SMART MANAGED ETHERNET POE SWITCH



FULL MANAGED ETHERNET POE SWITCH

MODEL	DS-3E1105P-EI DS-3E1309P-EI DS-3E1318P-EI DS-3E1326P-EI	DS-3E2310P DS-3E2318P DS-3E2326P
TYPE	Smart Managed with Visual Topology	Full Managed
PORTS	4 x 100 Mbps PoE ports, 1 x 100 Mbps Ethernet port 8 x 100 Mbps PoE ports, 1 x Gbps Ethernet port 16 x 100 Mbps PoE ports, 2 Gbps Combo uplink 24 x 100 Mbps PoE ports, 2 Gbps Combo uplink	8 100M Base T Ports +2 Digital Combo Ports 16 100M Base T Ports +2 Digital Combo Ports 24 100M Base T Ports +2 Digital Combo Ports
FORWARDING	0.744 Mpps 2.6784 Mpps 5.3568 Mpps 6.5472 Mpps	5.6 Mpps 8.4 Mpps 9.6 Mpps
BACKPLANE	1 Gbps 3.6 Gbps 7.2Gbps 8.8 Gpps	10 Gbps 21.2 Gbps 22.8 Gbps
POE BUDGET	60W 115W 230W 370W	125 W 300 W 380 W
MAX. PORT POWER	30W	-
STANDARDS	IEEE 802.3, IEEE 802.3u, and IEEE 802.3x	Full Managed, IEEE 802.1D STP, IEEE 802.1w RSTP, IEEE 802.1s MSTP, Port-Based VLAN, 802.1Q Tag VLAN, GVRP Dynamic VLAN Configuration, IGMP Snooping, Static/LACP Link Aggregation EAPS and ERPS IEEE 802, 1x Port-Based User Authentication Port Security
POWER REQUIREMENTS (MAX)	48V DC, 1.35A 48V DC, 2.5A 100-240V AC, 50/60Hz 2.5 A Max 100-240V AC, 50/60Hz 6.5 A Max	100-240V AC, 50 Hz ±10% (<15 W), 100-240V AC, 50 Hz ±10% (<15 W), 100-240V AC, 50 Hz ±10% (<15 W)
DIMENSION (H x W x D)	105 mm x 27.6 mm x 83.1 mm (4.76" x 3.47" x 1.09") 170 mm x 27.6 mm x 93.1 mm (4.76" x 3.47" x 1.09") 440 mm x 44 mm x 220.8 mm (4.76" x 3.47" x 1.09") 440 mm x 44 mm x 221 mm (4.76" x 3.47" x 1.09")	280 x 179 x 45 mm (11 x 7 x 1.8") 440 x 232 x 44 mm (17.32 x 9.1 x 1.73") 440 x 232 x 44 mm (17.32 x 9.1 x 1.73")

# MONITORS



	MONITOR	MONITOR	MONITOR
MODEL	DS-D5019QE-B	DS-D5024FN	DS-D5024FC
BEZEL MATERIAL	Plastic	Plastic	Plastic
WORKING TIME	24/7	24/7	24/7
DISPLAY TYPE	LED-Backlit TFT LCD	LED-Backlit TFT LCD	LED-Backlit TFT LCD
SCREEN SIZE	18.5"	23.8"	23.6"
MAX RESOLUTION	1366 x 768	1920 x 1080	1920 x 1080
BRIGHTNESS	200 cd/m <sup>2</sup> (Typical)	250 cd/m <sup>2</sup> (Typical)	250 cd/m <sup>2</sup> (Typical)
CONTRAST	600:1	1000:1	1000:1
RESPONSE TIME	5 ms	14 ms	5 ms
COLOUR	16.7 M	16.7 M	16.7 M
VIEWING ANGLE	H: 90°, V: 65°	H: 178°, V: 178°	H: 170°, V: 160°
INPUTS	1x HDMI, VGA	1x HDMI, VGA	1x HDMI, VGA, BNC, USB
OUTPUTS	N/A	N/A	BNC
AUDIO INPUT/OUTPUT	N/A	N/A	1 x 3.5 mm mini-jack, 1 x RCA
SPEAKER	N/A	N/A	2x 2W
VESA MOUNT	75 x 75 mm (3 x 3")	100 x 100 mm (3.9 x 3.9")	100 x 100 mm (3.9 x 3.9")
DIMENSION (W x H x D)	445.58 x 274.99 x 44.6 mm (17.5 x 10.8 x 1.8")	540 mm x 418 mm x 227 mm (21.3 x 12.3 x 8.9")	561 mm x 339 mm x 218.5 mm (22.1" x 13.3" x 8.6")
WEIGHT	<b>Gross Weight:</b> 3.5 kg (7.7 lb) <b>Net Weight:</b> 2.8 kg (6.17 lb)	<b>Gross Weight:</b> 4.4 kg (9.9 lb) <b>Net Weight:</b> 3.4 Kg (7.5 lb)	<b>Gross Weight:</b> 6.0 kg (13.2 lb) <b>Net Weight:</b> 5.1 Kg (11.2 lb)

ACCESSORIES



# MONITORS



MONITOR

MONITOR

MONITOR

MODEL	DS-D5027FN	DS-D5032QE	DS-D5032FL-B
BEZEL MATERIAL	Plastic	Plastic	Metal
WORKING TIME	24/7	24/7	24/7
DISPLAY TYPE	LED-Backlit TFT LED	LED Backlight	LED Backlight
SCREEN SIZE	27"	31.5"	31.5"
MAX RESOLUTION	1920 x 1080	1920 x 1080 @ 60 Hz	1920 x 1080
BRIGHTNESS	300 cd/m <sup>2</sup> (Typical)	300 cd/m <sup>2</sup> (Typical)	400 cd/m <sup>2</sup> (Typical)
CONTRAST	1000:1	1400:1 (Typical)	4000:1
RESPONSE TIME	14 ms	8 ms	6.5 ms
COLOUR	16.7 M	16.7 M	16.7 M
VIEWING ANGLE	H: 178°, V: 178°	H: 178°, V: 178°	H: 178°, V: 178°
INPUTS	1x HDMI, VGA	1x HDMI, 1x VGA	1x HDMI, 1x VGA, 1x BNC, 1x USB 2.0
OUTPUTS	–	N/A	1x BNC
AUDIO INPUT/OUTPUT	N/A	1	1x 3.5 mm Mini-Jack 1x 3.5 mm Mini-Jack
SPEAKER	N/A	2x 5 W	2x 3 W
VESA MOUNT	100 x 100 mm (3.9 x 3.9")	M4, 100 x 100 mm (3.9 x 3.9")	4-M6, 200 x 200 mm (7.9 x 7.9")
DIMENSION (W x H x D)	614 x 454 x 226 mm (24.2 x 17.8 x 8.9")	<b>With Base:</b> 727 x 474 x 64 mm (28.6 x 18.7 x 2.5")	737.4 x 452.5 x 70.65 mm (29 x 17.8 x 2.78")
WEIGHT	<b>Gross Weight:</b> 5.62 kg (12.4 lb) <b>Net Weight:</b> 4.08 kg (8.99 lb)	<b>Gross Weight:</b> 6.763 kg (14.9 lb) <b>Net Weight:</b> 5.09 kg (11.2 lb)	<b>Gross Weight:</b> 19 kg (41.9 lb) <b>Net Weight:</b> 12 kg (26.5 lb)

ACCESSORIES



# MONITORS



MONITOR

MONITOR

MODEL	DS-D5032FL	DS-D5043FL-B
BEZEL MATERIAL	Metal	Metal
WORKING TIME	24/7	24/7
DISPLAY TYPE	LED-Backlit TFT LCD	LED Backlight
SCREEN SIZE	31.5"	43
MAX RESOLUTION	1920 x 1080	1920x1080
BRIGHTNESS	400 cd/m <sup>2</sup> (Typical)	500 nit
CONTRAST	4000:1	1200:1
RESPONSE TIME	8 ms	8 ms
COLOUR	16.7 M	8 bit
VIEWING ANGLE	H: 178°, V: 178°	H: 178°, V: 178°
INPUTS	1x HDMI, VGA, DVI, BNC, USB	1x HDMI, 1x VGA, 1x BNC, 1x DVI
OUTPUTS	–	1x BNC
AUDIO INPUT/OUTPUT	1x 3.5 mm Mini-Jack 1x 3.5 mm Mini-Jack	1/1
SPEAKER	2x 3 W	2x 3W
VESA MOUNT	200 x 200 mm (7.9 x 7.9")	400 x 300 mm (15.7 x 11.8")
DIMENSION (W x H x D)	737.4 x 452.5 x 70.65 mm (29 x 17.8 x 2.78")	998.78 x 590.52 x 78.24 mm (39.32 x 23.2 x 3.1")
WEIGHT	<b>Gross Weight:</b> 19 kg (41.9 lb) <b>Net Weight:</b> 12 kg (26.5 lb)	<b>Gross Weight:</b> 21 kg (46.3 lb) <b>Net Weight:</b> 23 kg (50.71 lb)

ACCESSORIES



# MONITORS



4K MONITOR

4K MONITOR

4K MONITOR

MODEL	DS-D5027UC	DS-D5043UC	DS-D5055UC
BEZEL MATERIAL	Plastic	Plastic	Plastic
WORKING TIME	24/7	24/7	24/7
DISPLAY TYPE	LED-Backlit TFT LED	D-LED Backlit	D-LED
SCREEN SIZE	27"	42.5"	54.6"
MAX RESOLUTION	3840 x 2160	3840 x 2160	3840 x 2160
BRIGHTNESS	350 cd/m <sup>2</sup> (Typical)	400 cd/m <sup>2</sup> (Typical)	400 cd/m <sup>2</sup> (Typical)
CONTRAST	1000:1	1200:1	1200:1
RESPONSE TIME	14 ms	8 ms	8 ms
COLOUR	1.07 billion	1.07 billion	1.07 billion
VIEWING ANGLE	H: 178°, V: 178°	H: 178°, V: 178°	H: 178°, V: 178°
INPUTS	1x HDMI, 1x DP	2x HDMI 2.0, 1x VGA, 1x USB3.0, 1x USB2.0, 1x RS232, 1x LAN	2x HDMI 2.0, 1x VGA, 1x USB3.0, 1x USB2.0, 1x RS232, 1x LAN
OUTPUTS	–	–	N/A
AUDIO INPUT/OUTPUT	0/1	1/1	1/1
SPEAKER	2x 2 W	2x 8 W	2x 8 W
VESA MOUNT	100 x 100 mm (3.9 x 3.9")	200 x 200 mm (7.9 x 7.9")/ 400 x 400 mm (15.7 x 15.7")	400 x 200 mm (15.7 x 7.9")/ 400 x 400 mm (15.7 x 15.7")
DIMENSION (W x H x D)	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")	1239.2 x 711.6 x 61.7 mm (48.8 x 28 x 2.4")
WEIGHT	<b>Gross Weight:</b> 6.55 kg (14.44 lbs) <b>Net Weight:</b> 5.07 kg (11.18 lbs)	<b>Gross Weight:</b> 11.7 kg (25.79 lbs) <b>Net Weight:</b> 8.6 kg (18.96 lbs)	<b>Gross Weight:</b> 20.7 kg <b>Net Weight:</b> 16 kg

ACCESSORIES

# LCD VIDEO WALL



VIDEO WALL MONITOR

**VIDEO WALL MONITOR KIT**  
INCLUDE: 4x DS-D2055NL-B 55" LCD SCREENS  
4x DS-DN4655W/U WALL-MOUNTED BRACKETS

MODEL	DS-D2055NL-B	DS-D2055NL-B/4TZ
DIAGONAL SIZE (INCH)	55"	55"
BACKLIGHT	LED Backlight (Direct Type)	LED Backlight (Direct Type)
PANEL	S-PVA	S-PVA
RESOLUTION	1920 x 1080	1920 x 1080
COLOUR	16.7 M	16.7 M
VISUAL ANGLE	H: 178°, V: 178°	H: 178°, V: 178°
RESPONSE TIME	8 ms (G to G)	8 ms (G to G)
CONTRAST	4000:1	4000:1
BRIGHTNESS	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>
COLOUR SATURATION	92%	92%
INPUT INTERFACE	1x VGA, 1x DVI, 1x BNC, 1x YPbPr, 1x HDMI, 1x IR Jack	1x VGA, 1x DVI, 1x BNC, 1x YPbPr, 1x HDMI, 1x IR Jack
OUTPUT INTERFACE	1x VGA, 1x DVI, 2x BNC	1x VGA, 1x DVI, 2x BNC
CONTROL INTERFACE	In: RS-232, Out: 2x RS-232	In: RS-232, Out: 2x RS-232
OPTIONAL INTERFACE	-	-
POWER CONSUMPTION	192 W	192 W
POWER REQUIREMENT	90~264 V AC, 50/60 Hz	90~264 V AC, 50/60 Hz
OPERATING TEMPERATURE	0~40 °C (32~104 °F)	0~40 °C (32~104 °F)
OPERATING HUMIDITY	10~85% (No Condensation)	10~85% (No Condensation)
WORKING LIFE	≥60,000 Hours	≥60,000 Hours
DIMENSION (W x H x D)	1213.6 x 684.3 x 112.8 mm (47.78 x 26.94 x 4.44")	1213.6 x 684.3 x 112.8 mm (47.78 x 26.94 x 4.44")
FRAME WIDTH	Left/Upper: 2.3 mm (0.09") Right/Lower: 1.2 mm (0.047")	Left/Upper: 2.3 mm (0.09") Right/Lower: 1.2 mm (0.047")
PHYSICAL SEAM	3.5 mm (0.14")	3.5 mm (0.14")

ACCESSORIES

# Video Intercom Solutions



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

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

## FEATURES

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

## APPLICATIONS



Single Family Homes



Commercial Buildings



Condominiums



Apartments



Hotels



Schools



You're Always at Home with Hikvision's Video Doorbell

SMART WI-FI DOORBELL CAMERA



MODEL	DS-HD1
MOBILE CALLING	Calls Hik-Connect Mobile App
CAMERA	3 MP
SENSOR SIZE	1/2.8" Starlight Sensor
LENS, FIELD OF VIEW	180° Vertical FOV
IR RANGE MAX	10 ft
VIDEO COMPRESSION	H.264
AUDIO INPUT/OUTPUT	Built-In Omnidirectional Microphone Built-In Loud Speaker
ALARM INPUT/OUTPUT	Customized Alert Area PIR Sensor
RATINGS	2.4/5 GHz Dual-Band Wi-Fi
OPERATING TEMPERATURE RANG	Wi-Fi
MODULE I/O	MicroSD Card Storage (Up to 128 GB)
POWER REQUIREMENTS (MAX)	16–24V AC, 5 W
WORKING TEMPERATURE	-30 to 60 °C (-22 to 140 °F)
RATINGS	IP65
DIMENSION (H x W x D)	130 x 46.3 x 21.5 mm (5.12 x 1.83 x 0.85")
BRACKETS	Includes Flat & Angled Mounting Plates



## INTERCOM KITS

### Modular IP Video Intercom Kit



#### DS-KIS602

**Models Included:**

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

**Accessories Included:**

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

**Key Features:**

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

### Two-Wire Video Intercom Kit



#### DS-KIS702-P

**Models Included:**

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

**Accessories Included:**

- 16 GB Micro SD Card
- Power Supply

**Key Features:**

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

# IP & TWO-WIRE MAIN DOOR STATION



IP VIDEO INTERCOM  
RUGGED DOOR STATION

IP VIDEO INTERCOM  
EXPANDABLE DOOR STATION

IP VIDEO INTERCOM  
EXPANDABLE  
DOOR STATION

TWO-WIRE VIDEO INTERCOM  
EXPANDABLE  
DOOR STATION

MODEL	DS-KB8113-IME1	DS-KD8003-IME1/Surface	DS-KD8003-IME1/Flush	DS-KD8003-IME1	DS-KD8003-IME2
MOBILE CALLING	• Calls Hik-Connect app independently and also works with an indoor station.	• 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
CAMERA	2 MP, 88°x45° FOV, 10 ft IR	2 MP, 180° x 96° FOV, 10 ft IR, WDR		2 MP, 180° x 96° FOV, 10 ft IR, WDR	2 MP, 180° x 96° FOV, 10 ft IR, WDR
VIDEO COMPRESSION	H.264	H.264		H.264	H.264
PHYSICAL BUTTONS	1	1 with Name Tag		1 with Name Tag	1 with Name Tag
LOCK RELAY	1	2 (30V, 1 A Max Each)		2 (30V, 1 A Max Each)	2 (30V, 1 A Max Each)
MAX EXTENSIONS	-	8 Door Station Extensions		8 Door Station Extensions	8 Door Station Extensions
NETWORK PROTOCOL	10/100 Mbps TCP/IP, RTSP, RTP, ISAPI, NTP, HTTP, HTTPS, DHCP, FTP, SMTP	10, 100 Mbps TCP/IP, RTSP		TCP/IP, RTSP	TCP/IP, RTSP
NETWORK INTERFACE	RJ45	RJ45		RJ45	Two-Wire Transmission
MODULE I/O	-	1		1	1
TAMPER ALARM	-	Yes		Yes	Yes
SENSOR/ALARM INPUTS	1	4		4	4
POWER REQUIREMENTS (MAX)	12 VDC, PoE (802.3af), ≤10 W	12V DC, PoE (802.3af), ≤10 W		PoE (802.3af) or 12V DC Independent Power Supply (<20 W)	24V DC Two-Wire Power Supply (<16 W) or 12V DC Independent Power Supply (<20 W)
WORKING TEMPERATURE	-30 to 50 °C (-22 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)
RATINGS	UL, IK9, IP65	UL60950, IP65		UL60950, IP65	UL60950, IP65
DIMENSION (H x W x D)	161.85 x 74.13 x 53.2 mm (6.372" x 2.919" x 2.094")	98 x 99.8 x 43.9 mm (3.86 x 3.93 x 1.73")		98 x 100 x 43.9 mm (3.86 x 3.94 x 1.73")	98 x 100 x 43.9 mm (3.86 x 3.94 x 1.73")

IP VIDEO INTERCOM SOLUTIONS



# IP & TWO-WIRE MAIN DOOR STATION



DOOR STATION

DOOR STATION

MODEL	DS-KV8113-WME1	DS-KV8213-WME1
MOBILE CALLING	<ul style="list-style-type: none"> <li>• Calls indoor stations</li> <li>• Calls Hik-Connect mobile app via indoor station</li> </ul>	<ul style="list-style-type: none"> <li>• Calls indoor stations</li> <li>• Calls Hik-Connect mobile app via indoor station</li> </ul>
CAMERA	2 MP, 129° x 75° FOV, 10 ft IR, WDR	2 MP, 129° x 75° FOV, 10 ft IR, WDR
VIDEO COMPRESSION	H.264	H.264
PHYSICAL BUTTONS	1 with Name Tag	2 with Name Tag
INTERNAL CARD READER	Mifare Card Reader	Mifare Card Reader
LOCK RELAY	1 Button	2 Button
MAX EXTENSIONS	8 Door Station Extensions	8 Door Station Extensions
NETWORK PROTOCOL	10, 100 Mbps TCP/IP, RTSP	10, 100 Mbps TCP/IP, RTSP
NETWORK INTERFACE	RJ45, WiFi (802.11b/g/n)	RJ45, WiFi (802.11b/g/n)
MODULE I/O	Supports SDHC 128 GB Max	Supports SDHC 128 GB Max
TAMPER ALARM	Yes	Yes
SENSOR/ALARM INPUTS	4	4
POWER REQUIREMENTS (MAX)	IEEE802.3af, Standard PoE 12V DC <10 W	IEEE802.3af, Standard PoE 12V DC <10 W
WORKING TEMP.	-40 to 53 °C (-40 to 127.4 °F)	-40 to 53 °C (-40 to 127.4 °F)
RATINGS	IP65, IK08	IP65, IK08
DIMENSION (H x W x D)	174 x 91 x 29 mm (6.85 x 3.58 x 1.14")	174 x 91 x 29 mm (6.85 x 3.58 x 1.14")



# IP & TWO-WIRE MAIN DOOR STATION



	DOOR STATION	TWO-WIRE DOOR STATION
MODEL	DS-KV8413-WME1	DS-KV8103-IME2
MOBILE CALLING	<ul style="list-style-type: none"> <li>• Calls indoor stations</li> <li>• Calls Hik-Connect mobile app via indoor station</li> </ul>	<ul style="list-style-type: none"> <li>• Calls Hik-Connect app via distributor</li> </ul>
CAMERA	2 MP, 129° x 75° FOV, 10 ft IR, WDR	2 MP, 155° FOV, 10 ft IR, True WDR
VIDEO COMPRESSION	H.264	H.264
PHYSICAL BUTTONS	4 with Name Tag	1 with Name Tag
INTERNAL CARD READER	Mifare Card Reader	–
LOCK RELAY	4 Button	1
MAX EXTENSIONS	8 Door Station Extensions	1 Door Station Extension
NETWORK PROTOCOL	10, 100 Mbps TCP/IP, RTSP	10, 100 Mbps TCP/IP, RTSP
NETWORK INTERFACE	RJ45, WiFi (802.11b/g/n)	1x Two-Wire
MODULE I/O	Supports SDHC 128 GB Max	–
TAMPER ALARM	Yes	Yes
SENSOR/ALARM INPUTS	4	2
POWER REQUIREMENTS (MAX)	IEEE802.3af, Standard PoE 12V DC <10 W	Powered by DS-KAD709 (24V DC), ≤12 W
WORKING TEMP.	-40 to 53 °C (-40 to 127.4 °F)	-30 to 60 °C (-22 to 140 °F)
RATINGS	IP65, IK08	UL60950, IP65
DIMENSION (H x W x D)	174 x 91 x 29 mm (6.85 x 3.58 x 1.14")	163 x 104 x 44 mm (6.42 x 4.09 x 1.73")



# IP & TWO-WIRE INDOOR STATION



	TWO-WIRE IP VIDEO INTERCOM INDOOR STATION	IP VIDEO INTERCOM INDOOR STATION	IP VIDEO INTERCOM INDOOR STATION	TWO-WIRE IP VIDEO INTERCOM INDOOR STATION	INTERCOM TABLET <b>DESK STAND INCLUDED</b> (FOR THE DS-K1T671TM-3XF ONLY)
MODEL	DS-KH9510-WTE1	DS-KH8350-WTE1	DS-KH6320-WTE1	DS-KH6320-WTE2	DS-KC001
MOBILE CALLING	<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>	–
DISPLAY	Touchscreen, 10" TFT LCD, 1024x600, Plastic Frame	Touchscreen, 7" TFT LCD, 1024 x 600, Plastic Frame	Touchscreen, 7" TFT LCD, 1024 x 600, Plastic Frame	Touchscreen, 7" TFT LCD, 1024 x 600, Plastic Frame	Touchscreen, 7" TFT LCD, 1024 x 600, Plastic Frame
VIDEO COMPRESSION	H.264	H.264	H.264	H.264	–
PHYSICAL BUTTONS	1 Unlock Button	1 Unlock Button	–	–	–
INTERNAL CARD READER	–	Supports SDHC 32 GB Max	Supports SDHC 32 GB Max	–	–
AUDIO OUTPUT	Microphone/Speaker	–	–	–	–
MAX EXTENSIONS	5 Indoor Extensions	5 Indoor Extensions	5 Indoor Extensions	5 Indoor Extensions	–
NETWORK PROTOCOL	10/100 Mbps TCP/IP, RTSP	10, 100 Mbps TCP/IP, RTSP	10, 100 Mbps TCP/IP, RTSP	10, 100 Mbps TCP/IP, RTSP	10, 100 Mbps TCP/IP
NETWORK INTERFACE	RJ45, Wi-Fi (802.11b/g/n)	RJ45, Wi-Fi (802.11b/g/n)	RJ45, Wi-Fi (802.11b/g/n)	Two-Wire, Wi-Fi (802.11b/g/n)	RJ45, Wi-Fi (802.11b/g/n)
MICRO SD CARD SLOT	Supports SDHC 32 GB Max.	–	–	Supports SDHC 32 GB Max	Built-In 32 GB MicroSD Card
SENSOR/ALARM INPUTS	8	8	8	8	–
AUDIO OUTPUT	–	Microphone/Speaker	Microphone/Speaker	–	–
POWER REQUIREMENTS (MAX)	12 VDC, PoE (802.3af), ≤8 W	12V DC, PoE (802.3af), ≤7 W	12V DC, PoE (802.3af), ≤7 W	Two-Wire ≤6 W	12V DC ≤5 W (Power Supply Included)
WORKING TEMPERATURE	-10 to 50 °C (14 to 122 °F)	-10 to 55 °C (14 to 131 °F)	-10 to 55 °C (14 to 131 °F)	-10 to 55 °C (14 to 131 °F)	-10° to 50° C (14° to 122° F)
RATINGS	–	–	–	–	–
DIMENSION (H x W x D)	140x180x22.4 mm (5.51x7.09x0.88 in)	140 x 180 x 22.4 mm (5.51 x 7.09 x 0.88")	200 x 140 x 15.1 mm (7.9 x 5.5 x 0.6")	200 x 140 x 15.1 mm (7.9 x 5.5 x 0.6")	200 x 140 x 15.5 mm (7.9 x 5.5 x 0.6")

# INTERCOM MODULE, POWER DISTRIBUTOR & BRACKETS



	NAME TAG MODULE	KEYPAD MODULE	CARD READER MODULE	DISPLAY MODULE	BLANK MODULE
MODEL	DS-KD-KK	DS-KD-KP	DS-KD-M	DS-KD-DIS	DS-KD-BK
HOW TO BUILD YOUR INTERCOM	<ul style="list-style-type: none"> <li>• Select up to 8 of these modules if not includes display modules</li> <li>• Select up to 5 of these modules if includes display modules</li> </ul>				
CALL BUTTONS	6 with Name Tag	Dial Up to 500 Room Numbers	–	Dial Up to 500 Room Numbers	–
KEYPAD	–	Yes (Calling & Code Access)	–	–	–
INTERNAL CARD READER	–	–	Mifare Card Reader	–	–
MODULE I/O	2	2	2	2	-
POWER REQUIREMENTS (MAX)	Powered by Main Module, ≤2 W	Powered by Main Module, ≤2 W	Powered by Main Module, ≤2 W	Powered by Main Module, ≤3 W	–
WORKING TEMPERATURE	-40 to 55 °C (-40 to 131 °F)	-40 to 55 °C (-40 to 131 °F)	-40 to 55 °C (-40 to 131 °F)	-20 to 60 °C (-40 to 140 °F)	–
RATINGS	IP65	IP65, IK7	IP65	IP65	IP65
DIMENSION (H x W x D)	98.2 x 100.2 x 33.7 mm (3.87 x 3.95 x 1.33")	98.5 x 100 x 34.2 mm (3.88 x 3.94 x 1.35")	98.5 x 100 x 33.7 mm (3.88 x 3.94 x 1.33")	98.5 x 100 x 34.2 mm (3.87 x 3.95 x 1.33")	98.5 x 100 x 33.7 mm (3.87 x 3.95 x 1.33")

IP VIDEO INTERCOM SOLUTIONS



SURFACE MOUNT BRACKETS



FLUSH MOUNT BRACKETS



FLUSH MOUNT BRACKETS

	SURFACE MOUNT BRACKETS	FLUSH MOUNT BRACKETS	FLUSH MOUNT BRACKETS
MODEL	DS-KD-ACW1 DS-KD-ACW2 DS-KD-ACW3	DS-KD-ACF2 DS-KD-ACF3	DS-KD-ACF1/Plastic DS-KD-ACF2/Plastic DS-KD-ACF3/Plastic
HOW TO BUILD YOUR INTERCOM	<ul style="list-style-type: none"> <li>• Select surface or flush mount brackets to house the number of modules you selected.</li> <li>• Multiple brackets can be mounted adjacently.</li> </ul>		
WORKING TEMPERATURE	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
DIMENSION (H x W x D)	117 x 107 x 32.7 mm (4.61 x 4.21 x 1.29") 219 x 107 x 32.7 mm (8.62 x 4.21 x 1.29") 321 x 107 x 32.7 mm (12.6 x 4.21 x 1.29")	219 x 107 x 32.7 mm (8.62 x 4.21 x 1.29") 320.8 x 107 x 32.7 mm (12.6 x 4.21 x 1.29")	134 x 134 x 56 mm (5.28 x 5.31 x 2.2") 237 x 134 x 56 mm (9.33 x 5.27 x 2.2") 338.8 x 134 x 56 mm (13.33 x 5.28 x 2.2")



# INTERCOM MODULE & POWER DISTRIBUTOR & BRACKETS



	INTERCOM DISTRIBUTOR	INTERCOM DISTRIBUTOR EXTENDER	TWO-WIRE IP VIDEO INTERCOM TWO-WIRE AUDIO, VIDEO & POWER DISTRIBUTOR
<b>MODEL</b>	<b>DS-KAD706-P</b>	<b>DS-KAD706-SP</b>	<b>DS-KAD709</b>
<b>MOBILE CALLING</b>	• Relays door station call to Hik-Connect mobile app	• Relays door station call to Hik-Connect mobile app	• Relays door station call to Hik-Connect mobile app
<b>MAX EXTENSIONS</b>	15 DS-KAD706-P Cascade	–	2 Door Stations, 5 Indoor Stations
<b>NETWORK PROTOCOL</b>	10, 100 Mbps TCP/IP, RTSP	10, 100 Mbps TCP/IP, RTSP	10, 100 Mbps TCP/IP
<b>NETWORK INTERFACE</b>	1x RJ45 (1-Ch Reserved Terminal & 1 for WAN Access)	1x RJ45 (1-Ch Reserved Terminal & 1 for WAN Access)	1x RJ45 9x Two-Wire
<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>	24V DC <9 W (Included)	24V DC <7 W (Included)	24V DC, ≤4 W, Includes 24V DC 2.5A DC Adapter
<b>WORKING TEMPERATURE</b>	-10 to 50 °C (14 to 122 °F)	-10 to 50 °C (14 to 122 °F)	-10 to 55 °C (14 to 131 °F)
<b>RATINGS</b>	UL 60950	UL 60950	UL 60950
<b>DIMENSION (H x W x D)</b>	150 x 95 x 67 mm (5.9 x 3.7 x 2.6")	150 x 95 x 67 mm (5.9 x 3.7 x 2.6")	112 x 111 x 66 mm (4.42 x 4.37 x 2.60")



	VIDEO INTERCOM ACCESSORIES SURFACE MOUNT SHIELD	VIDEO INTERCOM ACCESSORIES SURFACE MOUNT SHIELD	VIDEO INTERCOM ACCESSORIES DESKTOP STAND	IP VIDEO INTERCOM IP AUDIO, VIDEO & POWER DISTRIBUTOR
<b>MODEL</b>	<b>DS-KAB02</b>	<b>DS-KAB13-D</b>	<b>DS-KAB21-H</b>	<b>DS-KAD606-P</b>
<b>COMPATIBLE MODELS</b>	DS-KV8102-IM, DS-KV8202-IM, DS-KV8402-IM	DS-KD3002-VM	DS-KH8300-T, DS-KH8301-WT	DS-KV8102-IM, DS-KV8202-IM, DS-KV8402-IM, DS-KH8300-T, DS-KH8301-WT
<b>NOTES</b>	Stainless Steel Protective Shield	Stainless Steel Protective Shield	Stainless Steel Desktop Stand	2x RJ45 (without Power) 6x RJ45 (with 24V DC Power) UL 60950
<b>POWER REQUIREMENTS (MAX)</b>	–	–	–	24V DC, ≤8 W, AC Adapter Included
<b>WORKING TEMPERATURE</b>	-30 to 70 °C (-22 to 158 °F)	-40 to 70 °C (-40 to 158 °F)	-10 to 55 °C (14 to 131 °F)	-10 to 55 °C (14 to 131 °F)
<b>DIMENSION (H x W x D)</b>	193 x 106 x 80 mm (7.60 x 4.17 x 3.15")	360 x 128 x 86 mm (11.17 x 5.04 x 3.39")	131 x 102 x 100 mm (5.16 x 4.02 x 3.94")	176 x 91 x 32 mm (6.93 x 3.58 x 1.26")

# Access Control Solutions

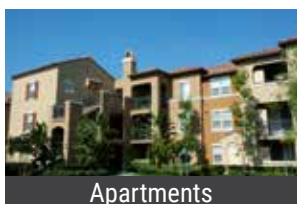


Hikvision access control solutions offer a complete lineup of devices from multi-door control panels and card readers to standalone, fingerprint, video, time and attendance, and temperature screening terminals. These products are compatible with Hikvision's free iVMS-4200 Client Software. Access control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

## FEATURES

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

## APPLICATIONS





# CONTROLLERS



### NETWORK ACCESS CONTROLLER

MODEL	DS-K2602-G DS-K2604-G
UPLINK COMMUNICATION INTERFACE	TCP/IP Network Interface RS-485 Interface
DOWNLINK COMMUNICATION INTERFACE	RS-485 & Wiegand (w26/w34)
STORAGE MAX CARDS NUMBER	100,000
STORAGE MAX EVENTS NUMBER	300,000
ACCESSIBLE CARD READER	4/8 Card Readers (RS485 Interface) 4/4 Card Readers (Wiegand Interface)
INPUT INTERFACE	4/4 Alarm Input 2/4 Door Sensor 2/4 Exit Button 4/8 Case Input 1/1 Tamper Alarm
OUTPUT INTERFACE	2/4 Lock Relay 4/4 Alarm Relay
BUILT-IN POWER SUPPLY	110–220V AC, 8.5 A Max
PANEL POWER INPUT VOLTAGE	12V DC
LOCK OUTPUT	12V DC, 1 A Max Each Lock
WORKING ENVIRONMENT	Indoor



### ACCESS CONTROL KITS

DS-KIT2DRACP
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Includes:  
 1x Network Access Controller (DS-K2602-G)  
 2x Proximity Card Readers (DS-K182HP)  
 1x Proximity Card Pack (DS-K7M151-P)

DS-KIT4DRACP
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Includes:  
 1x Network Access Controller (DS-K2604-G)  
 4x Proximity Card Readers (DS-K182HP)  
 1x Proximity Card Pack (DS-K7M151-P)

# TERMINALS



TOUCHLESS ACCESS CONTROL TERMINAL

TOUCHLESS ACCESS CONTROL FINGERPRINT TERMINAL

**NEW** TOUCHLESS TEMPERATURE SCREENING ACCESS CONTROL TERMINAL

MODEL	DS-K1T671M	DS-K1T671MF	DS-K1T671TM-3XF
CARD READER	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare
TEMPERATURE MEASUREMENT SENSOR	–	–	Vanadium Oxide Uncooled Sensor
TEMPERATURE MEASUREMENT RANGE	–	–	30–45 °C (86–113 °F)
TEMPERATURE MEASURING DISTANCE	–	–	0.3–2.0 m (0.98–6.5 ft)
CARD NUMBER CAPACITY	6,000	6,000	50,000
MAX EVENT CAPACITY	50,000	50,000	100,000
BIOMETRICS	–	Fingerprint	–
FINGERPRINT CAPACITY	–	5,000	–
CAMERA	2 MP Dual-Lens Camera, WDR	2 MP Dual-Lens Camera, WDR	2 MP Dual-Lens Camera, WDR
INPUT INTERFACE	1x Lock Relay	1x Lock Relay	1x Lock Relay
OUTPUT INTERFACE	1x Chime Relay 1x Alarm Output 1x Wiegand	1x Chime Relay 1x Alarm Output 1x Wiegand	1x Alarm Output, 1x Wiegand
COMMUNICATION INTERFACE UPLINK	Wiegand 26/34, RS-485 (Card Reader Mode)	Wiegand 26/34, RS-485 (Card Reader Mode)	Wiegand 26/34, RS-485 (Card Reader Mode)
COMMUNICATION INTERFACE DOWNLINK	Wiegand 26/34, RS-485 (Card Reader Mode)	Wiegand 26/34, RS-485 (Card Reader Mode)	Wiegand 26/34, RS-485 (Card Reader Mode)
DISPLAY SCREEN	7" LCD Touch Screen	7" LCD Touch Screen	7" LCD Touch Screen
LOCAL INPUT	Touchscreen	Touchscreen	Touchscreen
NETWORK CONNECTIVITY	RJ45	RJ45	RJ45
RATINGS	UL 60950, IP65	UL 60950, IP65	Indoor and Windless Environment Use Only
TAMPERING/DURESS ALARM	Yes	Yes	Yes
WORKING TEMPERATURE	-30 to 60° C (-22 to 140° F)	-30 to 60° C (-22 to 140° F)	0–50 °C (32–122 °F) For Temperature Measurement: 10–35 °C (50–95 °F)
POWER REQUIREMENTS (MAX)	12V DC/3 A (Power Adapter Sold Separately)	12V DC/3 A (Power Adapter Sold Separately)	12V DC/3 A (Power Adapter Sold Separately)
ACCESSORIES	DS-KAB671-S, DS-KAB671-B, DS-KAB6-BASE, DS-KP12V-3A Power Adapter	DS-KAB671-S, DS-KAB671-B, DS-KAB6-BASE, DS-KP12V-3A Power Adapter	DS-KAB671-B, DS-KAB6-BASE, DS-DM0701BL, DS-KP12V-3A Power Adapter



# TERMINALS



	FINGERPRINT TERMINAL	VIDEO INTERCOM TERMINAL	VIDEO INTERCOM TERMINAL	TIME ATTENDANCE TERMINAL	ACCESS CONTROL TERMINAL
MODEL	DS-K1T201MF	DS-K1T500S	DS-K1T501SF	DS-K1T804MF	DS-K1T606M
CARD READER	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare
CARD NUMBER CAPACITY	100,000	50,000	50,000	3,000	50,000
MAX EVENT CAPACITY	300,000	200,000	200,000	100,000	100,000
BIOMETRICS	Face Detection, Fingerprint	N/A	Fingerprint	Fingerprint	–
PHOTO CAPACITY	–	–	–	–	3200
FINGERPRINT CAPACITY	9,500	–	–	3,000	N/A
CAMERA	N/A	2 MP for Intercom & Recording	2 MP for Intercom & Recording	–	–
SUPPORT SD CARD	Max 32G	Max 128 G	Max 128 G	–	–
INPUT INTERFACE	1x Exit Button 1x Door Sensor 2x Alarm	1x Door Magnetic Sensor 1x Alarm 2x Input 1x Tamper Alarm 1x Exit Button	1x Door Magnetic Sensor 1x Alarm 2x Input 1x Tamper Alarm 1x Exit Button	1x Exit Button 1x Door Sensor 1x Alarm Input	1x Exit Button 1x Door Sensor 1x Alarm Input
OUTPUT INTERFACE	1x Lock Relay 1x Chime Relay	1x Lock Relay 1x Chime Relay	1x Lock Relay 1x Chime Relay	1x Lock Relay 1x Chime Relay 1x Alarm Output	1x Lock Relay 1x Chime Relay 1x Alarm Output
NETWORK CONNECTIVITY	RJ45, Wi-Fi	RJ45, Wi-Fi	RJ45, Wi-Fi	RJ45, Wi-Fi	RJ45, Wi-Fi
COMMUNICATION INTERFACE UPLINK	Wiegand 26/34, RS-485 (Card Reader Mode)	Wiegand 26/34, RS-485 (Card Reader Mode)	Wiegand 26/34, RS-485 (Card Reader Mode)	Wiegand 26/34, RS-485 (Card Reader Mode)	Wiegand 26/34 (Card Reader Mode)
COMMUNICATION INTERFACE DOWNLINK	Wiegand 26/34, RS-485	RS-485	Wiegand 26/34, RS-485	Wiegand 26/34, RS-485	Wiegand 26/34, RS-485
DISPLAY SCREEN	2.8" 320 x 240 TFT LCD	–	–	2.4" 320 x 240 TFT LCD	5" LCD Touch Screen
LOCAL INPUT	Keypad	–	–	Keypad	Touchscreen
AUDIO	Speaker for Voice Prompt	Two-Way Audio	Two-Way Audio	Speaker for Voice Prompt	Speaker for Voice Prompt
RATINGS	UL 60950	UL 60950, IP65	UL 60950, IP65	UL 60950, IP42	UL 60950, IP65
TAMPERING/DURESS ALARM	Yes	No	No	Yes	Yes
WORKING TEMPERATURE	-20 to 65 °C (-4 to 149 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-10 to 55 °C (14 to 131 °F)	-20 to 50 °C (-4 to 122 °F)
POWER REQUIREMENTS (MAX)	12V DC	12V DC, 1 A	12V DC, 1 A	12V DC 12V DC, 2 A	12V DC, 2 A (Centralized Power Supply)
ACCESSORIES	DS-K2M060: Securing Unit	DS-K2M060: Securing Unit	DS-K2M060: Securing Unit	DS-K2M060: Securing Unit	DS-K2M060: Securing Unit



# TERMINAL ACCESSORIES



DS-K1T671X  
FLOOR STAND



DS-K1T671X  
BASE PLATE FOR DS-KAB671-B



DS-K1T671TM-3XF  
DESK STAND



DS-K1T671M(-F)  
PROTECTIVE SHIELD

MODEL	DS-KAB671-B	DS-KAB6-BASE	DS-DM0701BL	DS-KAB671-S
TYPE	Bracket	Base Plate	Bracket	Bracket
MATERIAL	Cold-Rolled Steel Plate (SPCC)	Hot-Rolled Steel Plate (SPHC)	Cold-Rolled Steel Plate (SPCC)	PC
WEIGHT	6.7 kg (14.8 lb)	4,863.5 g (10.7 lb)	2.2 ± 0.5 kg (4.85 ± 1.1 lbs)	172 g (0.4 lb)
DIMENSION (H x W x D)	98.5 x 1342 x 225 mm (3.9 x 52.8 x 8.9")	325 x 325 x 17 mm (12.8 x 12.8 x 0.7")	193 x 353.5 x 195.5 mm (7.6 x 14.3 x 7.7")	135 x 250 x 80 mm (5.3 x 9.8 x 3.1")



# CARD READERS



MIFARE CARD READER

MIFARE CARD READER

MIFARE CARD READER

MODEL	DS-K1102M	DS-K1102MK	DS-K1104M	DS-1104MK	DS-K1107M	DS-K1107MK
CARD TYPE	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare	13.56 MHz Mifare
COMMUNICATION INTERFACE	Wiegand 26/34, RS-485	Wiegand 26/34, RS-485	Wiegand 26/34, RS-485	Wiegand 26/34, RS-485	Wiegand 26/34, RS-485	Wiegand 26/34, RS-485
RS-485 ID SETTINGS	DIP Switch	DIP Switch	DIP Switch	DIP Switch	DIP Switch	DIP Switch
KEYPAD	N/A	Yes	N/A	Yes	N/A	Yes
WORKING TEMPERATURE	-20 to 65 °C (-4 to 149°F)	-20 to 65 °C (-4 to 149°F)	-20 to 65 °C (-4 to 149°F)	-20 to 65 °C (-4 to 149°F)	-20 to 65 °C (-4 to 149°F)	-20 to 65 °C (-4 to 149°F)
PROTECTION LEVEL	UL 60950, IP64	UL 60950, IP64	UL 60950, IP65, IK10	UL 60950, IP65, IK10	UL 60950, IP65	UL 60950, IP65
INSTALLING	Single Gang Box	Single Gang Box	Single Gang Box	Single Gang Box	Mullion	Mullion
POWER SUPPLY	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC



FINGERPRINT CARD READER

PROXIMITY CARD READER

PROXIMITY CARD READER

MODEL	DS-K1201MF	DS-K182HP	DS-K170HPK
CARD TYPE	13.56 MHz Mifare	125 KHz Prox	125 KHz Prox
COMMUNICATION INTERFACE	RS-485	Wiegand 26	Wiegand 26
BIOMETRICS	Fingerprint	-	-
FINGERPRINT CAPACITY	5,000	-	-
RS-485 ID SETTINGS	DIP Switch	-	-
KEYPAD	-	-	Yes
WORKING TEMPERATURE	-40 to 70 °C (-40 to 158°F)	-40 to 65 °C (-40 to 149 °F)	-40 to 65 °C (-40 to 149 °F)
PROTECTION LEVEL	UL 60950, IP65	UL 294 ETL Listed, IP67	UL 294 ETL Listed, IP67
INSTALLING	Single Gang Box	Mullion	Mullion
POWER SUPPLY	12V DC ±10%	5-16V DC	5-16V DC

# ACCESS CONTROL ACCESSORIES



**MIFARE CARD**  
(25-PACK)



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



**PROXIMITY CARD**  
(25-PACK)



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

MODEL	ICS50-25	DS-K7M102-M	DS-K7M151-P	DS-K7M153-P
SENSING FREQUENCY	13.56 MHz	13.56 MHz	125 kHz	125 kHz
CARD FORMAT	Mifare	Mifare	Prox	Prox
WORKING TEMPERATURE	-20 to 75 °C (-4 to 167 °F)	-10 to 50 °C (14 to 122 °F)	-37 to 50 °C (-35 to 122 °F)	-37 to 50 °C (-35 to 122 °F)
DIMENSION	85.5 x 54 x 0.8 mm (3.4 x 2.1 x 0.03")	26 x 50 x 4 mm (1 x 2 x 0.2")	56 x 86 x 1.5 mm (2.2 x 3.4 x 0.06")	30 x 38 x 3.8 mm (1.2 x 1.5 x 0.2")



**MAGNETIC LOCK**

**DS-K4H250D**



**MAGNETIC LOCK**

**DS-K4H250S**



**LZ BRACKET**

**DS-K4H250-LZ**



**U BRACKET**

**DS-K4H250-U**



**ELECTRIC BOLT**

**DS-K4T100**

MODEL	DS-K4H250D	DS-K4H250S	DS-K4H250-LZ	DS-K4H250-U	DS-K4T100
MAXIMUM THRUST	2x 300 kg (660 lb)	300 kg (660 lb)	–	–	800 kg (1,764 lb)
POWER REQUIREMENTS	2x 12V DC, 500 mA 2x 24V DC, 250 mA 12 W	12V DC, 500 mA 24V DC, 250 mA 6 W	–	–	900 mA (Startup Current) 100 mA (Standby)
SIGNAL OUTPUT	Dry Contact Signal Output, Support Maximum Power Rate of 3 A, NO Output While Locking & NC Output While Unlocking	Dry Contact Signal Output, Support Maximum Power Rate of 3 A, NO Output While Locking & NC Output While Unlocking	–	–	Signal Output NC, COM Contact of Door-Status
LED INDICATOR	Red and Green	Red and Green	–	–	–
SUITABLE DOOR	Wooden Door, Glass Door, Metal Door, Fireproof Door	Wooden Door, Glass Door, Metal Door, Fireproof Door	In-Swing Doors	Frameless Glass Door	Wooden Door, Glass Door, Metal Door, Fireproof Door
WORKING TEMPERATURE	-10 to 55 °C (14 to 131 °F)	-10 to 55 °C (14 to 131 °F)	–	–	-10 to 55 °C (14 to 131 °F)
WEIGHT	4.2 kg (9.3 lb)	2.1 kg (4.63 lb)	0.75 kg (1.58 lb)	0.32 kg (0.70 lb)	0.7 kg (1.54 lb)
DIMENSIONS	480 x 49 x 25.5 mm (18.9 x 1.93 x 1.00")	240 x 49 x 25.5 mm (9.45 x 1.93 x 1.00")	<b>L-Bracket:</b> 250 x 47 x 28.5 mm (9.84 x 1.85 x 1.12") <b>Z-Bracket:</b> 180 x 50 x 50 mm (7.09 x 1.97 x 1.97")	180 x 40 x 28 mm (7.09 x 1.57 x 1.10")	<b>Plate:</b> 205 x 35 x 40 mm (8.07 x 1.38 x 1.57") <b>Strike:</b> 90 x 25 x 2 mm (3.54 x 0.98 x 0.07")



# ACCESS CONTROL ACCESSORIES



EXIT BUTTON



EXIT BUTTON

MODEL	DS-K7P02	DS-K7P04
DIMENSION (L x W x H)	90 x 35 x 28.9 mm (3.54 x 1.38 x 1.14")	90 x 35 x 37.7 mm (3.54 x 1.38 x 1.48")
INPUT VOLTAGE	12V DC	12V DC
WORKING CURRENT	20 mA (Standby), 50 mA (Working Current)	20 mA (Standby), 50 mA (Working Current)
CURRENT RATING	3 A @ 36V DC, 0.5 A @ 125V AC	1 A @ 30V DC, 0.5 A @ 125V AC
OUTPUT CONTACT	NO, NC, COM Contact	NO, NC, COM Contact
PANEL	Aluminum Panel	Aluminum Panel
SUITABLE DOORS	-	All Kinds of Narrow Doorframes
WORKING TEMPERATURE	-10 to 55 °C (14 to 131°F)	-20 to 50 °C (-4 to 122°F)
WORKING HUMIDITY	0-95% (Relative Humidity)	0-95% (Relative Humidity)
MAXIMUM INDUCTIVE DISTANCE	-	40-100 mm (1.57-3.94") (Adjustable)
LED INDICATOR STATUS	-	White/Green/Red LED, Indicates Power-Off/Active/Standby
PRODUCT WEIGHT	0.2 kg (0.44 lb)	0.12 kg (0.26 lb)



CARD ENROLLMENT



FINGERPRINT ENROLLMENT



TERMINAL SECURING UNIT

MODEL	DS-K1F100-D8E	DS-K1F820-F	MODEL	DS-K2M060
CARD READING FREQUENCY	13.56 MHz & 125 KHz	N/A	FUNCTION	Use with an access control terminal or video door station to securely route wires for the exit button, lock, door sensor, alarm output and secondary card reader from the inside of the building.
SUPPORTED CARD FORMATS	Mifare & EM	N/A	TERMINAL COMMUNICATION INTERFACE	RS-485 with Indicator
INTERFACE	USB 2.0	USB 2.0	INPUT/OUTPUT INTERFACE	1x Exit Button, 1x Lock, 1x Door Sensor, 1x Alarm Out, 1x Wiegand
PLUG & PLAY	Yes (Windows)	Yes (Windows)	SUPPORTED MODELS	DS-KV8102-IM, DS-KV8202-IM, DS-KV8402-IM, DS-KD3002-VM, DS-K1T105M/M-C, DS-K1T201MF/MF-C, DS-K1T500S, DS-K1T501SF, DS-K1T804MF, DS-K1T606M/MF
ENCRYPTION	Yes	Yes	POWER REQUIREMENTS	12V DC
POWER REQUIREMENTS	USB, 200 mA	USB, 200 mA	WORKING TEMPERATURE	-30 to 55 °C (-22 to 131 °F)
WORKING TEMPERATURE	-20 to 65 °C (4 to 149 °F)	-30 to 70 °C (-22 to 158 °F)	RATINGS	FCC, CE, UL 60950
RATINGS	UL 60950	UL 60950	DIMENSIONS	115 x 48 x 25 mm (4.53 x 1.89 x 0.98")
DIMENSIONS	117 x 67.5 x 14.3 mm (4.61 x 2.66 x 0.56")	100 x 48.5 x 35 mm (3.94 x 1.89 x 1.38")		

# Metal Detector with Mask Detection

Hikvision's Walkthrough Metal Detector with Mask Detection uses Deep Learning Algorithm to perform safe, contactless mask detection for employees, staff and visitors, while scanning for prohibited items.

The ISD-SMG318LT-D equipped with a turret camera is capable of detecting mask at a safe distance. Built-in LEDs are on both metal detector sides, and an audible alert sounds when prohibited object is detected.

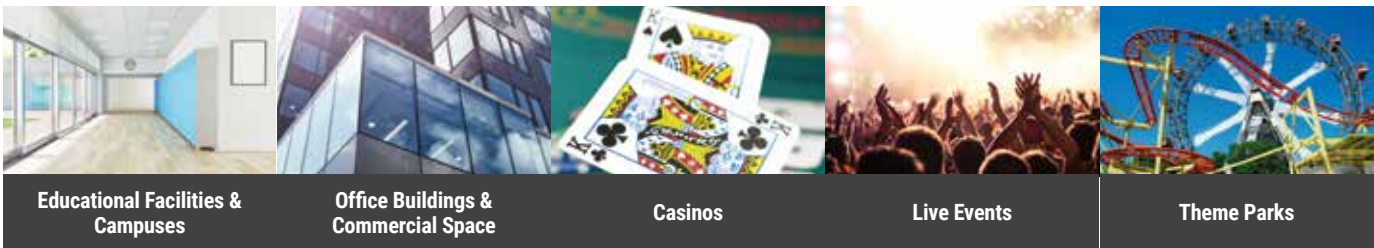
## FEATURES

- LEDs on detector sides for enhanced detection of prohibited objects
- 7-inch LCD touch screen indicates real-time and historical temperature readings history, number of people passed through and prohibited items detected
- Highly Accurate: Can detect objects as small as a paper clip
- Middle Detector Section Accuracy: Exclude items like belt buckles while identifying copper, aluminum, and zinc (over 0.33 lbs.), including items such as knives and guns
- Indicates the area of the body where metal is detected (18 areas)
- Triggers LEDs and voice prompt when abnormal temperature is detected
- Modularized components for easy transportation and installation



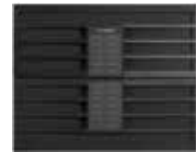
MODEL	ISD-SMG318LT-D
CAMERA	<b>Optical:</b> 4 MP 2688 x 1520 @ 25 fps, WDR, 4 mm <b>Thermal:</b> 160 x 120, 3 mm, Aperture 1.1
INPUT INTERFACE	1x Alarm Input 1x Audio Input
OUTPUT INTERFACE	1x Alarm Output 1x Audio Output
PROTECTION LEVEL	RJ45
DISPLAY SCREEN	7" LCD Touch Screen
LOCAL INPUT	Touchscreen
AUDIO	RJ45
RATINGS	<b>Turret Camera:</b> IP66 <b>Walk-Through Detector:</b> IP53 IC, CE, FCC, UL
WORKING TEMPERATURE	<b>Turret camera:</b> 10° to 35° C (50° to 95° F), <95% RH <b>Walk-through detector:</b> -10° to 55° C (14° to 131° F), 99%, RH
POWER REQUIREMENTS (MAX)	12 VDC, 3.15A, 36 W (with power adapter)

## APPLICATION EXAMPLES





# VIDEO WALL CONTROLLER



VIDEO WALL CONTROLLER

VIDEO WALL CONTROLLER

VIDEO WALL CONTROLLER

MODEL	DS-C10S-S09T	DS-C10S-S11T	DS-C10S-S22T
SLOT NUMBER	9 (6x Input, 3x Output)	11 (6x Input, 5x Output)	22 (12x Input, 10x Output)
NETWORK	10 M, 100 M, 1000 M Self-Adaptive Ethernet Interface USB Interface 1x USB 2.0 (Reserved)	10 M, 100 M, 1000 M Self-Adaptive Ethernet Interface USB Interface 1x USB 2.0 (Reserved)	10 M, 100 M, 1000 M Self-Adaptive Ethernet Interface USB Interface 1x USB 2.0 (Reserved)
USB	1x USB 2.0 (Reserved)	1x USB 2.0 (Reserved)	1x USB 2.0 (Reserved)
RS-232	2	2	2
DECODING PERFORMANCE	2-Ch @ 8 MP (Low Frame Rate) 2-Ch @ 6 MP 2-Ch @ 5 MP 8-Ch @ 1080p 16-Ch @ 720p 32-Ch @ D1	2-Ch @ 8 MP (Low Frame Rate) 2-Ch @ 6 MP 2-Ch @ 5 MP 8-Ch @ 1080p 16-Ch @ 720p 32-Ch @ D1	2-Ch @ 8 MP (Low Frame Rate) 2-Ch @ 6 MP 2-Ch @ 5 MP 8-Ch @ 1080p 16-Ch @ 720p 32-Ch @ D1
INPUT	4x HDMI Interface	4x HDMI Interface	4x HDMI Interface
HDMI OUTPUT RESOLUTION	Only No. 1 & 3 Interfaces Support 3840 x 2160 @ 30 Hz and 4096 x 2160 @ 30 Hz Resolution	Only No. 1 & 3 Interfaces Support 3840 x 2160 @ 30 Hz and 4096 x 2160 @ 30 Hz Resolution	Only No. 1 & 3 Interfaces Support 3840 x 2160 @ 30 Hz and 4096 x 2160 @ 30 Hz Resolution
OUTPUT	4x DVI Interface	4x DVI Interface	4x DVI Interface
MAX DVI OUTPUT RESOLUTION	1080p @ 60 Hz	1080p @ 60 Hz	1080p @ 60 Hz
OUTPUT	4x HDMI Interface	4x HDMI Interface	4x HDMI Interface
MAX DVI OUTPUT RESOLUTION	1080p, 60 Hz	1080p, 60 Hz	1080p, 60 Hz
POWER SUPPLY	100–240V AC, 50/60 Hz A Build-In Power Supply	100–240V AC, 50/60 Hz A Build-In Power Supply	100–240V AC, 50/60 Hz Build-In Redundant Power Supply
CONSUMPTION	≤250 W (Full-Loaded)	≤250 W (Full-Loaded)	≤450 W (Full-Loaded)
WORKING TEMPERATURE	0–50 °C (32–122 °F)	0–50 °C (32–122 °F)	0–50 °C (32–122 °F)
WORKING HUMIDITY	10–90% (Non-Condensing)	10–90% (Non-Condensing)	10–90% (Non-Condensing)
CHASSIS	Standard 4U Chassis	Standard 4U Chassis	Standard 8U Chassis
DIMENSION (D x H x W)	352 x 177 x 442.4 mm (13.9 x 7 x 17.4")	352 x 177 x 442.4 mm (13.9 x 7 x 17.4")	352 x 354 x 442.4 mm (13.9 x 13.9 x 17.4")
WEIGHT	≤20 kg (Full-Loaded)	≤20 kg (Full-Loaded)	≤35 kg (Full-Loaded)

ACCESSORIES

# TVI ACCESSORIES & HARD DRIVES



	KEYBOARD	KEYBOARD	KEYBOARD	KEYBOARD	KEYBOARD
MODEL	DS-1005KI	DS-1006KI	DS-1600KI	DS-1200KI	DS-1100KI
RS-485	No	Yes	No	Yes	Yes
USB	Yes	Yes	Yes	Yes	Yes
INTERFACE PORT	USB 2.0	RS-232, RS-422, RS-485, USB 2.0	Network, WiFi, 2x USB 2.0	Network, RS-232, RS-422, RS-485, USB 2.0	Network, RS-232, RS-485, USB 2.0
CONTROL	Serial	Serial	Network, WiFi	Serial/Network	Network
AUDIO	N/A	N/A	1-Ch Two-Way Audio Input, 1-Ch Audio Output	N/A	1-Ch Line In, 1-Ch Audio Out
DECODING	N/A	N/A	Local Live View at 1080P, 720P, HD1, BCIF, CIF, QCIF Resolution, and Up to 16-Division Window Display	N/A	1-Ch @ 1080p
LCD SCREEN	N/A	128 x 64 Pixel	10.1" TFT LCD Touch Screen 1024 x 600 Pixel	128 x 64 Pixel	7" TFT LCD Touch Screen 800 x 480 Pixel
JOYSTICK	3-Axis	4-Axis	4-Axis	4-Axis	4-Axis
RESOLUTION	N/A	N/A	N/A	N/A	1920 x 1080
NETWORK	N/A	N/A	10 M, 100 M, 1000 M Adaptive Ethernet Port	10 M, 100 M Self-Adaptive Ethernet Interface	10 M, 100 M, 1000 M Ethernet Interface
POWER REQUIREMENTS	5V DC Via USB (≤5 W)	12V DC (≤4.5 W)	12V DC, POE (≤15 W)	12V DC (≤4.5 W)	12V DC (≤15 W)

ACCESSORIES



	DVD-RW	HD-TVI MONITOR	HD-TVI CONVERTER	BALUN
MODEL	HIK-DVDRW	DS-TT-X41T	DS-1H33	DS-1H18
INTERFACE	DVD-RW Option for NVR & DVR	–	–	–
DESCRIPTION	–	Multifunction Video Tester: Test a Variety of Video Signals, Including TurboHD, HDMI, CVBS and VGA	Converter from HD-TVI Video Signal to HDMI Signal	Unshielded Twisted Pair (UTP) Baluns

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



# MICRO SD CARDS



## SURVEILLANCE MICROSD

MODEL	HS-TF-L2/64G/P HS-TF-L2/128G/P HS-TF-L2/256G/P
CAPACITY	64, 128, 256 GB
NAND FLASH	TLC (Triple-Level Cell)
FORM FACTOR	Micro SDHC
READ SPEED	95 MB/s
WRITE SPEED	40, 50, 55 MB/s
OPERATING TEMPERATURE	0-70 °C (32-158 °F)
WARRANTY (YEAR)	2
SURVEILLANCE WARRANTY	Yes
PRODUCT HIGHLIGHT	<ul style="list-style-type: none"> <li>• High Cost Performance</li> <li>• High Compatibility</li> <li>• Ultra-Strong Adaptability</li> </ul>



## STORAGE EXPANSION

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



# STORAGE & AUDIO



MICROPHONE



MICROPHONE

MODEL	DS-2FP2020	DS-2FP4021-B
TYPE	HiFi Microphone	Digital Noise Reduction Microphone
FREQUENCY RESPONSE	20 Hz~20 KHz	100 Hz~16 KHz
PICKUP RANGE/DIRECTION	70 m <sup>2</sup> / 360°	60 m <sup>2</sup> / 360°
SIGNAL: NOISE	60 dB	75 dB
DYNAMIC RANGE	70 dB	85 dB
OUTPUT IMPEDANCE	600 Ω Unbalanced	600 Ω Unbalanced
CONNECTIONS	3 Wires (Power, Audio Out, GND)	3 Wires (Power, Audio Out, GND)
CONSTRUCTION	PVC	Aluminum Alloy
DIMENSIONS	Φ78 x 28 mm	Φ64 x 20 mm
POWER REQUIREMENTS (MAX)	12 V DC, 25 mA	12 V DC, 45 mA



STORAGE PRODUCTS



STORAGE PRODUCTS



STORAGE PRODUCTS

MODEL	DS-A81016S	DS-A82024D	DS-A80624S
CONTROLLER/PROCESSOR	Single, 64-bit Multi-Core Processor	Double, 64-bit Multi-Core Processor	Single, 64-bit Multi-Core Processor
HIGH-SPEED BUFFER	4-32 GB	8 GB (Extendable to 32 GB)	4-32 GB
VIDEO INPUT/OUTPUT	<b>IPSAN:</b> 180-Ch (2 Mbps) <b>Hybrid SAN:</b> 320-Ch (2 Mbps)	<b>IPSAN:</b> 256-Ch (2 Mbps) <b>CVR:</b> 448-Ch (2 Mbps)	<b>IPSAN:</b> 180-Ch (2 Mbps) <b>Hybrid SAN:</b> 320-Ch (2 Mbps)
HDD SLOT	16	24	24
HDD INTERFACE	SATA/Up to 12 TB	SSD (Optional), SAS/Up to 12 TB	SATA/Up to 12 TB
HOT-SWAP DISK	Supported	Supported	Supported
RAID LEVEL	RAID 0, 1, 3, 5, 6, 10, 50, JBOD, Hot-Spare	RAID 0, 1, 3, 5, 6, 10, 50, JBOD, Hot-Spare	RAID 0, 1, 3, 5, 6, 10, 50, VRAID, JBOD, Hot-Spare
DATA PROTECTION	Real-Time Backup of System Information	Real-Time Backup of System Information	Real-Time Backup of System Information, LUN Clone
NETWORK PROTOCOL	RTSP, ONVIF, iSCSI	RTSP, ONVIF, iSCSI	RTSP, ONVIF, iSCSI
EXTERNAL DATA PORT	3x 1000 M Ethernet Interface	4x 1000 M Self-Adaptive Ethernet Interface	3x 1000 M Ethernet Interface
MANAGEMENT PORT	1x 1000 M Ethernet Interface	1x 100 M Self-Adaptive Ethernet Interface	1x 1000 M Ethernet Interface

ACCESSORIES



# CAMERA BRACKETS

ACCESSORIES



PTZ BRACKETS						
BRACKET	WMP-S	WMP-L	WMP-MPZ	CMP	PMP	JBPW-L
DESCRIPTION	Short Wall Mount for 4" PTZ	Wall Mount PTZ-Long	Wall Mount for DS-2DE2Axx Series	Corner Mount Adapter WMP-S & WMP-L	Pole Mount Adapter WMP-S & WMP-L	PTZ Junction Box with Wall Bracket

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



PTZ BRACKETS						
BRACKET	CMP-JB	PMP-JB	PMPL	CMPL	CPM-S	CPM-L
DESCRIPTION	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

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



PTZ BRACKETS						
BRACKET	CPMPE	PMP-V	RPM	JBPW-L-G	CMP-JB-G	PMP-JB-G
DESCRIPTION	Ceiling Pendant Mount, Extension Pipe 1.5" D	Vertical Pole Mount for CPM-S/L	Roof Parapet Mount	PTZ Junction Box with Wall Bracket (Gray)	Corner Mount for JBPW-L-G (Gray)	Pole Mount for JBPW-L-G (Gray)

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



PTZ BRACKETS							
BRACKET	CPM-S-G	CPM-L-G	CPMPE-G	PMP-V-G	RPM-G	WBPT-S	WBPT
DESCRIPTION	Short Ceiling Pendant Mount (Gray)	Long Ceiling Pendant Mount (Long)	Ceiling Pendant Mount, Extension Pipe 1.5" D (Gray)	Vertical Pole Mount for CPM-S/L (Gray)	Roof Parapet Mount (Gray)	Wall Mount for DS-2DY9xxx Series Upright PTZs	Wall Mount for DS-2DY5223IW-AE Upright PTZ

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



STAINLESS STEEL BRACKETS					
BRACKET	WMP-SS	CPM-SS	WMS-SS	JBM-SS	WB-XC
DESCRIPTION	Pendant Wall Mount for DS-2DT6223-AELY	Pendant Ceiling Mount for DS-2DT6223-AELY	Pendant Wall Mount for DS-2CD6626DS-IZHS	Medium Junction Box	Wall Bracket for XC Series SS Dome



CAMERA HOUSING			
BRACKET	CHB	CHB-HBW	CHB-HB
DESCRIPTION	Camera Housing with Bracket	CHB-HBW (Camera Housing with Bracket, Heater, Blower, Wiper)	CHB-HB (Camera Housing with Bracket, Heater, Blower)

# CAMERA BRACKETS



## BOX CAMERA BRACKETS

BRACKET	WBS	WBL	PP1	PP2
DESCRIPTION	Suitable for Box Camera, Wall Mount	Suitable for Box Camera & Housing, Wall Mount	Pendant Mount Extendable (80") for Box & Fisheye ¼ 20 Mount	Pendant Mount 8" for Box & Fisheye ¼ 20 Mount



## UNIVERSAL BRACKET FOR PENDANT CAPS

BRACKET	CPM	CPME	WMS	WML	RPM
DESCRIPTION	Camera Ceiling Pendant Mount	Camera Ceiling Pendant Mount, Extension Pipe 1" Diameter	Short Wall Mount, Junction Box & Teflon Tape Included	Long Wall Mount, Junction Box & Teflon Tape Included	Roof Parapet Mount



## UNIVERSAL BRACKET FOR WALL MOUNTS

BRACKET	PM	PM1	CM	CM1
DESCRIPTION	Pole Mount Adapter	Pole Mount Adapter	Corner Mount Adapter	Corner Mount Adapter



## SUN/RAIN SHIELD

BRACKET	SRS	SRSM	SRSL
DESCRIPTION	Wall Mount Dome Rain & Sun Protection	Medium – For Outdoor Dome Rain & Sun Protection	Large – For Outdoor Dome Rain & Sun Protection



## CAMERA BRACKETS

BRACKET	PC135	PC135H	PC140	PC140PT	PC155
DESCRIPTION	135 mm Pendant Cap	135 mm Pendant Cap	140 mm Pendant Cap	140 mm Pendant Cap for DS-2DE3304W-DE	155 mm Pendant Cap
COMPATIBLE WITH	WMS and WML	WMS and WML	WMS and WML	WMS and WML	WML

\*Pendant caps are 1.0" thread and come with 1.5" and 0.75" adaptors.



## CAMERA BRACKETS

BRACKET	PC110	PC110T	PC120	PC130	PC130T
DESCRIPTION	110 mm Pendant Cap	110TRS Pendant Cap	120 mm Pendant Cap	130 mm Pendant Cap	130TRL Pendant Cap
COMPATIBLE WITH	WMS and WML	WMS and WML	WMS and WML	WMS and WML	WMS and WML

\*Pendant caps are 1.0" thread and come with 1.5" and 0.75" adaptors.



# CAMERA BRACKETS

ACCESSORIES



CAMERA BRACKETS							
BRACKET	CBXS (White) CBXS (Black)	CBS (White) CBS (Black)	CBM (White) CBM (Black)	CBD-MINI	CBT-1	CB110	CB-130
DESCRIPTION	Conduit Base						



CAMERA BRACKETS							
BRACKET	CB-130T	CB135	CB155	CB140PT	CB165	CB-DE4A	CB-FE
DESCRIPTION	Conduit Base	Conduit Base	Conduit Base	Conduit Base for DS-2DE3304W-DE	Conduit Base	Conduit Box for DE4A Series PTZs	Conduit base for Fisheye



CAMERA BRACKETS							
BRACKET	AB110 (White) AB110B (Black)	AB135 (White) AB135B (Black)	AB165	AB-FE	AB-FE2	AB-FE45	
DESCRIPTION	15° Angled Base	15° Angled Base	15° Angled Base	15° Angled Base for Fisheye	15° Angled Base for Fisheye	45° Angled Base for Fisheye	



CAMERA BRACKETS							
BRACKET	ABS	ABM	CM6810	RCM-1	RCM-2	RCM-3	
DESCRIPTION	15° Angled Base	15° Angled Base	Ceiling Mount	Recessed Ceiling Mount	Recessed Ceiling Mount	Recessed Ceiling Mount	



CAMERA BRACKETS							
BRACKET	RCM-4	RCM-5	RCM-DE4A	WM-C	WM110	WM6810	GP100
DESCRIPTION	Recessed Ceiling Mount for DS-2DE3304W-DE	Recessed Ceiling Mount	Recessed Ceiling Mount for DE4A Series PTZs	Wall Mount Compact	Plastic Wall Mount	Wall Mount for iDS-2CD6810F/C	Single Gang Plate

# BODY WORN PRODUCTS



**BODY WORN CAMERA**

**BODY WORN CAMERA**

BRACKET	DS-MH2311	DS-MH2211
RECORD RESOLUTION	1080p @ 30 fps, 720p @ 30 fps, 720 x 576, 30 fps	1080p @ 30 fps, 720p @ 30 fps, 720 x 576, 30 fps
DISPLAY SCREEN	2.4" TFT LCD	2" TFT LCD
ENCODING FORMAT	H.265, H.264	H.265, H.264
SATELLITE POSITIONING	GPS	GPS
WI-FI	Yes, 802.11b/g/n	Yes, 802.11b/g/n
PICTURE RESOLUTION	30 MP	30 MP
FOV	129°	110°
GEO-TAGGING CAPABILITY	Yes	Yes
LOW LIGHT FUNCTIONALITY (NIGHT RECORDING)	IR Light	IR Light
IP LEVEL	IP67	IP65
BATTERY RUNTIME	7.5 Hours @ 1080p Recording 8 Hours @ 720P Recording	4 Hours @ 1080p Recording 4.5 Hours @ 720P Recording
BATTERY CHARGE TIME FROM EMPTY TO FULL CHARGE	3.5 Hours	2 Hours
INTERNAL DEVICE STORAGE	32 or 64 G	32 or 64 G
TF CARD SLOT	No	No
PRE-RECORD/POST-RECORD	60s	60s
ONE TOUCH RECORD (OR OTHER AUTOMATED RECORD ACTIVATION TRIGGERS) & ALWAYS-ON RECORDING CAPABILITY	Yes	Yes
G-SENSOR	Yes	Yes
RUGGEDIZED DESIGN	Yes	Yes
WORKING TEMPERATURE	-20 to 55 °C (-4 to 131 °F)	-20 to 55 °C (-4 to 131 °F)
CERTIFICATIONS	CE/FCC	CE/FCC
WEIGHT	190 g	127 g



**BWC DOCKING STATION WITH STORAGE**

BRACKET	DS-MH4172I/2T/X2 (For MH2211) DS-MH4172I/2T/X3 (For MH2311)
SUPPORTED BODY CAMERA MODEL	DS-MH2211 (For DS-MH4172I/2T/X2) DS-MH2311 (For DS-MH4172I/2T/X3)
DIMENSIONS	400 x 300 x 110 mm (15.7 x 11.8 x 4.3")
QUANTITY OF CONNECTED BODY CAMERAS	8
SYSTEM INDICATOR	1x Power Indicator, 1x HDD Indicator, 1x Network Connection Indicator, 1x Network Transmission Indicator, 8x Status Indicator
BUTTON	1x Power Switch, 1x Reset Button
CPU	Quad Core CPU
MEMORY	4 GB
HDD	4 x 3.5" HDD
OPERATION SYSTEM	Windows 10, 64-bit
POWER CONSUMPTION	200W
USB INTERFACE	2x USB 3.0 Interface, 2x USB 2.0 Interface
HDMI INTERFACE	2
AUDIO INPUT/OUTPUT	1/1
VGA INTERFACE	1



**DASHBOARD CAMERA**

BRACKET	AE-DN2016-F3
CAMERA RESOLUTION	1080p (1920 x 1080)
VIEW ANGLE	<b>Diagonal:</b> 135°, <b>Horizontal:</b> 115°
RECORDING RESOLUTION	1080p @ 25 fps, 720p @ 25 fps (1080p Default)
VIDEO COMPRESSION	H.264
PICTURE FORMAT	JPEG
OSD OVERLAY	Date, Time
STORAGE	1 TF Card, Up to 128 GB
COMMUNICATION MODULE	WiFi
SENSOR	Built-In G-Sensor
USB PORT	1x USB 2.0
AUDIO	Built-In Mic & Speaker
WORKING TEMPERATURE/HUMIDITY	-10 to 60 °C (14 to 140 °F), Humidity 95% or Less (Non-Condensing)
POWER SUPPLY	5V DC 2A, Max 2 W
CERTIFICATIONS	CE/FCC
DIMENSION	44.5 x 44.5 x 52 mm (1.75 x 1.75 x 2.47")
WEIGHT	Approx. 120 g (0.265 lb)

ACCESSORIES

# Contact

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Thank you for your continued support of our industry-leading video surveillance products.

# PRODUCT CATALOG | FALL 2021

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