



TECHNOLOGY + LINE UP 2025

For the most powerful, scalable video solutions – connect with IDIS





One Solution. One Company.

Network Products

Camera

AI Cameras Dome / Turret / Bullet / PTZ

Standard Cameras Dome / Bullet / Fisheye / PTZ / Box / Specialty Cameras / AV Costar cameras

Network Video Recorder

NVRs

Servers

AI Box

NVR Accessories

External Storage / Switch / Encoders / Decoders

Software Solutions

VMS

IDIS Solution Suite / IDIS Center / IDIS Web

CLOUD

IDIS Cloud Manager

MOBILE SOFTWARE

IDIS Mobile

HD Analog Products

Camera

Dome / Bullet / Modular

DVRs

Network Accessories

Network Keyboard / Transceiver / Long Reach PoE Extender / PoE Injector

Camera Configuration Tree

IDIS NAMING STRUCTURE

Network Video Recorder



- ① Product

DR : NVR
TR : DVR
- ② Series

M : Mobile (Vehicle)
1 : Entry
2 : Quality
4 : Standard
6 : Expert
8 : Flagship
- ③ Generation

1~9
- ④ Channel

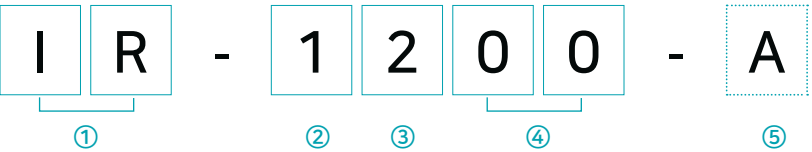
01~99 : 01~99Ch

NVR	
PSE Support	P
Failover	F
Redundant Power	D
Wireless Network	W
Hybrid	H
Compact	C
DVR	
PoC	P
RAID	R
Hybrid	H
Compact	C

⑤ Extension

⑥ Renewal Version

Pre-Installed VMS



- ① Product

IR : Pre-installed VMS
(Installed with IDIS Solution Suite)
- ② Series

1~9
- ③ Generation

0 : Reserved
1~9

④ Channel

⑤ Renewal Version

Network Cameras



① Product DC : IP Camera
TC : Analog Camera

② Camera Type D : Dome, Turret
T : Bullet
B : Box
S : PTZ
Y : Fisheye
V : Covert
Z : Zoom
M : Mobile
G : Parking
TH : Thermal
SP : Specialty

③ Series 1,3 : Legacy Model
2 : IDIS Lite Series Model
4 : Quality Model
6 : Expert Model
8 : Flagship Model

④ Resolution IP Camera, Analog Camera
0 : Lower than 1MP
1~9 : 1MP ~9MP
A~F : 10MP ~ 15MP

IP Camera > Thermal Camera
0 : Lower than CIF
1 : CIF
2 : VGA
3 : 1MP

⑤ Lens 0 : No Lens
1 : Fixed Lens
2 : Vari-focal Lens
3 : Motorized focus Lens 2.8mm ~ 12mm
4 : Motorized focus Lens 9mm ~ 22mm
5 : Motorized focus Lens 20mm ~ 50mm
6 : Zoom Lens x10~x19
7 : Zoom Lens x20~x29
8 : Zoom Lens x30~x39

⑥ Version 0 : Reserved
1~9, A~Z

⑦ Version Extension

IP Camera	
Stainless	S
Weather Proof	W
Vandal Resistance	V
Flush	F
Compact	C
Turret	E
IR LED	R
React Guard	G
Wireless Network	N
PSE Support	P
Modular Jack Type	J
AI Embedded	A

IP Camera > Specialty		
Explosion Proof	EX	
Flame Detection	FL	
Camera Type	Dome	D
	Positioner	P
	Bullet	T
	PTZ	S

Analog Camera	
Stainless	S
Weather Proof	W
Vandal Resistance	V
Flush	F
Compact	C
IR LED	R
PoC	P

⑧ Renewal Version

ABOUT IDIS



IDIS is a global security company that designs and manufactures a comprehensive offering of video surveillance solutions to meet the specific needs of users in virtually every market sector.

IDIS designs, develops, manufactures, and supports its products and software all under one roof. For customers and partners, this means they can build a complete surveillance solution using products that seamlessly integrate from just one vendor. This simplifies the buying chain and provides local sales and technical support from a single vendor. Whether a large corporate enterprise, a retail chain, or single site, IDIS has a surveillance solution that meets the needs of an extensive range of businesses. With a broad range of high- and ultra-definition IP cameras, four to 64 channel NVRs, monitors, network accessories, a choice of VMS, and our DirectCX line-up for customers looking to leverage existing coax cabling, IDIS has a solution that fits.



IDIS specializes in creating, producing, and providing surveillance solutions for commercial and public sector markets.



42th Industrial Revolution Leader Company Sector

IDIS SMART FACTORY

In 2018, IDIS was honored with a presidential citation in the 42nd National Productivity Competition (sponsored by the South Korean Ministry of Trade, Industry and Energy) for the company's custom designed IDIS Smart Factory.



6σ



IDIS Smart Factory Daejeon, South Korea

THE INDUSTRIAL MULTIMEDIA IDIS GROUP



Discover the expanded video technology range, born out of IDIS's acquisition of Costar. Following this exciting merger our combined resources, partner networks, and R&D expertise are delivering even more powerful end-to-end solutions for users globally, including major commercial, small to medium businesses, and critical infrastructure applications.



IDIS AI SOLUTION

IDIS Deep Learning Analytics
(IDLA) Artificial Intelligence
optimized for video surveillance

IDLA represents a new paradigm for video surveillance,
leveraging artificial intelligence and deep learning
algorithms to perform previously labor-intensive tasks
with up to 98% accurate alarms and notifications.





IDIS AI Solutions

Ensure Better Outcomes with
The In-House Developed
IDIS Deep Learning Engine

IDLA's accurate monitoring of images, events, and scenes enables smart searching with high accuracy and outstanding results.





For the most powerful, scalable video solutions

IDIS end-to-end video solutions give systems integrators and end-users everything they need for applications, from independent retail chains to big-box stores, education facilities to campuses, border security to government offices, corporate banking and financial locations to ATM's, logistics and warehousing applications and more.

With over 20 years' proven expertise, IDIS offers an extensive video tech line-up that includes proprietary IP cameras, recorders, and VMS, providing exceptional reliability and high performance with open platform compatibility for seamless integration with other systems.



IDIS Edge AI Camera Plus range features a host of tools that will add efficiency to both real time surveillance operations and footage search & review. For example, powerful real time image cropping functions, IDIS A-Cut Monitoring, along with new IDLA Pro event functions, now make video surveillance more effective than ever. The new advanced functions with IDLA Pro now include crowd detection, abandoned object, removed object, fall detection and violence detection.



Face
(Gender, Age, Hat, Glasses, Mask)

Bag

color

Vehicle
(Car, Truck, Bus, Bike, Etc.)



A Leap Forward in AI Surveillance: IDIS Edge AI Camera Plus



The IDIS Edge AI Camera Plus range offers all the advantages of an intuitive, easy-to-use interface, with functions designed for convenient operation such as automatic image cropping and intuitive attribute search. Customers also have the assurance of seamless integration of all new IDIS technology with IDIS end-to-end solutions, and full compatibility with other products.

Discover Effortless Analysis with Precise and Autonomous AI

Strengthen your security posture by staying ahead of the curve with our future-ready object classification solutions

Object classification

Easy Setup Without Calibration

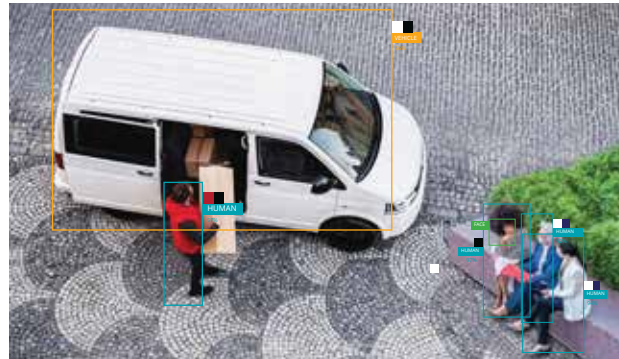
Our AI solutions offer hassle-free setup without the need for calibration. Installers and users benefit from maximum and minimum size settings for objects eliminating adjustments and tuning, enabling convenient and rapid deployment.

Revolutionary Reduction in False Alarms

Experience a significant improvement in false alarms caused by harmless environmental factors such as small animal movements, swaying branches or heavy rain. Our Deep Learning Engine has been in-house trained to minimize false alarms, providing more reliable detection and faster responses.

Improved Light Variation Detection and Low-Light Performance

Say goodbye to change to changing and low-light challenges. Our AI solutions boast enhanced detection capabilities, effectively recognizing variations in light due to changing conditions and improving performance in low-light environments.



Intrusion

Swiftly identifies unauthorized access, ensuring real-time security alerts and rapid response capabilities.



Line Crossing

Instantly detects and alerts to any breach, ensuring vigilant perimeter security with real-time notifications.



Loitering

Enhances security by identifying and responding to prolonged presence in monitored areas, ensuring a proactive approach to security.



Face Detection

Used for various surveillance purposes, self-enrollment for access control, and personalized user experiences without infringing on privacy rights.



Fall Detection

Transform safety in healthcare settings with cutting-edge monitoring alerts to slips, trips and falls ensuring a rapid first aid response.



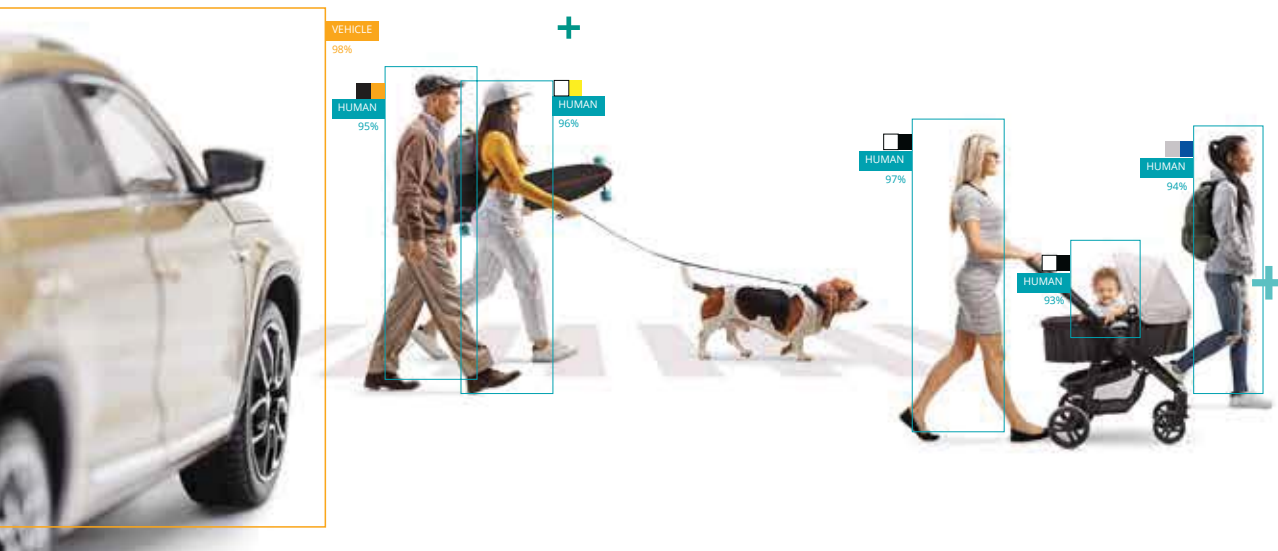
Abandoned Object Detection

Immediate identification and alerts that ensure a proactive response to potential threats, prioritizing safety.

Now Powered by **IDIS** Deep Learning Engine 4.0

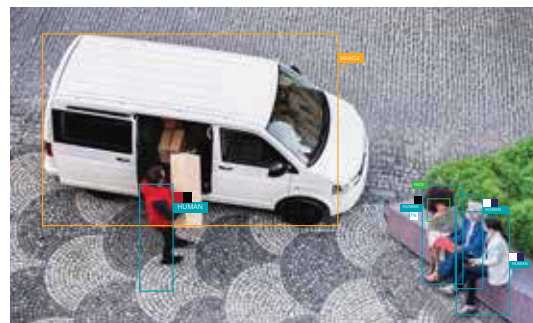
Developed in-house for optimized performance,
efficiency and false alarm reduction

The IDIS Deep Learning Engine is capable of autonomous thinking and decision-making, continuously evolves through learning, creating various artificial intelligence solutions. IDIS has perfected its security-focused artificial intelligence by concentrating over two decades of expertise in video surveillance.



Performance

The IDIS Deep Learning Engine 4.0 engine, developed in-house, boasts an efficient architecture that enables monitoring of up to 128 objects with minimal hardware requirements. Additionally, it has been optimized for security surveillance during development stages, supporting simultaneous CCTV video monitoring with a maximum of 64 video channels. These features make it suitable for a variety of applications, allowing for efficient surveillance monitoring.



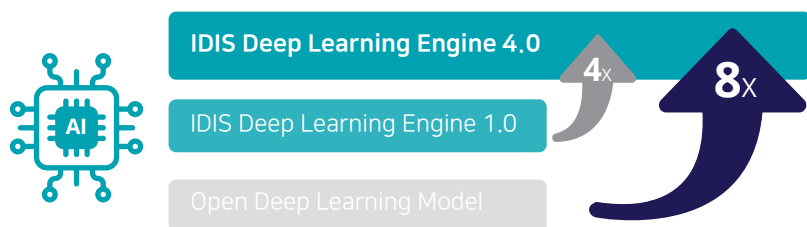
Simultaneous Detection of Multiple Objects



Simultaneous Analysis of up to 64 Channels

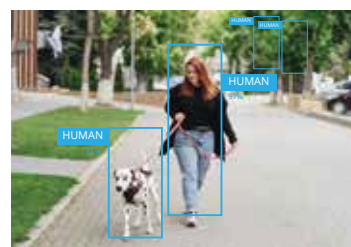
Speed

IDIS Deep Learning Engine 4.0 incorporates new parallel processing algorithms, enabling video analysis at remarkable speeds, up to four times faster than IDIS Deep Learning Engine 1.0 and up to eight times faster than open deep learning models. IDIS Deep Learning Engine continues to push the boundaries of efficiency and is constantly evolving, even at this moment.



Accuracy

Simply having more data does not guarantee more accurate analysis; what matters is the quality of the learning process. IDLE 4.0, trained on 2.5 million environment-optimized CCTV data sets and refined by deep learning experts, achieves surprisingly accurate analysis even in extreme conditions.



Third-Party Open Deep Learning

VS



IDIS Deep Learning Engine

False Alarm Reduction



IDIS Cyber Security

Ensuring information system security
and data confidentiality

More information available at : <https://www.idisglobal.com/index/cybersecurity?lang=EN&country=IDIS>



DirectIP[®] 2.0

Network security through a powerful mutual authentication system

DirectIP[®] is a proprietary mutual authentication system supported by all IDIS IP products. When IDIS IP cameras are connected to an IDIS NVR, both devices mutually authenticate each other automatically through DirectIP[®]. When a DirectIP v2.0 Network camera is paired with a DirectIP v2.0 recorder, they exchange and store certificates, which are subsequently used in authentication processes during communication sessions.

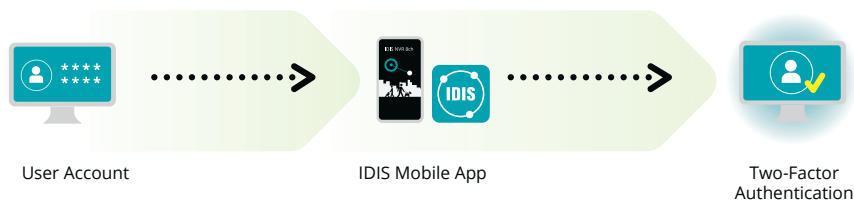
Firewalls On NVRs

IDIS NVR products have their own firewalls installed that uses IP, MAC address, port and ICMP authentication. The firewalls on IDIS NVR products are designed and configured to prevent unauthorized access.



Two-Factor Authentication

The user must be certified by the IDIS Mobile App in addition to going through the usual login process by typing in a user ID and password. All IDIS NVRs safely protect user accounts utilizing Two-Factor Authentication.



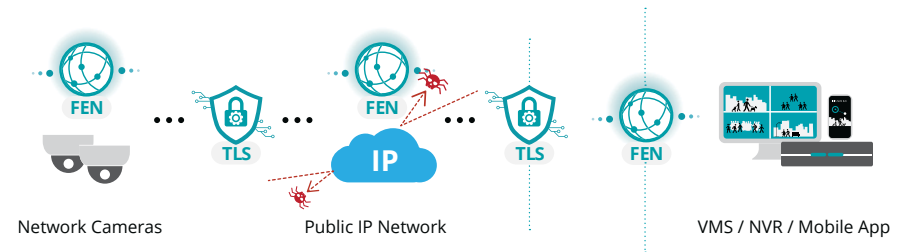
Transport Layer Security (TLS)

Transport Layer Security (TLS) is a cryptographic protocol ensuring communication security and data integrity over networks, preventing malicious activities like data snooping, alteration, or destruction during transmission.



FEN Security

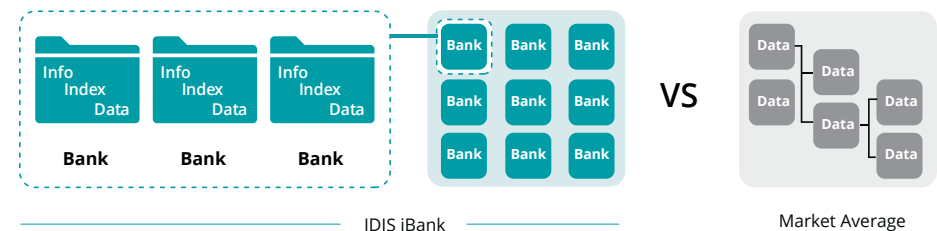
FEN is access and data transmission security system independently developed by IDIS using P2P technology. FEN is an automatic network access system. Expert knowledge of routers or NAT devices isn't needed to set up the system.



iBank

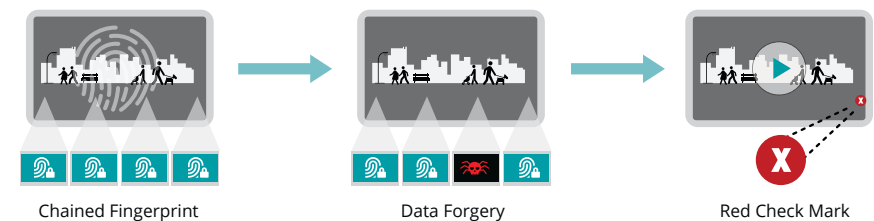
iBANK is IDIS own multimedia file system and database architecture for robust and effective data recording and searching even though multimedia data are overwritten or deleted frequently. Optimized to record and search the multimedia data.

* Patent No.: 10-0440783 (Jul. 2004. KOR)



Chained Fingerprint

Chained Fingerprint extracts unique video features as "Digital Fingerprint" and embeds them into subsequent frames, forming a chain-like blockchain. This technology ensures data integrity, making it suitable for court evidence.



IDIS Intelligent Codec

Delivers up to 90% savings on storage and bandwidth,
providing faster, better searching of clearer images

More information available at : <https://www.idisglobal.com/index/codec?country=IDIS>



Lower your Cost of Ownership

IDIS Intelligent Codec revolutionizes surveillance with faster, smoother searching and clearer images while offering up to 90% savings on storage and bandwidth. IDIS Intelligent Codec delivers up to 30~50% bit rate reduction on top of H.265, achieving a total up to 65~75% reduction for users. Leveraging IDIS motion adaptive transmission (MAT) technology further reduces bit rates during idle surveillance, leading to up to 90% savings compared to H.264, depending on scene complexity and movement.

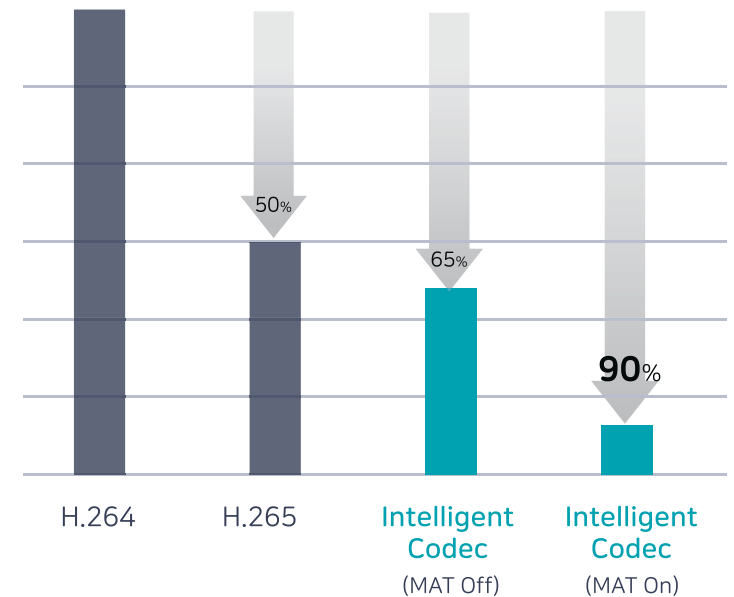


High Quality

with Identical image size to H.264

1/2 Bit Rate

with Identical image quality to H.264



IDIS Critical Failover

Strengthen fault tolerance with multi-layered protection

More information available at : <https://www.idisglobal.com/index/critical?country=IDIS>



Temporary Failover

In Case of an Unstable Network

When the camera's network status is unstable, it starts to save to an internal recording session buffer (NLTSec, up to 60MB). Therefore there is no disruption to the data stream or loss of data.



Smart Failover

In Case of Network Failure

When the NVR and IP camera are disconnected, the camera's SD card instantly begins recording and automatically transfers the data to the NVR after recovery, leaving no incident unrecorded.



Seamless Recording



24 Hours Smart Save

Uninterrupted Minimum 24-Hour Data Retention during Network Failure

SD card will record using the configured recording settings until the card is 50% full, then it will adjust the recording settings to provide as much backup as possible. * SD Card is not included.



Storage Redundancy

In Case of Storage Failure

With native RAID 1 support, the NVR saves two identical copies of the data. So if one disk fails, the data is retrieved from the second one.



NVR Failover

In Case of Hardware failure of the NVR

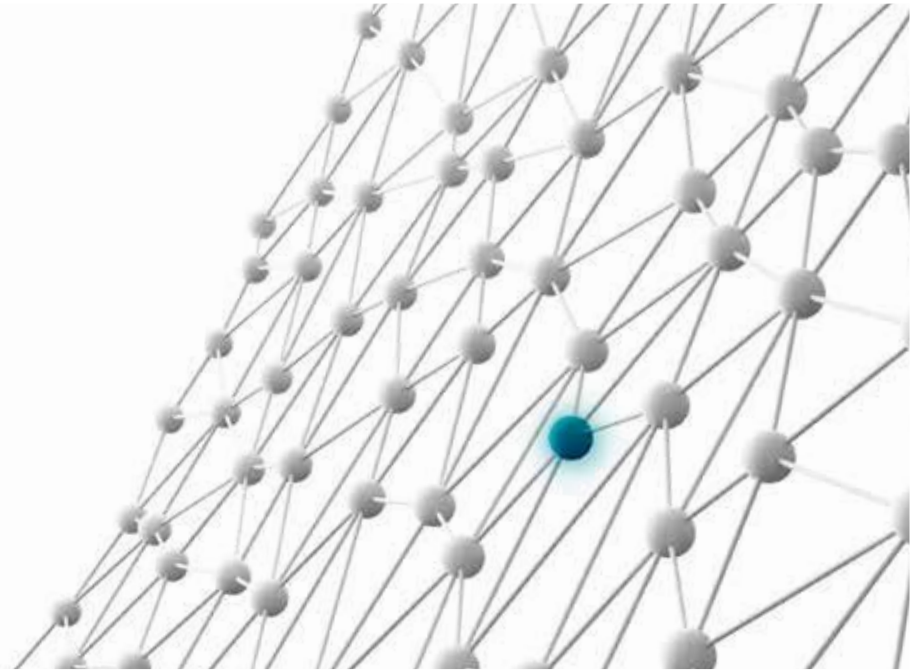
Primary and standby NVRs are monitored constantly. If a primary fails, the standby takes over, minimizing data loss and ensuring swift failover.



Native Dual Power Supply

In Case of Power Supply Failure

When a failed power supply unit (PSU) is replaced, the spare PSU reverts back to redundant operation.



IDIS Smart UX Controls

An innovative user-centric, intuitive interface that revolutionizes PTZ control



More information available at : <https://www.idisglobal.com/index/smartcontrol?country=IDIS>

Groundbreaking Agility, Ease, and Accuracy

To combat the challenges of IP PTZ controls, IDIS has developed the game changing Smart UX Controls software to provide unparalleled accuracy and ease of use featuring intuitive “Slingshot” and “Rubberband” style controls, creating an experience unlike any other available on the market.



Slingshot and Rubberband

These smooth and seamless controls allow users to easily follow moving objects in real-time with ground breaking accuracy by panning images at different speeds and in different directions literally without lifting a finger.





Quick Dewarping

Direct access to fisheye camera dewarping.



Ctrl + Left Click & Hold



Quick Zoom

Direct access to digital zoom



Ctrl + Scroll Up & Down



Quick PTZ

Direct access to IDIS camera Rubberband and Slingshot.



Slingshot

Aim and click any part of the image to quickly view a specific object, person, or area.



Ctrl + Shift + Left Click & Hold



Rubberband

Simply draw a Rubberband anywhere for easy and smooth PTZ control.

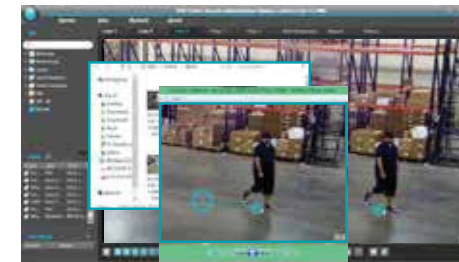


Ctrl + Left Click & Hold



Quick Save

Save the current images in a structured format.



Ctrl + S



Quick Find

Instantly go to the recorded video.



Drag & Drop







A Next-Gen Video Surveillance Solution Based On An IP Framework

DirectIP® is an advanced video solution that seamlessly connects IP cameras, NVRs, and network devices to deliver rich functionality, while eliminating complex configuration.

Model Name	MFZ, 8MP	MFZ, 6MP
	COMING UP SOON DC-D6831WRA  IDIS LightMaster NIR	COMING UP SOON DC-D6631WRA  IDIS LightMaster NIR
Image Sensor	1/1.8" CMOS	1/1.8" CMOS
Max. Resolution	3840 x 2160	3328 x 1872
Lens Type	Motorized Vari-focal	Motorized Vari-focal
Focal Length	4.3 ~ 9.8mm	4.3 ~ 9.8mm
Aperture	F1.6 ~ F2.6	F1.6 ~ F2.6
Iris Control	P-Iris	P-Iris
Angular Field of View	Wide : 110.4°(H) 57.8°(V) 133.8°(D) Tele : 45.0°(H) 25.2°(V) 51.8°(D)	Wide : 110.4°(H) 57.8°(V) 133.8°(D) Tele : 45.0°(H) 25.2°(V) 51.8°(D)
Pan / Tilt Range	Pan: -180° ~ 180°, Tilt: -45° ~ 80°, Rotate: -143° ~ 203°	Pan: -180° ~ 180°, Tilt: -45° ~ 80°, Rotate: -143° ~ 203°
Min. Illumination	COLOR : 0.13 lux @ F1.6, B/W : 0 lux (IR LED On)	COLOR : 0.13 lux @ F1.6, B/W : 0 lux (IR LED On)
Dynamic Range	120dB (True WDR)	120dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	60m / 196.9ft (6ea)	60m / 196.9ft (6ea)
Image Stabilizer	Yes (EIS)	Yes (EIS)
De-fog	TBD	TBD
Video Out	1 CVBS	1 CVBS
Video Compression	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG
Intelligent Video	[A-cut Support] Object Metadata: Human, Vehicle, Face Object Attribute: Human[Gender, Age, Bag, Hat, Colors], Vehicle[Car, Truck, Bus, Bike (Bicycle, Motorcycle), ETC, Colors], Face[Gender, Age, Glasses, Hat, Mask] IDLA: Object Detection, Intrusion, Loitering, Line Crossing, Face Detection IDLA Pro: Crowd Detection, Abandoned Object Detection, Removed Object Detection, Fall Detection, Violence Detection ETC: Video Motion Detection, Active Tampering Alarm	[A-cut Support] Object Metadata: Human, Vehicle, Face Object Attribute: Human[Gender, Age, Bag, Hat, Colors], Vehicle[Car, Truck, Bus, Bike (Bicycle, Motorcycle), ETC, Colors], Face[Gender, Age, Glasses, Hat, Mask] IDLA: Object Detection, Intrusion, Loitering, Line Crossing, Face Detection IDLA Pro: Crowd Detection, Abandoned Object Detection, Removed Object Detection, Fall Detection, Violence Detection ETC: Video Motion Detection, Active Tampering Alarm
Audio Compression	Opus, ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	Opus, ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	30ips : 3840 x 2160(WDR)	30ips : 3328 x 1872(WDR)
Ethernet	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTsrec)	Yes (Up to 60MB)	Yes (Up to 60MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection, Crowd detection, Abandoned object detection, Removed object detection, Fall detection, Violence detection	Motion Detection, Alarm in, Audio detection, Tampering, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection, Crowd detection, Abandoned object detection, Removed object detection, Fall detection, Violence detection
Audio In / Out	1 / 1	1 / 1
Alarm In / Out	1 / 1	1 / 1
Vandal Proof Casing	IK10	IK10
Outdoor Ready	IP67	IP67
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)
Dimensions (W x H x D)	Ø160 x 120mm (Ø6.3" x 4.72")	Ø160 x 120mm (Ø6.3" x 4.72")
Weight	1kg (2.2lb) TBD	1kg (2.2lb) TBD
Power Source	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)
Power Consumption	TBD	TBD

IDIS AI Solutions

Effortless, Precise,
and Intelligent AI Search
with A-Cut in a Single Platform



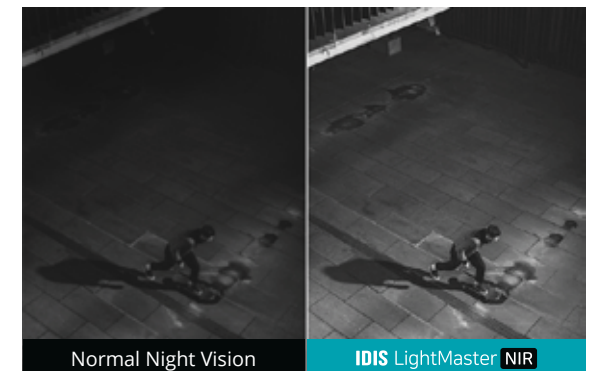
Model Name	MFZ,5MP, AI	
	DC-D4538WRA	DC-D4538RA
	   	   
	IDIS LightMaster NIR	IDIS LightMaster NIR
Image Sensor	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	2592 x 1944	2592 x 1944
Lens Type	Motorized Vari-focal	Motorized Vari-focal
Focal Length	f = 2.7 ~ 13.5 mm	f = 2.7 ~ 13.5 mm
Aperture	F1.4 ~ 3.2	F1.4 ~ 3.2
Iris Control	DC Iris	DC Iris
Angular Field of View	[4:3 mode] Wide : 101.2°(H) 72.5°(V) 137.4°(D) , Tele : 30.4°(H) 22.8°(V) 38°(D) [16:9 mode] Wide : 101.2°(H) 53.3°(V) 121.6°(D) , Tele : 30.4°(H) 17°(V) 34.7°(D)	[4:3 mode] Wide : 101.2°(H) 72.5°(V) 137.4°(D) , Tele : 30.4°(H) 22.8°(V) 38°(D) [16:9 mode] Wide : 101.2°(H) 53.3°(V) 121.6°(D) , Tele : 30.4°(H) 17°(V) 34.7°(D)
Pan / Tilt Range	Pan: -175° ~ 175°, Tilt: 0° ~ 64°, Rotate: -177° ~ 177°	Pan: -175° ~ 175°, Tilt: 0° ~ 64°, Rotate: -177° ~ 177°
Min. Illumination	Color : 0.13 lux @ F1.4, B/W : 0 lux (IR LED On)	Color : 0.13 lux @ F1.4, B/W : 0 lux (IR LED On)
Dynamic Range	120 dB (TrueWDR)	120 dB (TrueWDR)
Day and Night	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	40 m / 131.2 ft (6ea)	40 m / 131.2 ft (6ea)
Image Stabilizer	-	-
De-fog	Yes	Yes
Video Out	-	-
Video Compression	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG
Intelligent Video	Object Metadata: Human, Vehicle, Face IDLA: Object Detection, Intrusion, Loitering, Line Crossing, Face Detection ETC: Video Motion Detection, Active Tampering Alarm	Object Metadata: Human, Vehicle, Face IDLA: Object Detection, Intrusion, Loitering, Line Crossing, Face Detection ETC: Video Motion Detection, Active Tampering Alarm
Audio Compression	Opus, ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	Opus, ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	4:3 mode: 30ips: 2592 x 1944 (WDR), 16:9 mode: 30ips: 2592 x 1456 (WDR)	4:3 mode: 30ips: 2592 x 1944 (WDR), 16:9 mode: 30ips: 2592 x 1456 (WDR)
Ethernet	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTsrec)	Yes (Up to 60 MB)	Yes (Up to 60 MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection	Motion Detection, Alarm in, Audio detection, Tampering, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection
Audio In / Out	1 / 1	1(Built In MIC)+1 / 1
Alarm In / Out	1 / 1	1 / 1
Vandal Proof Casing	IK10	-
Outdoor Ready	IP67, Heater	-
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)	-10°C ~ +50°C (+14°F ~ +122°F) *Starting up at above 0°C (32°F)
Dimensions (W x H x D)	Ø155 x 104.4 mm (Ø6.1" x 4.11")	Ø122 x 103.4mm(Ø4.8" x 4.07")
Weight	1kg (2.2lb)	0.35kg (0.77lb)
Power Source	12VDC, PoE (IEEE 802.3af Class 3) 12V=, 1.1A, 13.2W	12VDC, PoE (IEEE 802.3af Class 3) 12V=, 1A, 12W
Power Consumption	PoE, IEEE 802.3af(Class 3), 10W	PoE, IEEE 802.3af(Class 3), 9.5W

IDIS LightMaster NIR

Advanced Camera Tech for Superior Night-Time Security



IDIS's edge AI cameras, introducing nine new models, including 2MP domes and bullets and 5MP turrets, featuring the latest LightMaster NIR technology for superior night-time vision and true Wide Dynamic Range (WDR).



Model Name	MFZ, 2MP		Fixed Focal, 2MP
	DC-D4238HRA	DC-D4248HRA	DC-D4218WRA2.8/4.0
	    IDIS LightMaster NIR	    IDIS LightMaster NIR	    IDIS LightMaster NIR
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080
Lens Type	Motorized Vari-focal	Motorized Vari-focal	Fixed-focal
Focal Length	f = 2.8 ~ 12mm	f = 7 ~ 22mm	f = 2.8 mm, f = 4.0 mm
Aperture	F1.4 ~ F3.1	F1.4 ~ F2.8	F1.6
Iris Control	DC Iris	DC Iris	Fixed Iris
Angular Field of View	Wide : 105.7°(H), 55.3°(V), 126.4°(D) Tele : 34°(H), 19.1°(V), 39.1°(D)	Wide : 40.5°(H), 22°(V), 47.3°(D) Tele : 16.8°(H), 9.5°(V), 19.3°(D)	105.8°(H), 56.4°(V), 121.2°(D) (f = 2.8 mm) 87.5°(H), 44.4°(V), 104.9°(D) (f = 4.0mm)
Pan / Tilt Range	Pan: -175° ~ 175° Tilt: 0° ~ 64° Rotate: -177° ~ 177°	Pan: -175° ~ 175° Tilt: 0° ~ 64° Rotate: -177° ~ 177°	Pan: -170° ~ 170° Tilt: -5° ~ 67.5° Rotate: -109° ~ 109°
Min. Illumination	Color: 0.1 lux @ F1.4 B/W : 0 lux (IR LED On)	Color: 0.1 lux @ F1.4 B/W : 0 lux (IR LED On)	Color: 0.1 lux @ F1.6 B/W : 0 lux (IR LED On)
Dynamic Range	120dB (True WDR)	120dB (True WDR)	120 dB (TrueWDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	50m / 164 ft (6ea)	50m / 164 ft (6ea)	30 m / 98.4 ft (4 ea)
Image Stabilizer	-	-	-
De-fog	Yes	Yes	Yes
Video Out	-	-	-
Video Compression	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Yes	Yes	Yes
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	60ips : 1920 x 1080 30ips : 1920 x 1080 (WDR)	60ips : 1920 x 1080 30ips : 1920 x 1080 (WDR)	60ips : 1920 x 1080 30ips : 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)
Recording Session Buffer	Yes (Up to 60MB)	Yes (Up to 60MB)	Yes (Up to 60 MB)
Edge Storage	-	-	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection	Motion Detection, Alarm in, Audio detection, Tampering, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection	Motion Detection, Alarm in, Audio detection, Tampering, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection
Audio In / Out	1 / 1	1 / 1	1 / 1
Alarm In / Out	1 / 1	1 / 1	1 / 1
Vandal Resistance	IK10	IK10	IK10
Outdoor Ready	IP67, Heater	IP67, Heater	IP67
Operating Temperature	-40°C ~ +60°C (-40°F ~ +140°F) *Starting up at above -20°C (-4°F)	-40°C ~ +60°C (-40°F ~ +140°F) *Starting up at above -20°C (-4°F)	-30°C ~ +60°C (-22°F ~ +140°F) *Starting up at above 0°C (32°F)
Dimensions (W x H x D)	Ø155 x 104.4mm (Ø6.1" x 4.11")	Ø155 x 104.4mm (Ø6.1" x 4.11")	Ø120 x 92.9 mm (Ø4.72"x 3.65")
Weight	0.985kg (2.17lb)	0.985kg (2.17lb)	0.49kg (1.08lb)
Power Source	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)	PoE (IEEE 802.3 af Class 2)
Power Consumption	12V=, 1.1A, 13.2W PoE (IEEE 802.3af Class 3), 8.3W	12V=, 1.1A, 13.2W PoE (IEEE 802.3af Class 3), 8.3W	PoE (IEEE 802.3 af Class 3), 8W

Model Name	MFZ, 5MP	Fixed Focal, 5MP
	DC-D4532WERA	DC-D4512WERA2.8/4.3
	   	   
Image Sensor	1/2.7" CMOS	1/2.8" CMOS
Max. Resolution	2592 x 1944	2592 x 1944
Lens Type	Motorized Vari-focal	Fixed-focal
Focal Length	f=3.2 ~ 10.5mm	f =2.8mm / 4.3mm
Aperture	F1.6 ~ 3.3	F 2.0 (2.8mm) F 1.6 (4.3mm)
Iris Control	P-Iris	Fixed Iris
Angular Field of View	[4:3 mode] Wide : 98.9°(H) 71.1°(V) 133.8°(D) Tele : 28.2°(H) 21.2°(V) 35.3°(D) [16:9 mode] Wide : 98.9°(H) 52.2°(V) 117.9°(D) Tele : 28.2°(H) 15.9°(V) 32.4°(D)	[2.8mm] 4:3 mode : 104.8°(H) 76.9°(V) 130°(D) 16:9 mode : 104.8°(H) 57.2°(V) 123°(D) [4.3mm] 4:3 mode : 80°(H) 56.7°(V) 106.9°(D) 16:9 mode : 80°(H) 41.1°(V) 95.4°(D)
Min. Illumination	Color: 0.13 lux @ F1.6 B/W : 0 lux (IR LED On)	Color: 0.13 lux @ F2.0, B/W : 0 lux (IR LED On) (2.8mm) Color: 0.13 lux @ F1.6, B/W : 0 lux (IR LED On) (4.3mm)
Dynamic Range	120 dB (True WDR)	120 dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	50m / 164ft (6ea)	30m / 98.4 ft (4ea)
Image Stabilizer	-	-
De-fog	Yes	Yes
Video Out	-	-
Video Compression	H.265, H.264 (MP) M-JPEG	H.265, H.264 (MP) M-JPEG
Intelligent Codec	Supported	Supported
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	4:3 mode : 30ips : 2592 x 1944(WDR) 16:9 mode : 30ips : 2592 x 1456(WDR)	4:3 mode : 30ips : 2592 x 1944(WDR) 16:9 mode : 30ips : 2592 x 1456(WDR)
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTsrec)	Yes (Up to 60 MB)	Yes (Up to 60 MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection	Motion Detection, Alarm in, Audio detection, Tampering, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection
Audio In / Out	1 (Built In MIC) + 1 / 1	1 (Built In MIC) + 1 / 1
Alarm In / Out	1 / 1	1 / 1
Vandal Proof Casing	IK10	IK10
Outdoor Ready	IP67, Heater	IP67
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)
Dimensions (W x H x D)	Ø135 x 98.5mm (Ø5.31" x 3.88")	Ø121 x 78.7mm (Ø4.76" x 3.1")
Weight	830g (1.83lb)	605g (1.3lb)
Power Source	PoE (IEEE 802.3af Class 3)	PoE, (IEEE 802.3af Class 3)
Power Consumption	12V=, 1.1A, 13.2W PoE (IEEE 802.3af Class 3), 11.5W	PoE (IEEE 802.3af Class 3), 7.6W

IDIS LightMaster NIR

IDIS Turret surveillance cameras are equipped with advanced features and cutting-edge technology, providing reliable and accurate monitoring.



This AI-enhanced IDIS turret camera, the DC-D4532WERA, offers exceptional resolution and advanced LightMaster NIR technology, making it a top choice for business security needs.



Model Name	MFZ, 8MP	MFZ, 6MP	MFZ, 5MP
	COMING UP SOON DC-T6831WRA  4K 8MP  	COMING UP SOON DC-T6631WRA  6MP  	DC-T4538WRA  5MP  
Image Sensor	1/1.8" CMOS	1/1.8" CMOS	1/2.8" CMOS
Max. Resolution	3840 x 2160	3328 x 1872	2592 x 1944
Lens Type	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal
Focal Length	4.3 ~ 9.8mm	4.3 ~ 9.8mm	f = 2.7 ~ 13.5mm
Aperture	F1.6 ~ F2.6	F1.6 ~ F2.6	F1.4 ~ F3.2
Iris Control	P-Iris	P-Iris	DC Iris
Angular Field of View	Wide : 110.4°(H) 57.7°(V) 133.8°(D) Tele : 45°(H) 25.2°(V) 51.8°(D)	TBD Wide : 110.4°(H) 57.7°(V) 133.8°(D) Tele : 45°(H) 25.2°(V) 51.8°(D)	[4:3 mode]: Wide : 101.2°(H) 72.6°(V) 137.4°(D) Tele : 30.4°(H) 22.8°(V) 38°(D) [16:9 mode]: Wide : 101.7°(H) 53.3°(V) 121.6°(D) Tele : 30.2°(H) 17°(V) 34.7°(D)
Min. Illumination	COLOR : 0.13 lux @ F1.6, B/W : 0 lux (IR LED On)	COLOR : 0.13 lux @ F1.6, B/W : 0 lux (IR LED On)	COLOR : 0.13 lux @ F1.4, B/W : 0 lux (IR LED On)
Dynamic Range	120dB (True WDR)	120dB (True WDR)	120dB (TrueWDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	60m / 196.9ft (6ea)	60m / 196.9ft (6ea)	40m / 131.2 ft (6ea)
Image Stabilizer	Yes (EIS)	Yes (EIS)	-
Defog	TBD	TBD	Yes
Intelligent Video	[A-cut Support] Object Metadata: Human, Vehicle, Face Object Attribute: Human[Gender, Age, Bag, Hat, Colors], Vehicle[Car, Truck, Bus, Bike(Bicycle, Motorcycle), ETC, Colors], Face[Gender, Age, Glasses, Hat, Mask] IDLA: Object Detection, Intrusion, Loitering, Line Crossing, Face Detection IDLA Pro: Crowd Detection, Abandoned Object Detection, Removed Object Detection, Fall Detection, Violence Detection ETC: Video Motion Detection, Active Tampering Alarm	[A-cut Support] Object Metadata: Human, Vehicle, Face Object Attribute: Human[Gender, Age, Bag, Hat, Colors], Vehicle[Car, Truck, Bus, Bike(Bicycle, Motorcycle), ETC, Colors], Face[Gender, Age, Glasses, Hat, Mask] IDLA: Object Detection, Intrusion, Loitering, Line Crossing, Face Detection IDLA Pro: Crowd Detection, Abandoned Object Detection, Removed Object Detection, Fall Detection, Violence Detection ETC: Video Motion Detection, Active Tampering Alarm	Object Metadata: Human, Vehicle, Face IDLA: Object Detection, Intrusion, Loitering, Line Crossing, Face Detection ETC: Video Motion Detection, Active Tampering Alarm
Video Out	1 CVBS	1 CVBS	-
Video Compression	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP) M-JPEG
Intelligent Codec	Yes	Yes	Yes
Audio Compression	Opus, ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	Opus, ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	30ips : 3840 x 2160(WDR)	30ips : 3328 x 1872(WDR)	4:3 mode : 30ips : 2592 x 1944 (WDR) 16:9 mode : 30ips : 2592 x 1456 (WDR)
Ethernet	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)
Recording Session Buffer	Yes (Up to 60MB)	Yes (Up to 60MB)	Yes (Up to 60MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection, Crowd detection, Abandoned object detection, Removed object detection, Fall detection, Violence detection	Motion Detection, Alarm in, Audio detection, Tampering, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection, Crowd detection, Abandoned object detection, Removed object detection, Fall detection, Violence detection	Motion Detection, Alarm in, Audio detection, Tampering, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection
Audio In / Out	1 / 1	1 / 1	1 / 1
Alarm In / Out	1 / 1	1 / 1	1 / 1
Vandal Resistance	IK10	IK10	IK10
Outdoor Ready	IP67, Heater	IP67, Heater	IP67, Heater
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting Up at Above -20°C (-4°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Starting Up at Above -20°C (-4°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)
Dimensions (W x H x D)	89.3mm X 89.3mm X 311.2mm (3.52" x 3.52" x 12.25")	89.3mm X 89.3mm X 311.2mm (3.52" x 3.52" x 12.25")	89.3mm X 89.3mm X 277.6mm (3.52" x 3.52" x 10.93")
Weight	1.95kg (4.30lb)	1.95kg (4.30lb)	1.293kg (2.85lb)
Power Source	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)	PoE (IEEE 802.3af Class 3)
Power Consumption	TBD	TBD	12V=, 1A, 12W PoE (IEEE 802.3af Class 3), 9.7W

Model Name	MFZ. 2MP		Fixed Focal, 2MP
	DC-T4238HRA	DC-T4248HRA	DC-T4218WRA2.8/4.0
	   IDIS LightMaster NIR	   IDIS LightMaster NIR	   IDIS LightMaster NIR
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080
Lens Type	Motorized Vari-focal	Motorized Vari-focal	Fixed-focal
Focal Length	f =2.8 ~ 12mm	f = 7 ~ 22mm	f = 2.8mm / f = 4.0mm
Aperture	F1.4 ~ F3.1	F1.4 ~ F2.8	F 1.6
Iris Control	DC Iris	DC Iris	Fixed Iris
Angular Field of View	Wide : 105.7°(H) 55.3°(V) 126.4°(D) Tele : 34°(H) 19.1°(V) 39.1°(D)	Wide : 40.5°(H), 22°(V), 47.3°(D) Tele : 16.8°(H), 9.5°(V), 19.3°(D)	105.8°(H),56.4°(V),121.2°(D) (2.8mm) 87.5°(H),44.4°(V),104.9°(D) (4.0mm)
Min. Illumination	Color: 0.1 lux @ F1.4 B/W : 0 lux (IR LED On)	Color: 0.1 lux @ F1.4 B/W : 0 lux (IR LED On)	Color: 0.1 lux @ F1.6 B/W : 0 lux (IR LED On)
Dynamic Range	120dB (TrueWDR)	120dB (TrueWDR)	120dB (TrueWDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	50 m / 164 ft (6 ea)	50 m / 164 ft (6 ea)	30 m / 98.4 ft (4 ea)
Image Stabilizer	-	-	-
De-fog	Yes	Yes	Yes
Video Out	-	-	-
Video Compression	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Yes	Yes	Yes
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	60ips : 1920 x 1080 30ips : 1920 x 1080 (WDR)	60ips : 1920 x 1080 30ips : 1920 x 1080 (WDR)	60ips : 1920 x 1080 30ips : 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSec)	Yes (Up to 60MB)	Yes (Up to 60MB)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection	Motion Detection, Alarm in, Audio detection, Tampering, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection	Motion Detection, Alarm in, Audio detection, Tampering, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection
Audio In / Out	1 / 1	1 / 1	1 / 1
Alarm In / Out	1 / 1	1 / 1	1 / 1
Vandal Resistance	IK 10	IK 10	IK 10
Outdoor Ready	IP67, Heater	IP67, Heater	IP 67
Operating Temperature	-40°C ~ +60°C (-40°F ~ +140°F) *Starting up at above -20°C (-4°F)	-40°C ~ +60°C (-40°F ~ +140°F) *Starting up at above -20°C (-4°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Starting up at above -20°C (-4°F)
Dimensions (W x H x D)	89.3mm X 89.3mm X 277.6mm (3.52" x 3.52" x 10.93")	89.3mm X 89.3mm X 277.6mm (3.52" x 3.52" x 10.93")	81.5mm x 75mm x 200.5mm (3.21" x 2.95" x 7.89")
Weight	1.293kg (2.85lb)	1.293kg (2.85 lb)	0.75kg (1.65 lb)
Power Source	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)	PoE (IEEE 802.3af Class 3)
Power Consumption	12V=, 1.1A, 13.2W PoE (IEEE 802.3af Class 3), 8.3W	12V=, 1.1A, 13.2W PoE (IEEE 802.3af Class 3), 8.3W	PoE (IEEE 802.3af Class 3), 8.2W

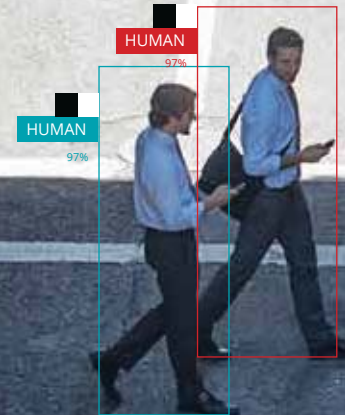
THE ALL-NEW EDGE AI PTZ CAMERA

An AI PTZ That Automatically
Tracks Suspicious Individuals
or Objects

IDIS LightMaster **NIR**

DC-S6481HRA

The IDIS PTZ AI camera features automatic tracking based on pre-set events with the ability to track selected persons of interest or objects, enabling effortless and accurate surveillance operations to proactively strengthen security.





AI+ SPEED DOME CAMERAS

Model Name	AF Zoom, 4MP, 36x
	DC-S6481HRA
	 4MP NDAACOMPLIANTTAAACOMPLIANT IDIS LightMaster NIR
Image Sensor	1/1.8" CMOS
Max. Resolution	2688 X 1520
Lens Type	AF Zoom Lens
Focal Length	f = 6.91 ~ 248.76mm
Aperture	F1.35~F4.6
Iris Control	P-Iris
Angular Field of View	Wide : 61.8°(H), 36.3°(V), 70.3°(D) Tele : 2.4°(H), 1.3°(V), 2.7°(D)
Min. Illumination	Color : 0.06 lux @ F1.35 B/W : 0 lux (IR LED ON)
Dynamic Range	120 dB (TrueWDR)
IR Distance (LEDs)	400 m / 1,312.3ft (2ea)
Image Stabilizer	Yes (EIS)
De-fog	Yes
Intelligent Video	Object Metadata: Human, Vehicle, Face IDLA: Object Detection, Intrusion, Loitering, Line Crossing, Face Detection ETC: Video Motion Detection, Active Tampering Alarm
Video Out	1 Terminal Block
Video Compression	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Yes
Audio Compression	ADPCM 16 K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	30ips : 2688 x 1520(WDR)
Ethernet	RJ 45 (10/100 BASE-T)
Recording Session Buffer (NLTsrec)	Yes (Up to 60 MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection
Audio In / Out	1 / 1
Alarm In / Out	8 / 2
Vandal Proof Casing	IK10
Outdoor Ready	IP66, Heater
Operating Temperature	-40°C ~ +55°C (-40°F ~ +140°F) *Starting Up at Above -20°C (-4°F)
Dimensions (W x H x D)	Ø242mm x 401.8mm (Ø9.52" x 15.82")
Weight	7.2kg (15.87 lbs)
Power Source	24VAC, PoE (IEEE 802.3bt Class 8)
Power Consumption	HEATER/IR OFF 24V~, 1.5A, 27.1W, PoE (IEEE 802.3bt Class 8), 26.4W
	HEATER/IR ON 24V~, 2.8A, 52.9W, PoE (IEEE 802.3bt Class 8), 54.2W

DOME CAMERAS

Model Name	MFZ, 8MP	MFZ, 5MP	MFZ, 5MP
	DC-D4831HRX-W	DC-D4536HRX	DC-D4536RX-W
	   	   	   
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	3840 x 2160	2592 x 1944	2592 x 1944
Lens Type	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal
Focal Length	f = 2.7 - 13.5 mm	f = 3.0 -13.5 mm	f = 3.0 -13.5 mm
Aperture	F1.8 - 3.32	F1.4 - 3.2	F1.4 - 3.2
Iris Control	DC Iris	DC Iris	DC Iris
Angular Field of View	Wide: 110.6° (H) 57.3° (V) 134.1° (D) Tele: 32.6° (H) 18.3° (V) 37.4° (D)	[4:3 mode] Wide : 91°(H) 66°(V) 120°(D) Tele : 31°(H) 23°(V) 38°(D) [16:9 mode] Wide : 91°(H) 49°(V) 107°(D) Tele : 31°(H) 17°(V) 35°(D)	[4:3 mode]e Wide : 91°(H) 66°(V) 120°(D) Tele : 31°(H) 23°(V) 38°(D) [16:9 mode] Wide : 91°(H) 49°(V) 107°(D) Tele : 31°(H) 17°(V) 35°(D)
Pan / Tilt Range	Pan: -175° ~ 175°, Tilt: 0° ~ 64°, Rotate: -177° ~ 177°	Pan: -175° ~ 175°, Tilt: 0° ~ 67°, Rotate: -177° ~ 177°	Pan: -175° ~ 175°, Tilt: 0° ~ 67°, Rotate: -177° ~ 177°
Min. Illumination	Color: 0.2 Lux @ F 1.8, B/W: 0 Lux (IR LED On)	Color: 0.15 Lux @ F1.4, B/W: 0 Lux (IR LED On)	Color: 0.15 Lux @ F1.4, B/W: 0 Lux (IR LED On)
Dynamic Range	120 dB (TrueWDR)	120dB (TrueWDR)	120dB (TrueWDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	40 m / 131.2 ft (6 ea)	30m / 98.4 ft (4ea)	30m / 98.4 ft (4ea)
Image Stabilizer	-	-	-
De-fog	Yes	Yes	Yes
Video Out	-	-	-
Video Compression	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone	Video Motion Detection, Active Tampering Alarm, Trip Zone	Video Motion Detection, Active Tampering Alarm, Trip Zone
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	15ips: 3840 x 2160 (WDR), 30ips: 3840 x 2160	[4:3 mode] 30ips: 2592 x 1944 (WDR) [16:9 mode] 30ips: 2592 x 1456 (WDR)	[4:3 mode] 0ips: 2592 x 1944 (WDR) [16:9 mode] 30ips: 2592 x 1456 (WDR)
Ethernet	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTsrec)	Yes (Up to 60 MB)	Yes (Up to 60MB)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)
Trigger Event	Motion Detection, Alarm In, Audio Detection Tampering, Trip Zone	Motion Detection, Alarm In, Audio Detection Tampering, Trip Zone	Motion Detection, Alarm In, Audio Detection Tampering, Trip Zone
Audio In / Out	1 / 1	1 / 1	1 (Built In MIC) + 1 / 1
Alarm In / Out	1 / 1	1 / 1	1 / 1
Vandal Proof Casing	IK10	IK10	-
Outdoor Ready	IP67, Heater	IP67, Heater	-
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)	-10°C ~ +50°C (+14°F ~ +122°F) *Starting up at above 0°C (32°F)
Dimensions (W x H x D)	Ø155 x 104.4 mm (Ø6.1" x 4.11")	Ø155 mm x 104.4 mm (Ø6.10" x 4.09")	Ø122.4 mm x 103.4 mm (Ø4.8" x 4.5")
Weight	1.02 kg (2.25lb)	1 kg (2.20 lb)	0.4 kg (0.88 lb)
Power Source	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)
Power Consumption	12V=, 1.2A, 14.4W PoE (IEEE 802.3af Class 3), 12.4W	12V=, 1.1A, 13.2W PoE (IEEE 802.3af Class 3), 11W	12V=, 1A, 12W PoE (IEEE 802.3af Class 3), 9.5W

DOME CAMERAS

Model Name	MFZ, 2MP			
	DC-D4236HRX	DC-D4236RX-W	DC-D4246WX	DC-D3233HRXL
	   	   	   	   
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2" CMOS
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Lens Type	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal
Focal Length	f = 2.8 - 12 mm	f = 2.8 - 12 mm	f = 7 ~ 22 mm	f = 4.4 ~ 10mm
Aperture	F1.4 (W) - F2.8 (T)	F1.4 (W) - F2.8 (T)	F 1.4 ~ F 2.8	F1.2 - 1.95
Iris Control	DC Iris	DC Iris	DC Iris	P-Iris
Angular Field of View	Wide : 98°(H), 51°(V), 116°(D), Tele : 33°(H), 19°(V), 38°(D)	Wide : 98°(H), 51°(V), 116°(D) Tele : 33°(H), 19°(V), 38°(D)	Wide : 40.5°(H), 22°(V), 47.3°(D) Tele : 16.8°(H), 9.5°(V), 19.3°(D)	Wide : 91.5°(H), 48.4°(V), 109°(D) Tele : 43.4°(H), 24.2°(V), 49.9°(D)
Pan / Tilt Range	Pan: -175° ~ 175°, Tilt: 0° ~ 67°, Rotate: -177° ~ 177°	Pan: -175° ~ 175°, Tilt: 0° ~ 67°, Rotate: -177° ~ 177°	Pan: -175° ~ 175°, Tilt: 0° ~ 67°, Rotate: -177° ~ 177°	Pan: -176° ~ 176°, Tilt: 0° ~ 66°, Rotate: -90° ~ 90°
Min. Illumination	Color: 0.1 Lux @ F1.4 B/W: 0 Lux (IR LED On)	Color: 0.1 lux @ F1.4 B/W: 0 lux (IR LED On)	Color: 0.1 lux @ F1.4 B/W: 0.01 lux @ F1.4	Color: 0.01 lux @ F1.2 B/W: 0 lux (IR LED On)
Dynamic Range	120dB (TrueWDR)	120dB (TrueWDR)	120 dB (TrueWDR)	120dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	30 m / 98.4 ft (6ea)	30 m / 98.4 ft (6ea)	-	30m / 98.4 ft (6ea)
Image Stabilizer	-	-	-	-
De-fog	Yes	Yes	Yes	Yes
Video Out	-	1 CVBS	-	1 CVBS
Video Compression	H.265, H.264 (MP) M-JPEG	H.265, H.264 (MP) M-JPEG	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone	Video Motion Detection, Active Tampering Alarm, Trip Zone	Video Motion Detection, Active Tampering Alarm, Trip Zone	Video Motion Detection, Active Tampering Alarm, Trip Zone
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	30ips: 1920 x 1080 (WDR)	30ips: 1920 x 1080 (WDR)	30ips: 1920 x 1080 (WDR)	60ips : 1920 x 1080 30ips : 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100/1000BASE-T)
Recording Session Buffer	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)
Trigger Event	Motion Detection, Alarm In, Audio Detection Tampering, Trip Zone	Motion Detection, Alarm In, Audio Detection Tampering, Trip Zone	Motion Detection, Alarm In, Audio Detection Tampering, Trip Zone	Motion Detection, Alarm In, Audio Detection Tampering, Trip Zone
Audio In / Out	1 / 1	1 / 1	1 / 1	1 / 1
Alarm In / Out	1 / 1	1 / 1	1 / 1	1 / 1
Vandal Resistance	IK10	IK10	IK10	IK10
Outdoor Ready	IP67, Heater	IP67, Heater	IP67	IP67, Heater
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting Up at Above -20°C (-4°F)	-10°C ~ +50°C (+14°F ~ +122°F) *Starting up at above 0°C (32°F)	-20°C ~ +55°C (-4°F ~ +131°F) *Starting up at above 0°C (32°F)	-40°C ~ +60°C (-40°F ~ +140°F) *Starting up at above -20°C (-4°F)
Dimensions (W x H x D)	Ø155 x 105 mm (Ø6.1" x 4.13")	Ø122 x 103.4mm (Ø4.8" x 4.07")	Ø155 x 105 mm (Ø6.1" x 4.13")	Ø160 x 128.5mm (Ø6.3" x 5.1")
Weight	0.99 kg (2.18 lb)	0.37 kg (0.81 lb)	0.985kg (2.17lb)	1.21kg (2.67lb)
Power Source	12 VDC, PoE (IEEE 802.3 af Class 3)	12 VDC, PoE (IEEE 802.3 af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)
Power Consumption	12 V=, 0.95 A, 11.4W PoE (IEEE 802.3 af Class 3), 10.3W	12 V=, 0.64 A, 7.7W PoE (IEEE 802.3 af Class 3), 7.6W	12 V=, 0.64 A, 7.7W PoE (IEEE 802.3 af Class 3), 7.8W	12V=, 0.97A, 11.6W PoE (IEEE 802.3af Class 3)

DOME CAMERAS

Model Name	Fixed Focal, 8MP	Fixed Focal, 5MP	Fixed Focal, 5MP, PoE
	DC-D4811WRX3.3	DC-D4516WRX2.8/4.0	DC-D4517RXP2.8-W
	   	   	    IDIS PoE Extender
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	3840 x 2160	2592 x 1944	2592 x 1944
Lens Type	Fixed-focal	Fixed-focal	Fixed-focal
Focal Length	f = 3.3 mm	f = 2.8 mm , 4.0 mm	2.8mm
Aperture	F2.0	[2.8mm] F 2.0, [4.0mm] F 2.15	F 2.0
Iris Control	Fixed Iris	Fixed Iris	Fixed Iris
Angular Field of View	101.3° (H) 54.5°(V) 119.7°(D)	[2.8mm] 4:3 mode : 104.8° (H) 76.9°(V) 130°(D) 16:9 mode : 104.8° (H) 57.1°(V) 122.9°(D) [4.0mm] 4:3 mode : 79.2°(H) 56.6°(V) 103°(D) 16:9 mode : 79.2°(H) 41.4°(V) 95.1°(D)	4:3 mode : 104.8° (H) 76.9°(V) 130°(D) 16:9 mode : 104.8° (H) 57.2°(V) 123°(D)
Pan / Tilt Range	Pan: -170° ~ 170°, Tilt: -5° ~ 67.5°, Rotate: -109° ~ 109°	Pan: -170° ~ 170°, Tilt: -5° ~ 67.5°, Rotate: -109° ~ 109°	Pan: -170° ~ 170°, Tilt: -5° ~ 67.5°, Rotate: -109° ~ 109°
Min. Illumination	Color: 0.2 Lux @ F 2.0 B/W: 0 Lux (IR LED On)	[2.8mm] Color : 0.15 Lux @ F2.0 / B/W : 0 Lux (IR LED On) [4.0mm] Color : 0.15Lux @ F2.15 / B/W : 0 Lux (IR LED On)	Color: 0.15 lux @ F2.0 B/W: 0 lux (IR LED On)
Dynamic Range	120 dB (True WDR)	120dB (TrueWDR)	120 dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	30 m / 98.4 ft (4 ea)	30 m / 98.4 ft (4ea)	20 m / 65.6ft (4 ea)
Image Stabilizer	-	-	-
Defog	Yes	Yes	Yes
Video Out	-	-	-
Video Compression	H.265, H.264 (MP) M-JPEG	H.265, H.264 (MP) M-JPEG	H.265, H.264 (MP), M-JPEG
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone	Video Motion Detection, Active Tampering Alarm, Trip Zone	Video Motion Detection, Active Tampering Alarm, Trip Zone
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	-
Max. Frame Rate	30ips: 3840 x 2160 15ips : 3840 x 2160 (WDR)	4:3 mode: 30ips: 2592 x 1944 (WDR) 16:9 mode: 30ips: 2592 x 1456 (WDR)	4:3 mode: 30 ips: 2592 x 1944 (WDR) 16:9 mode: 30 ips: 2592 x 1456 (WDR)
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	1 RJ45 (10/100BASE-T), 1 Additional RJ45 (10/100BASE-T) for PoE Extender
Recording Session Buffer (NLTSrec)	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60 MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	-
Trigger Event	Motion Detection, Alarm In, Audio Detection, Tampering, Trip Zone	Motion Detection, Alarm In, Audio Detection, Tampering, Trip Zone	Motion Detection, Tampering, Trip Zone
Audio In / Out	1 / 1	1 / 1	-
Alarm In / Out	1 / 1	1 / 1	-
Vandal Resistance	IK10	IK10	-
Outdoor Ready	IP67	IP67	-
Operating Temperature	-20°C ~ +55°C(-22°F ~ +131°F) *Starting up at above 0°C (32°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Starting up at above 0°C (32°F)	-10°C ~ 50°C (14°F ~ 122°F) *Starting up at above 0°C (32°F)
Dimensions (W x H x D)	Ø120.6 x 92.9 mm (Ø4.72" x 3.66")	Ø120.6 mm x 92.9 mm (Ø4.72" x 3.66")	Ø110 x 88mm (Ø4.33" x 3.46")
Weight	0.48 kg (1.06 lb)	0.48 kg (1.06 lb)	0.22kg (0.48lb)
Power Source	PoE (IEEE 802.3af Class 3)	PoE (IEEE 802.3af Class 3)	PoE (IEEE 802.3at Class 4)
Power Consumption	PoE (IEEE 802.3af Class 3), 9.0W	PoE (IEEE 802.3af Class 3), 7.6W	PoE (IEEE 802.3at Class 4), 25.5W (DC OUT : 42.5-57V=, 0.3A MAX)

Model Name	Fixed Focal, 2MP			Fixed Focal, 2MP, Micro Dome
	DC-D4216WRX2.8	DC-D4216RX2.8/4.0	DC-D4216X2.8	DC-D4211CRX2.8-W
				
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Lens Type	Fixed-focal	Fixed-focal	Fixed-focal	Fixed-focal
Focal Length	f = 2.8 mm	f = 2.8 mm, f = 4.0 mm	f = 2.8mm	f = 2.8mm
Aperture	F 2.0	[2.8 mm] F 2.0 , [4.0mm] F1.6	F2.0	F2.0
Iris Control	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris
Angular Field of View	111.6° (H), 61.45° (V), 127.3° (D)	[2.8 mm] 111.6° (H), 61.45° (V), 127.3° (D) [4.0mm] 87.4° (H), 46.9° (V), 103.5° (D)	111.6°(H), 61.45°(V), 127.3°(D)	113.74° (H), 61.5° (V), 134.5° (D)
Pan / Tilt Range	Pan: -170° ~ 170° Tilt: -5° ~ 67.5° Rotate: -109° ~ 109°	Pan: -170° ~ 170° Tilt: -5° ~ 67.5° Rotate: -109° ~ 109°	Pan: -170° ~ 170° Tilt: -5° ~ 67.5° Rotate: -109° ~ 109°	Pan: -170° ~ 170° Tilt: 0° ~ 65° Rotate: -90° ~ 90°
Min. Illumination	Color: 0.1 lux @ F2.0 B/W: 0 lux (IR LED On)	Color: 0.1 lux @ F2.0 B/W: 0 lux (IR LED On)	Color: 0.1 lux @ F2.0 B/W: 0.01 lux	Color: 0.1 lux @ F2.0 B/W: 0 lux (IR LED On)
Dynamic Range	120 dB (TrueWDR)	120 dB (TrueWDR)	120dB (True WDR)	120dB (TrueWDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	30 m / 98.4 ft (4 ea)	30m / 98.4 ft (4ea)	-	15m / 49.2 ft (1 ea)
Image Stabilizer	-	-	-	-
De-fog	Yes	Yes	-	-
Video Out	-	-	-	-
Video Compression	H.265, H.264 (MP) M-JPEG	H.265, H.264 (MP) M-JPEG	H.265, H.264 (MP) M-JPEG	H.265, H.264 (MP) M-JPEG
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone	Video Motion Detection, Active Tampering Alarm, Trip Zone	Video Motion Detection, Active Tampering Alarm, Trip Zone	Video Motion Detection, Active Tampering Alarm, Trip Zone
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	-
Max. Frame Rate	30 ips: 1920 x 1080 (WDR)	30 ips: 1920 x 1080 (WDR)	30ips : 1920 x 1080 (WDR)	30ips: 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTsrec)	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60MB)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)	-
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone	Motion Detection, Tampering, Trip Zone
Audio In / Out	1 / 1	1 (Built In MIC)+1 / 1	1 (Built In MIC) + 1 / 1	-
Alarm In / Out	1 / 1	1 / 1	1 / 1	-
Vandal Proof Casing	IK10	-	-	-
Outdoor Ready	IP67	-	-	-
Operating Temperature	-20°C ~ +55°C (-4°F ~ +131°F) *Starting up at above 0°C (32°F)	-10°C ~ +50°C (+14°F ~ +122°F) *Starting up at above 0°C (32°F)	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)
Dimensions (W x H x D)	Ø120 x 92.9 mm (Ø4.72" x 3.65")	Ø110 x 88mm (Ø4.33" x 3.46")	Ø110 x 88mm (Ø4.33" x 3.46")	Ø86mm x 59mm (Ø3.39" x 2.32")
Weight	0.465 Kg (1.02 lb)	0.26kg (0.57lb)	0.245kg(0.54lb)	0.10kg (0.1lb)
Power Source	PoE (IEEE 802.3 af Class 2)	PoE (IEEE 802.3af Class 2)	PoE (IEEE 802.3af Class 2)	PoE (IEEE 802.3af Class 2)
Power Consumption	PoE (IEEE 802.3 af Class 2), 4.6W	PoE (IEEE 802.3af Class 2), 4.6W	PoE (IEEE 802.3af Class 2), 3.6W	PoE (IEEE 802.3af Class 2), 3.6W

BULLET CAMERAS

Model Name	MFZ, 8MP	MFZ, 5MP	MFZ, 2MP
	DC-T4831HRX	DC-T4536HRX	DC-T4236HRX
	   	   	   
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	3840 x 2160	2592 x 1944	1920 x 1080
Lens Type	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal
Focal Length	f = 2.7-13.5 mm	f =3.0 ~ 13.5mm	f =2.8 ~ 12mm
Aperture	F1.8 - 3.32	F1.4 ~ F3.2	F1.4 ~ F2.8
Iris Control	DC Iris	DC Iris	DC Iris
Angular Field of View	Wide: 110.6°(H) 57.3°(V) 134.1°(D) Tele: 32.6°(H) 18.3°(V) 37.4°(D)	[4:3 mode] Wide : 91°(H) 66°(V) 120°(D) Tele : 31°(H) 23°(V) 38°(D) [16:9 mode] Wide : 91°(H) 49°(V) 107°(D) Tele : 31°(H) 17°(V) 35°(D)	Wide : 98°(H) 51°(V) 116°(D) Tele : 33°(H) 19°(V) 38°(D)
Min. Illumination	Color: 0.2 Lux @ F1.8 B/W: 0 Lux (IR LED On)	Color: 0.15 lux @ F2.0 B/W : 0 lux (IR LED On)	Color: 0.1 lux @ F1.4 B/W : 0 lux (IR LED On)
Dynamic Range	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	40 m / 131.2 ft (6ea)	30 m / 98.4 ft (6 ea)	30 m / 98.4 ft (6 ea)
Image Stabilizer	-	-	-
Defog	Yes	Yes	Yes
Video Out	-	-	-
Video Compression	H.265, H.264 (MP) M-JPEG	H.265, H.264 (MP) M-JPEG	H.265, H.264 (MP), M-JPEG
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone	Video Motion Detection, Active Tampering Alarm, Trip Zone	Video Motion Detection, Active Tampering Alarm, Trip Zone
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	30ips: 3840 x 2160 15ips : 3840 x 2160 (WDR)	4:3 mode : 30ips : 2592 x 1944(WDR) 16:9 mode : 30ips : 2592 x 1456(WDR)	30ips : 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ 45 (10/100BASE-T)
Recording Session Buffer	Yes (Up to 60 MB)	Yes (Up to 60MB)	Yes (Up to 60 MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)
Trigger Event	Motion Detection, Alarm In, Audio Detection, Tampering, Trip Zone	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone	Motion Detection, Alarm In, Audio Detection Tampering, Trip Zone
Audio In / Out	1 / 1	1 / 1	1 / 1
Alarm In / Out	1 / 1	1 / 1	1 / 1
Vandal Resistance	IK10	IK10	IK 10
Outdoor Ready	IP67, Heater	IP67, Heater	IP 67, Heater
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting Up at Above -20°C (-4°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Starting Up at Above -20°C (-4°F)
Dimensions (W x H x D)	80 mm x 75 mm x 237 mm (3.15" x 2.95" x 9.33")	80mm X 75mm X 237mm (3.15" x 2.95" x 9.33")	Ø 77 mm X 244.1 mm (Ø3.0" x 9.61")
Weight	1.01kg (2.22lb)	1.01kg (2.22lb)	0.84 kg (1.85lb)
Power Source	12 VDC, PoE (IEEE 802.3 af Class 3)	PoE (IEEE 802.3af Class 3)	12 VDC, PoE (IEEE 802.3af Class 3)
Power Consumption	12 V=, 1.1 A, 13.2 W PoE (IEEE 802.3 af Class 3), 11.7 W	12V=, 1.1A, 13.2W PoE (IEEE 802.3af Class 3), 11W	12 V=, 0.78 A, 9.3W PoE (IEEE 802.3 af Class 3), 8.5W

License Plate Capture Camera

IDIS LightMaster

- Wide range Vari-focal lens (f = 12~50mm)
- Remote Auto Back Focus (ABF)
- Powerful IR LED
(License plate capture up to 80km/h @20m)



BULLET CAMERAS | License Plate Capture Camera

Model Name	MFZ, 2MP	
	DC-T6224HRXL	
 IDIS LightMaster	 	
Image Sensor	1/2" CMOS	
Max. Resolution	1920 x 1080	
Lens Type	Vari-focal	
Focal Length	f =12 - 50 mm	
Aperture	F1.5 - 1.9	
Iris Control	P-Iris	
Angular Field of View	Wide: 33° (H), 18° (V), 38° (D) Tele: 9° (H), 5° (V), 10° (D)	
Min. Illumination	Color Mode: 0.02 lux @F1.5 BW Mode: 0 lux (IR LED On)	
Dynamic Range	120 dB (TrueWDR)	
Day and Night	Yes (ICR)	
IR Distance (LEDs)	20 m (License plate capture up to 80 km/h) 100m (Surveillance)	
Image Stabilizer	-	
De-Fog	-	
Video Out	-	
Video Compression	H.265, H.264 (MP), M-JPEG	
Intelligent Codec	Yes	
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	
Max. Frame Rate	25 ips: 1920 x 1080 30 ips: 1920 x 1080	
Ethernet	RJ 45 (10/100 BASE-T)	
Recording Session Buffer (NLTsrec)	Yes (Up to 60 MB)	
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)	
Trigger Event	Motion Detection, Alarm In, Audio Detection, Tampering, Trip Zone	
Audio In / Out	1 / 1	
Alarm In / Out	2 / 1	
Vandal Proof Casing	-	
Outdoor Ready	IP66	
Operating Temperature	-40°C ~ +60°C (-40°F ~ +140°F) *Starting Up at Above -20°C (-4°F)	
Dimensions (W x H x D)	166.5 mm x 129.5 mm x 540 mm (6.56" x 5.1" x 21.26")	
Weight	4.65 kg (10.25 lb)	
Power Source	100 V ~ 240 VAC	
Power Consumption	100-240 V~, 50/60 Hz, 1.0-0.5 A, 50W	

BULLET CAMERAS

Model Name	Fixed Focal, 8MP	Fixed Focal, 5MP	Fixed Focal, 2MP
	DC-T4811WRX3.3	DC-T4516WRX2.8/4.0/6.0	DC-T4217WRX2.8/4.0/6.0
	   	   	   
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	3840 x 2160	2592 x 1944	1920 x 1080
Lens Type	Fixed-focal	Fixed-focal	Fixed-focal
Focal Length	f = 3.3 mm	f = 2.8 mm / 4.0 mm / 6.0mm	f = 2.8 mm, f=4.0mm, f=6.0mm
Aperture	F2.0	[2.8mm]F 2.0 / [4.0mm] F 2.15 / [6.0mm] F 1.6	[2.8mm] F 2.0 / [4.0mm] F 1.6 / [6.0mm] F 1.6
Iris Control	Fixed Iris	Fixed Iris	Fixed Iris
Angular Field of View	101.3° (H) 54.5° (V) 119.7° (D)	[2.8mm] 4:3 mode : 104.8°(H) 76.9°(V) 130°(D) 16:9 mode : 104.8°(H) 57.1°(V) 122.9°(D) [4.0mm] 4:3 mode : 79.2°(H) 56.6°(V) 103°(D) 16:9 mode : 79.2°(H) 41.4°(V) 95.1°(D) [6.0mm] 4:3 mode : 49.9°(H) 37°(V) 63.6°(D) 16:9 mode : 49.9°(H) 27.6°(V) 57.8°(D)	[2.8mm] 111.6° (H), 61.45° (V), 127.3° (D) [4.0mm] 87.4°(H), 46.9°(V), 103.5°(D) [6.0mm] 53.5°(H), 29.5°(V), 62.1°(D)
Min. Illumination	Color: 0.2 Lux @ F2.0 B/W: 0 Lux (IR LED On)	[2.8mm] Color : 0.15 lux @ F2.0 B/W : 0 lux (IR LED On) [4.0mm] Color : 0.15 lux @ F2.15 B/W : 0 lux (IR LED On) [6.0mm] Color : 0.15 lux @ F1.6 B/W : 0 lux (IR LED On)	[2.8mm] Color: 0.1 lux @ F2.0 , B/W: 0 lux (IR LED On) [4.0mm] Color: 0.07 lux @ F1.6 B/W : 0 lux (IR LED On) [6.0mm] Color: 0.07 lux @ F1.6 B/W : 0 lux (IR LED On)
Dynamic Range	120dB (TrueWDR)	120dB (True WDR)	120dB (TrueWDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	30 m / 98.4 ft (4ea)	30 m / 98.4 ft (4ea)	20m / 65.6 ft (2 ea)
Image Stabilizer	-	-	-
De-fog	Yes	-	Yes
Video Out	-	-	-
Video Compression	H.265, H.264 (MP) M-JPEG	H.265, H.264 (MP) M-JPEG,	H.265, H.264 (MP), M-JPEG
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone		Video Motion Detection, Active Tampering Alarm, Trip Zone
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	-
Max. Frame Rate	30ips: 3840 x 2160 15ips: 3840 x 2160 (WDR)	4:3 mode : 30ips : 2592 x 1944(WDR) 16:9 mode : 30ips : 2592 x 1456(WDR)	30 ips: 1920 x 1080
Ethernet	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)
Recording Session Buffer	Yes (Up to 60 MB)	Yes (Up to 60MB)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)	-
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone	Motion Detection Tampering Trip Zone
Audio In / Out	1 / 1	1 / 1	-
Alarm In / Out	1 / 1	1 / 1	-
Vandal Resistance	IK10	IK10	IK 10
Outdoor Ready	IP67	IP67	IP 66
Operating Temperature	-20°C ~ +55°C (-22°F ~ +131°F) *Starting up at above 0°C (32°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Starting up at above 0°C (32°F)	-20°C ~ +55°C (-4°F ~ +131°F) *Starting Up at Above 0°C (32°F)
Dimensions (W x H x D)	75 mm x 70 mm x 195.8 mm (2.95" x 2.75" x 7.7")	75 mm x 70 mm x 195.8 mm (2.95" x 2.75" x 7.7")	70.1mm x 65mm X 182.7mm (2.75" x 2.56" x 7.2")
Weight	0.66 kg (1.46lb)	0.66 kg (1.46 lb)	0.340 Kg (0.75 lb)
Power Source	PoE (IEEE 802.3 af Class 3)	PoE (IEEE 802.3af Class 3)	PoE (IEEE 802.3 af Class 2)
Power Consumption	PoE (IEEE 802.3 af Class 3), 9.0W	PoE (IEEE 802.3af Class 3), 7.9W	PoE (IEEE 802.3 af Class 2), 5.4W

Model Name	Fixed Focal, 5MP, PoE
	DC-T4517WRXP4.3/6.2
Image Sensor	1/2.8" CMOS
	2592 x 1944
Max. Resolution	2592 x 1944
Lens Type	Fixed-focal
Focal Length	f = 4.3mm / f = 6.2mm
Aperture	F1.6
Iris Control	Fixed Iris
Angular Field of View	[4.3mm] 4:3 mode : 80°(H) 56.7°(V) 106.9°(D) 16:9 mode : 80°(H) 41.1°(V) 95.4°(D)
	[6.2mm] 4:3 mode : 49.9°(H) 36.7°(V) 64°(D) 16:9 mode : 49.9°(H) 27.2°(V) 58.1°(D)
Min. Illumination	Color: 0.15 lux @ F1.6 B/W : 0 lux (IR LED On)
Dynamic Range	120dB (True WDR)
Day and Night	Yes (ICR)
IR Distance (LEDs)	20 m / 65.6 ft (2 ea)
Image Stabilizer	-
De-fog	Yes
Video Out	-
Video Compression	H.265, H.264 (MP), M-JPEG
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Audio Compression	-
Max. Frame Rate	4:3 mode : 30ips : 2592 x 1944 (WDR) 16:9 mode : 30ips : 2592 x 1456 (WDR)
Ethernet	1 RJ45 (10/100BASE-T), 1 Additional RJ45 (10/100BASE-T) for PoE Extender
Recording Session Buffer	Yes (Up to 60 MB)
Edge Storage	-
Trigger Event	Motion Detection, Tampering, Trip Zone
Audio In / Out	-
Alarm In / Out	-
Vandal Resistance	IK10
Outdoor Ready	IP 66
Operating Temperature	-20°C ~ +55°C (-4°F ~ +131°F) *Starting up at above 0°C (32°F)
Dimensions (W x H x D)	70 mm X 65 mm X 197.5 mm (2.76" X 2.56" X 7.78")
Weight	0.44 kg (0.97 lb)
Power Source	PoE (IEEE 802.3 at Class 4)
Power Consumption	PoE (IEEE 802.3at Class 4), 25.5W (DC OUT: 42.5-57V~, 0.3A MAX)

IDIS PoE Extender Camera

PoE Extender Camera for quick installation and cost savings

H.265 5MP PoE Extender IR Cameras



Cost Effective & Easy Installation
Reduce material and labor expenses
by installing cameras closer together

IDIS SUPER FISHEYE CAMERAS



360°

Dual Side Dewarping
Mobile Dewarping
Smooth Dewarping

Introducing the IDIS Super Fisheye, featuring groundbreaking dual side dewarping, outstanding panoramic image quality and fast, simple plug-and-play installation to deliver the ultimate in surveillance efficiency and performance.



Model Name	Fixed Focal, 12MP	Fixed Focal, 5MP	Fixed Focal, 5MP
	DC-Y6C16WRX-W	DC-Y6S16WRX-W	DC-Y6S16X
	 12MP 	 5MP 	 5MP 
Image Sensor	1/2.3" CMOS	1/1.8" CMOS	1/1.8" CMOS
Max. Resolution	2944 x 2944	2560 x 2048	2560 x 2048
Lens Type	Fixed-focal	Fixed-focal	Fixed-focal
Focal Length	f = 1.6 mm	f = 1.5 mm	f = 1.5 mm
Aperture	F 2.0	F 1.8	F 1.8
Iris Control	Fixed Iris	Fixed Iris	Fixed Iris
Angular Field of View	180° (H), 180° (V), 180° (D)	180° (H), 180° (V), 180° (D)	180° (H), 180° (V), 180° (D)
Pan / Tilt / Zoom	-	-	-
Min. Illumination	Color: 0.3 Lux @ F 2.0 B/W: 0 Lux (IR LED On)	Color: 0.15 Lux @ F 1.8 B/W: 0 Lux (IR LED On)	Color: 0.15 lux @ F1.8 B/W: 0.015 lux @ F1.8
Dynamic Range	120 dB (TrueWDR)	120 dB (TrueWDR)	120 dB (TrueWDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	15 m / 49.2 ft (4 ea)	20 m / 65.6 ft (4 ea)	-
Image Stabilizer	-	-	-
Viewing Composition	10, 1P, 1P2R, 2P, 4R, 107R	10, 1P, 1P2R, 2P, 4R, 107R	10
Video Out	-	-	-
Video Compression	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Yes	Yes	Yes
Audio Compression	ADPCM 16 K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16 K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16 K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	30 ips: 2944 x 2944 15 ips: 2944 x 2944 (WDR)	30 ips: 2560 x 2048 (WDR)	30 ips: 2560 x 2048 (WDR)
Ethernet	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ 45 (10/100BASE-T)
Recording Session Buffer (NLTsrec)	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60 MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)
Trigger Event	Motion Detection, Alarm In, Audio Detection Tampering, Trip Zone, Heatmap	Motion Detection, Alarm In, Audio Detection Tampering, Trip Zone, Heatmap	Motion Detection, Alarm In, Audio Detection Tampering, Trip Zone, Heatmap
Audio In / Out	1 (Built In MIC) +1 / 1	1 (Built In MIC) +1 / 1	1 (Built In MIC) +1 / 1
Alarm In / Out	1 / 1	1 / 1	1 / 1
Vandal Resistance	IK10	IK10	-
Outdoor Ready	IP67	IP67	-
Operating Temperature	-30°C ~ 50°C (22°F ~ 122°F) *Starting up at above 0°C (32°F)	-30°C ~ 50°C (-22°F ~ 122°F) *Starting up at above 0°C (32°F)	-10°C ~ 50°C (-22°F ~ 122°F) *Starting up at above 0°C (32°F)
Dimensions (W x H x D)	Ø135 x 56.9 mm (Ø5.31" x 2.24")	Ø135 x 56.9 mm (Ø5.31" x 2.24")	Ø122 x 35.8 mm (Ø4.80" x 1.40")
Weight	0.67 kg (1.47 lb)	0.67 kg (1.47 lb)	0.280 kg (0.62 lb)
Power Source	12 VDC, PoE (IEEE 802.3 af Class 3)	12 VDC, PoE (IEEE 802.3 af Class 3)	PoE (IEEE 802.3 af Class 2)
Power Consumption	12 V=, 0.94 A, 11.3W PoE (IEEE 802.3 af Class 3), 10.6W	12V=, 0.92 A, 11W PoE (IEEE 802.3 af Class 3), 10.3W	PoE (IEEE 802.3 af Class 2), 5.6W

SPEED DOME CAMERAS

Model Name	AF Zoom, 8MP, 40x	AF Zoom, 6MP, 40x
	NEW DC-S6882WR	NEW DC-S682WR
	 IDIS LightMaster NIR	 IDIS LightMaster NIR
Image Sensor	1/1.8" CMOS	1/1.8" CMOS
Max. Resolution	3840 x 2160	3328 x 1872
Lens Type	AF Zoom Lens	AF Zoom Lens
Focal Length	f= 6.91 ~ 214.64mm	f= 6.91 ~ 214.64mm
Aperture	F1.36 ~ F4.6 [TBD]	F1.36 ~ F4.6 [TBD]
Iris Control	P-Iris	P-Iris
Angular Field of View	Wide : 61.8°(H), 36.3°(V), 70.3°(D) Tele : 2.3°(H), 1.3°(V), 2.6°(D)	Wide : 61.8°(H), 36.3°(V), 70.3°(D) Tele : 2.3°(H), 1.3°(V), 2.6°(D)
Min. Illumination	Color : 0.13 lux @ F1.36 B/W : 0 lux (IR LED On)	Color : 0.13 lux @ F1.36 B/W : 0 lux (IR LED On)
Dynamic Range	120 dB (TrueWDR)	120 dB (TrueWDR)
IR Distance (LEDs)	300 m/984.3ft (2ea)	300 m/984.3ft (2ea)
Image Stabilizer	Yes (EIS)	Yes (EIS)
De-fog	Yes	Yes
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone	Video Motion Detection, Active Tampering Alarm, Trip Zone
Video Out	1 Terminal Block	1 Terminal Block
Video Compression	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Yes	Yes
Audio Compression	ADPCM 16 K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16 K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	30 ips: 3840 x 2160 (WDR)	30ips: 3840 x 2160 (WDR)
Ethernet	RJ 45 (10/100 BASE-T)	RJ 45 (10/100 BASE-T)
Recording Session Buffer (NLTsrc)	Yes (Up to 60 MB)	Yes (Up to 60 MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, , Smart Failover (Up to 512 GB)
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone, System Status	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone, System Status
Audio In / Out	1 / 1	1 / 1
Alarm In / Out	8 / 2	8 / 2
Vandal Proof Casing	IK10	IK10
Outdoor Ready	IP66	IP66, Heater
Operating Temperature	-40°C ~ +55°C (-40°F ~ +140°F) *Starting Up at Above -20°C (-4°F)	-40°C ~ +55°C (-40°F ~ +140°F) *Starting Up at Above -20°C (-4°F)
Dimensions (W x H x D)	Ø242.0 mm x 401.8mm (Ø9.52" x 15.82")	Ø242mm x 401.8mm (Ø9.52" x 15.82")
Weight	7.4 kg (16.31 lb)	7.4 kg (16.31 lb)
Power Source	24 VAC, High-PoE (75W)	24 VAC, High-PoE (75W)
Power Consumption	HEATER, IR LED OFF 24VAC, 1.6A, 28.0W, 50/60Hz PoE (IEEE 802.3bt Class 8), 28.4W	HEATER, IR LED OFF 24VAC, 1.6A, 28.0W, 50/60Hz PoE (IEEE 802.3bt Class 8), 28.4W
	HEATER, IR LED ON 24VAC, 2.8A, 52.9W, 50/60Hz PoE (IEEE 802.3bt Class 8), 53.1W	HEATER, IR LED ON 24VAC, 2.8A, 52.9W, 50/60Hz PoE (IEEE 802.3bt Class 8), 53.1W

IDIS LightMaster NIR

Advanced Camera Tech for Superior Night-Time Security



The IDIS LightMaster NIR PTZ camera offers excellent night vision and a 40x PTZ feature, delivering the footage needed for nighttime surveillance.



Model Name	AF Zoom, 2MP, 36x	MFZ, 2MP, 30x	Mini, AF Zoom, 2MP, 12x
	DC-S6286HRXL	DC-S6281HX	DC-S6261X
	   	   	   
Image Sensor	1/2" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080
Lens Type	AF Zoom Lens	AF Zoom Lens	AF Zoom Lens
Focal Length	f = 6 - 216 mm	f = 5.2 mm ~ 156 mm	f = 5.3 - 64 mm
Aperture	F1.36 - 4.6	F1.33 ~ F4.95	F1.6 - 2.8
Iris Control	DC Auto Iris (Hall Sensor)	DC Auto Iris (Hall Sensor)	DC Auto Iris (Hall Sensor)
Angular Field of View	Wide: 57.36° (H), 33.12° (V), 65.18° (D) Tele: 1.92° (H), 1.08° (V), 2.2° (D)	Wide: 58.9° (H), 34.4° (V), 66.3° (D) Tele: 2.7° (H), 1.5° (V), 3.1° (D)	Wide: 58.2° (H), 34° (V), 65.3° (D) Tele: 4.83° (H), 2.8° (V), 5.7° (D)
Min. Illumination	Color: 0.02 lux @ F1.36 B/W: 0 lux (IR LED On)	Color: 0.1 lux @ F1.33 B/W: 0.01 lux @ F1.33	Color: 0.1 Lux @ F1.6 B/W: 0.01 Lux @ F1.6
Dynamic Range	120 dB (TrueWDR)	120 dB (TrueWDR)	120dB (TrueWDR)
IR Distance (LEDs)	350 m / 1, 148.2 ft (2ea)	-	-
Image Stabilizer	Yes (EIS)	Yes (EIS)	Yes (EIS)
Auto Tracking	-	-	-
Video Out	1 Terminal Block	1 Terminal Block	-
Video Compression	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Yes	Yes	Yes
Audio Compression	ADPCM 16 K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16 K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	30 ips: 1920 x 1080 (WDR)	30 ips: 1920 x 1080 (WDR)	30ips: 1920 x 1080 (WDR)
Ethernet	RJ 45 (10/100 BASE-T)	RJ 45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTsrec)	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)
Trigger Event	Motion Detection, Alarm In, Audio Detection Tampering ,Trip Zone	Motion Detection, Alarm In, Audio Detection Tampering ,Trip Zone	Motion Detection, Alarm In, Audio Detection Tampering ,Trip Zone
Audio In / Out	1 / 1	1 / 1	1 / 1
Alarm In / Out	8 / 2	4 / 2	1 / 1
Vandal Proof Casing	IK 10	IK 10	-
Outdoor Ready	IP 66, Heater	IP 67	-
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)	-10°C ~ +50°C (+14°F ~ +122°F) *Starting up At Above 0°C (32°F)
Dimensions (W x H x D)	Ø242 mm x 401.8 mm (Ø9.52" x 15.82")	Ø200 mm x 201 mm (Ø7.88" x 7.91")	Ø155 mm x 158.1 mm (Ø6.1" x 6.22")
Weight	6.7 kg (14.77 lb)	2.54 kg (5.60 lb)	1.0 kg (2.20 lb)
Power Source	24 VAC, PoE (75W)	24VAC, PoE (IEEE 802.3at Class 4)	12VDC, PoE (IEEE 802.3af Class 3)
Power Consumption	Heater, IR LED Off 24 V~, 1.6 A, 26.2W, 50/60 Hz High-PoE, 50-57 V, 23.6W Heater / IR On 24 V~, 2.3 A, 39.6W, 50/60 Hz High-PoE, 50-57 V, 35.6W	Heater Off 24 V~, 0.8 A, 13.8W, 50/60 Hz PoE (IEEE 802.3 at Class 4), 13.6W Heater On 24 V~, 1.0 A, 17.6W, 50/60 Hz PoE (IEEE 802.3 at Class 4), 17.2W	12VDC, 9.2W PoE (IEEE 802.3af Class 3), 10W

IDIS BOX CAMERA

Precision in Every Frame,
Security at Every Moment

The IDIS LightMaster Box Camera delivers crystal-clear 2MP resolution, advanced WDR, and seamless integration for reliable, round-the-clock surveillance.



IDIS LightMaster



BOX CAMERAS

	5MP	2MP
	DC-B4501X	DC-B6206XL
Model Name	 5MP NDA AA ***** TAA ***** IDIS LightMaster	 Full HD 2MP NDA AA ***** TAA *****
VIDEO		
Image Sensor	1/2.8" CMOS	1/2" CMOS
Max. Resolution	2592 x 1944	1920 x 1080
Lens Type	C/CS Mount	C/CS Mount
Iris Control	P-iris / DC Auto Iris / Manual Iris	P-iris / DC Auto Iris / Manual Iris
Min. Illumination	Color Mode : 0.15 Lux @F1.6 BW Mode : 0.015 Lux @F1.6	Color Mode : 0.02 lux @F1.5 BW Mode : 0.002 lux @F1.5
Dynamic Range	120 dB (True WDR)	120 dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)
Image Setting	Exposure, White Balance, Self-Adjusting Video Mode (Sharpness, Contrast, Colors, Brightness Control)	Exposure, White Balance, Self-Adjusting Video Mode (Sharpness, Contrast, Colors, Brightness Control)
De-fog	-	-
Video Out	-	-
NETWORK		
Video Compression	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Supported	Supported
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes	Yes
Max. Frame Rate	4:3 mode : 30 ips : 2592 x 1944 (WDR) 16:9 mode : 30 ips : 2592 x 1456 (WDR)	30 ips : 1920 x 1080 (WDR)
Supported Resolution	4:3 : 2592 x 1944, 1920 x 1440, 1280 x 960, 640 x 480 16:9 : 2592 x 1456, 1920 x 1080, 1280 x 720, 640 x 360	1920 x 1080, 1280 x 720, 640 x 360, 352 x 240
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTSrec)	Yes (Up to 60MB)	Yes (Up to 60 MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)
ALARM AND EVENT		
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone
Audio In / Out	1(Built In MIC) + 1 / 1	1 (Built In MIC) + 1 / 1
Alarm In / Out	2/2	2/2
ENVIRONMENTAL		
Vandal Proof Casing	-	-
Outdoor Ready	-	-
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)
Dimensions (W x H x D)	78 mm x 63.5 mm x 150.1mm (3.07" x 2.5" x 5.91")	78mm x 63.5mm x 142.5mm (3.07" x 2.5" x 5.61")
Weight	0.3 kg (0.661 lb)	0.4 kg (0.89 lb)
Power Source	12 VDC, PoE (IEEE 802.3af Class 2)	12VDC, PoE (IEEE 802.3af Class 2)
Power Consumption	12 V=, 0.5 A, 6 W PoE (IEEE 802.3 af Class 2) 5.6 W	12 V=, 0.43 A, 5.16 W PoE (IEEE 802.3 af Class 2), 5 W
Approval	FCC, CE, KC	FCC, CE, KC, UL

IDIS COVERT MODULAR CAMERA

High-performance surveillance for branches and ATMs

True plug-and-play technology really becomes a force-multiplier when it comes to saving time and money during both installation and maintenance when solutions involve hundreds and even thousands of ATMs.



COVERT MODULAR CAMERAS

Model Name	Modular Covert Camera, 2MP	
	DC-V4212XJ4.3	DC-V4212XJ2.4
	   	   
Image Sensor	1/2.8" CMOS Sensor	1/2.8" CMOS Sensor
Max. Resolution	1920x1080	1920x1080
Scanning Mode	Progressive Scan	Progressive Scan
Lens Type	Fixed-focal	Fixed-focal
Focal Length	f = 4.3 mm	f = 2.4 mm
Aperture	F = 2.0	F=2.0
Iris Control	Fixed Iris	Fixed Iris
Angular Field of View	81.6°(H), 42.3°(V), 99°(D)	132.5°(H), 72.7°(V), 154.7°(D)
Min. Illumination	Color: 0.1 lux B/W : 0.01 lux	Color: 0.1 lux B/W : 0.01 lux
Dynamic Range	More than 70 dB	More than 70 dB
Day and Night	Electrical	Electrical
IR Distance (LEDs)	-	-
Video Out	-	-
Video Compression	H.264 (MP), M-JPEG, H.265	H.264 (MP), M-JPEG, H.265
Intelligent Codec	Yes	Yes
Audio Compression	G.726, G.711 u-Law, G.711 a-Law	G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes	Yes
Max. Frame Rate	30 ips : 1920 x 1080 (WDR)	30 ips : 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTSrec)	Yes (Up to 60 MB)	Yes (Up to 60 MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)
Trigger Event	Motion Detection Alarm in Audio detection Tampering Trip Zone	Motion Detection Alarm in Audio detection Tampering Trip Zone
Audio In / Out	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea
Alarm In / Out	Input1ea / Output 1ea	Input1ea / Output 1ea
Vandal Proof Casing	-	-
Outdoor Ready	-	-
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)
Dimensions (W x H x D) - Main Module	153 mm x 36.5 mm x 132.7 mm (6.02" x 1.44" x 5.22")	153 mm x 36.5 mm x 132.7 mm (6.02" x 1.44" x 5.22")
Dimensions (W x H x D) - Camera Module	Main Unit : 153mm x 36.5mm x 132.7mm (6.02" x 1.44" x 5.22") Camera Unit : 37(W) x 37(H) x 26.3(D) mm (1.46" x 1.46" x 1.04") - Body Only 58(W) x 45(H) x 55.3(D) mm (2.28" x 1.77" x 2.18") - With Bracket	Main Unit : 153mm x 36.5mm x 132.7mm (6.02" x 1.44" x 5.22") Camera Unit : 37(W) x 37(H) x 26.3(D) mm (1.46" x 1.46" x 1.04") - Body Only 58(W) x 45(H) x 55.3(D) mm (2.28" x 1.77" x 2.18") - With Bracket
Weight	Main Unit : 0.47kg (1.04 lb) Camera Unit : 0.06kg (0.13 lb)	Main Unit : 0.47kg (1.04 lb) Camera Unit : 0.06kg (0.13 lb)
Power Source	12 VDC, PoE (IEEE 802.3 at Class 4)	12 VDC, PoE (IEEE 802.3 at Class 4)
Power Consumption	12 V=, 0.42 A, 5.04 W PoE (IEEE 802.3 at Class 4), 6.3 W	12 V=, 0.42 A, 5.04 W PoE (IEEE 802.3 at Class 4), 6.3 W

IDIS VIDEO INTERCOM

Clear Voice Communication with Echo Cancellation

- Surveillance System Integration
- Secure Remote Access IDIS Mobile
- Designed to withstand harsh environments
- Simultaneous two-way audio and video recording
- SIP (VoIP) Communication Support
- Enhanced echo cancelling and noise reduction
- Flexible for a broad range of applications



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INTERCOM CAMERAS

	Video Intercom, 2MP
	DC-I6212WRX
Model Name	  
Image Sensor	1/2.8" CMOS Sensor
Max. Resolution	1920 x 1080
Lens Type	Fixed-focal
Focal Length	f = 1.85mm
Aperture	F2.3
Iris Control	Fixed Iris
Angular Field of View	180°(H)
Pan / Tilt Range	-
Min. Illumination	Color: 0.1 lux @ F2.3 B/W : 0 lux (IR LED On)
Dynamic Range	120dB (TrueWDR)
Day and Night	Yes (ICR)
IR Distance (LEDs)	5m / 16ft (1ea)
Image Stabilizer	-
De-fog	Yes
Video Out	-
Video Compression	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Yes
Audio Compression	G.726, G.711 u-Law, G.711 a-Law, G.722
Max. Frame Rate	30ips : 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTsrec)	Yes (Up to 60MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone
Audio In / Out	1 (Built In MIC with Echo Cancellation) / 1 (Built In SPK)
Alarm In / Out	1 / 2
Vandal Proof Casing	IK10
Outdoor Ready	IP66, NEMA 4X
Operating Temperature	-30°C ~ +55°C (-22°F ~ +131°F) *Starting up at above 0°C (32°F)
Dimensions (W x H x D)	52mm x 165mm x 46mm (2.05" x 6.50" x 1.81")
Weight	0.52 kg (1.15lb)
Power Source	DC 12V, PoE (IEEE 802.3af Class 3)
Power Consumption	12V=, 1.87A, 22.4W PoE (IEEE 802.3af Class 3), 9.5W (DC Output : 12V=, 1A MAX with Adaptor)

BULLET CAMERAS

	DC-T18A4WR	DC-T1434WG
Model Name	   	   
Image Sensor	Dual 1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	4608(H) × 1728(V)	4MP (2688×1520)
Scanning Mode	Progressive Scan	Progressive scan
Lens Type	Fixed-focal lens, Dual lens: 2.8mm	Motorized focus
Focal Length	2.8 mm	4.5 to 8 mm
Aperture	F1.6	F1.0
Iris Control	Fixed Iris	P-Iris
Angular Field of View	H: 180°, V: 63°	4.5 to 8 mm, H: 101°to 57.5°, V: 52.7°to 32° 8 to 32 mm, H: 39.7°to 16°, V: 22.6°to 9.2°
Pan/Tilt/Rotate	Pan: 0° to 360° Tilt: 0° to 90° Rotation: 0° to 360°	Pan: 0° to 360° Tilt: 0° to 90° Rotation: 0° to 360°
Min. Illumination	Color: 0.01 Lux @ (F1.6, AGC ON) B/W: 0.001 Lux @ (F1.6, AGC ON), 0 Lux with light on	Color: 0.0001 Lux @ (F1.0, AGC ON), 0 Lux with warm-light ON
Dynamic Range	120dB(True WDR)	True WDR
Day and Night	Auto (ICR)	Fixed filter
IR Distance (LEDs)	2 (IR LED), 2 (Warm Light) IR distance up to 30m (98.4ft) Warm light distance up to 20m (65.6ft)	40m / 131.2ft (4ea)
Backlight Compensation	HLC, BLC	BLC
Mirroring / Pivot	-	Support
Image Stabilizer	-	-
De-fog	Support	YES
Privacy Masking	4 areas	4 areas
Intelligent Video	Intelligent analysis: Smart Motion detection (Human and Vehicle)	Intelligent analysis: Smart Motion detection (Human and Vehical)
Video Out	-	-
Video Compression	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG
Intelligent Codec	-	-
Audio Compression	G.711, RAW_PCM	G.711, RAW_PCM
Two-way Audio	Yes	Yes
Max. Frame Rate	8MP (4608×1728) @15 fps	Max. 4MP(2688×1520) @25/30fps resolution
Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector	1 Ethernet (10/100 Base-T) RJ-45 Connector
Recording Session Buffer (NLT5rec)	-	-
Trigger Event	Motion detection, Smart Motion, Alarm input	Motion detection, Smart Motion, Alarm input
Event Notification	Alarm record, Alarm output, FTP upload, SMTP upload, Audible alarm output, Red and blue light alarm	Alarm record, Alarm output, FTP upload, SMTP upload, Audible alarm output, Red and blue light alarm
Audio In / Out	1/1 Audio in/out (Built-in Mic / Speaker)	1ch Input, 1ch Output
Alarm In / Out	1ch Input, 1ch Output	1ch Input, 1ch Output
Vandal Proof Casing	IK10	IK10
Outdoor Ready	IP66	IP66
Operating Temperature	-30°C to 60°C (-22°F to 140°F)	-40°C to 55°C (-40°F to 131°F)
Operating Humidity	Less than 90% RH	Less than 90% RH
Power Source	DC12V (-15% to +20%)/PoE (IEEE 802.3af)	DC12V (-15% to +25%)/PoE (802.3af)
Power Consumption	Max 11.5W	Max. 11W
Dimensions	8.96 × 4.33 × 3.15 inch (227.7 × 110 × 80 mm)	303 × 100 × 107 mm (11.9 × 3.94 × 4.21 inch)
Weight	1.81lb (0.82kg)	1.25 Kg (2.76 lb)

DOME CAMERAS

Model Name	DC-D1414WEG	DC-D1534WER	DC-D1514WER2.8
	 4MP NDAA Compliant TAA Compliant	 5MP NDAA Compliant TAA Compliant	 5MP NDAA Compliant TAA Compliant
Image Sensor	1/1.8" CMOS	1/2.8" Progressive Scan STARVIS™ CMOS	1/2.8" Progressive Scan STARVIS™ CMOS
Max. Resolution	4MP (2688×1520)	5MP, 2592H) × 1944(V)	5MP, 2592H) × 1944(V)
Scanning Mode	Progressive Scan	Progressive Scan	Progressive Scan
Lens Type	Fixed focal	Varifocal lens, Motorized focal	Fixed lens
Focal Length	2.8 mm	2.7 ~ 13.5mm	2.8 mm
Aperture	F1.0	F1.6	F2.0 / F1.6
Iris Control	Fixed Iris	Fixed Iris	Fixed Iris
Angular Field of View	H: 112.4°, V: 61.2°	H: 98.3° to 27.5°, V: 71.3° to 20.3°	H: 93.9°, V: 68.7°
Pan/Tilt/Rotate	Pan: 0° to 355°, Tilt: 0° to 80°, Rotation: 0° to 360°	Pan: 0° to 355°, Tilt: 0° to 80°, Rotation: 0° to 360°	Pan: 0° to 355°, Tilt: 0° to 80°, Rotation: 0° to 360°
Min. Illumination	Color: 0.0001 Lux @ (F1.0, AGC ON), 0 Lux with warm-light ON	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Dynamic Range	True WDR	120dB(True WDR)	120dB(True WDR)
Day and Night	Fixed filter	Auto (ICR)	Auto (ICR)
IR Distance (LEDs)	25m / 82.02ft (4ea)	4 (IR LED), Up to 40 m (131.2 ft)	3 (IR LED), Up to 30 m (98.4 ft)
Backlight Compensation	BLC	HLC, BLC, Defog	HLC, BLC, Defog
Mirroring / Pivot	Support	Support	Support
Image Stabilizer	-	-	-
De-fog	Yes	Support	Support
Privacy Masking	4 areas	4 areas	4 areas
Intelligent Video	Intelligent analysis: Smart Motion detection (Human and Vehical)	Intelligent analysis: Smart Motion detection (Human and vehicle).	Intelligent analysis: Smart Motion detection (Human and vehicle).
Video Out	-	-	-
Video Compression	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG
Intelligent Codec	-	-	-
Audio Compression	G.711 A-law, G.711 μ-law, RAM PCM	G.711 A-law, G.711 μ-law, RAM PCM	G.711 A-law, G.711 μ-law, RAM PCM
Two-way Audio	Yes	Yes	Yes
Max. Frame Rate	Max. 4MP(2688×1520) @25/30fps resolution	5MP (2592 × 1944) @30 fps	5MP (2592 × 1944) @30 fps
Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector	1 Ethernet (10/100 Base-T) RJ-45 Connector	1 Ethernet (10/100 Base-T) RJ-45 Connector
Recording Session Buffer (NLTsrec)	-	-	-
Trigger Event	Motion detection, Smart Motion, Alarm input	Motion detection, Smart Motion, Alarm input	Motion detection, Smart Motion, Alarm input
Event Notification	Alarm record, Alarm output, FTP upload, SMTP upload, Audible alarm output, Red and blue light alarm	Alarm record, Alarm output, FTP upload, SMTP upload, Audible alarm output	Alarm record, Alarm output, FTP upload, SMTP upload, Audible alarm output
Audio In / Out	1/1 audio in/out	1/1 Audio in/out (Built-in Mic)	1/1 Audio in/out (Built-in Mic)
Alarm In / Out	1/1 alarm in/out	1ch Input, 1ch Output	1ch Input, 1ch Output
Vandal Proof Casing	IK10	IK10	IK10
Outdoor Ready	IP66	IP66	IP66
Operating Temperature	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)
Operating Humidity	Less than 90% RH	Less than 90% RH	Less than 90% RH
Power Source	12 VDC (-15% to +25%)/PoE (802.3af)	12 VDC (-10% to +25%)/PoE (802.3af)	12 VDC (-10% to +25%)/PoE (802.3af)
Power Consumption	Max. 9.5W	Max 6.5 W	Max 6 W
Dimensions	φ140 × 119.2 mm (5.51 × 4.69 inch)	φ5.51 × 4.69 inch(φ140 × 119.2 mm)	φ4.65 × 3.7 inch(φ118.2 × 93.9 mm)
Weight	0.9 kg (1.98 lb)	1.98lb (0.9kg)	1.21lb (0.55kg)



ConteraIP® Camera Series

Affordable. Advanced Features.

The Contera® product lineup provides high-end megapixel (MP) IP cameras at an affordable price point. Contera brings in advanced technologies such as H.265 compression with SNAPstream+™ bandwidth reduction technology, Smart IR LEDs with variable illumination, Enhanced WDR™ wide dynamic range up to 120dB, and an onboard storage capacity up to 1TB. Programmable features can further enhance the quality of megapixel surveillance footage while Analytics available in the Series can increase situational awareness.

ConteraIP cameras come in several distinct body styles to cover most project solution needs, including our unique installer-friendly housing designs with the ConteraIP LX Remote Setup, ConteraIP Outdoor Dome, and ConteraIP MicroDome LX first introduced in our MegaIP® camera line. ConteraIP cameras come with a choice of 1080p and 5MP resolutions at a full 30fps for all single-sensor models, 8MP or 20MP resolution with our quad-sensor models, up to 16MP resolution for dual-sensor models and 12MP for the ConteraIP Fisheye.

OUTDOOR DOME CAMERAS

Model Name	Outdoor Dome	
	AV02CLD-200	AV05CLD-200
	 Full HD 2MP NDAA Compliant TAA Compliant	 5MP NDAA Compliant TAA Compliant
Image Sensor	1080p (2.1MP) CMOS Progressive Sensor	5MP CMOS Progressive Sensor
Max. Resolution	2MP 1920x1080	5MP 2592x1944
Lens Type	P-Iris Lens	P-Iris Lens
Focal Length	2.7-13.5mm	2.7-13.5mm
Aperture	F1.4	F1.4
Iris Control	Auto/Manual	Auto/Manual
Angular Field of View	H-FOV = 28°-100°, V-FOV = 16°-54°	H-FOV = 27°-79°, V-FOV = 20°-58°
Pan / Tilt Range	Adjustable 3-Axis Gimbal with Corridor Mode	Adjustable 3-Axis Gimbal with Corridor Mode
Min. Illumination	0.04 Lux (Color) 0.005Lux (B/W)	0.15 Lux (Color) 0.01 Lux (B/W)
Dynamic Range	WDR 120dB DOL	WDR 120dB DOL
Day and Night	Auto or Manual	Auto or Manual
IR	Smart IR	Smart IR
IR Distance (LEDs)	82ft (25m) max	82ft (25m) max
Image Stabilizer	No	No
De-fog	No	No
Video Out	NA	NA
Video Compression	H.265/H.264/M-JPEG	H.265/H.264/M-JPEG
Intelligent Codec (SNAPstream+)	Yes	Yes
Audio Compression	G.711 PCM 8 kHz/8 bit	G.711 PCM 8 kHz/8 bit
Max. Frame Rate	60fps	30fps
Ethernet	10/100Base-T Ethernet network interface, RJ45	10/100Base-T Ethernet network interface, RJ45
Recording Session Buffer (NLTsrec)	NA	NA
Edge Storage	MicroSDXC slot up to 1TB (card not included)	MicroSDXC slot up to 1TB (card not included)
Trigger Event	Motion detection, tampering detection, alarm in, Video AI	Motion detection, tampering detection, alarm in, Video AI
Audio	Yes	Yes
Audio In / Out	Line in (with amplification) / Line output	Line in (with amplification) / Line output
Alarm In / Out	1 input (wet contact)/1 output (wet contact)	1 input (wet contact)/1 output (wet contact)
Vandal Proof Casing	IK-10	IK-10
Outdoor Ready	IP66	IP66
Operating Temperature	-20°C (-4°F) to +50°C (122°F)	-40°C (-40°F) to +50°C (122°F)
Dimensions (W x H x D)	5.55 inches (141mm) x 4.09 inches (104mm) Round	5.55 inches (141mm) x 4.09 inches (104mm) Round
Weight	Unit 2.09lbs (0.95kg) Packaged 2.16lbs (0.98kg)	Unit 2.09lbs (0.95kg) Packaged 2.16lbs (0.98kg)
Power Source	PoE/12V DC	PoE/12V DC
Power Consumption	8.5W max	10W max
Multi sensor	NA	NA
IP Camera Protocol	Onvif Profile S, G, M, and T conformant	Onvif Profile S, G, M, and T conformant
PTZ	NA	NA
Remote Zoom	Yes	Yes
Remote Focus	Yes	Yes
Analytics	Std-Included Advanced-Optional	Std-Included Advanced-Optional

INDOOR DOME CAMERAS

Model Name	Indoor Dome			
	AV02CID-200	AV02CID-201	AV05CID-200	AV05CID-201
	 Full HD 2MP 	 Full HD 2MP 	 5MP 	 5MP 
Image Sensor	1080p (2.1MP) CMOS Progressive Sensor	1080p (2.1MP) CMOS Progressive Sensor	5MP CMOS Progressive Sensor	5MP CMOS Progressive Sensor
Max. Resolution	2MP 1920x1080	2MP 1920x1080	5MP 2592x1944	5MP 2592x1944
Lens Type	MFZ Lens	Fixed-focal	MFZ Lens	Fixed-focal
Focal Length	2.7-13.5mm	3.6mm	2.7-13.5mm	3.6mm
Aperture	F1.4	F2.0	F1.4	F2.0
Iris Control	Auto/Manual		Auto/Manual	Auto/Manual
Angular Field of View	H-FOV = 28°~100°, V-FOV = 16°~54°	H-FOV = 84°, V-FOV = 45°	H-FOV = 27°~79°, V-FOV = 20°~58°	H-FOV = 77°, V-FOV = 56°
Pan / Tilt Range	Adjustable 3-Axis Gimbal with Corridor Mode	Adjustable 3-Axis Gimbal with Corridor Mode	Adjustable 3-Axis Gimbal with Corridor Mode	Adjustable 3-Axis Gimbal with Corridor Mode
Min. Illumination	0.04 Lux (Color) 0.005Lux (B/W)	0.04 Lux (Color) 0.005Lux (B/W)	0.15 Lux (Color) 0.01Lux (B/W)	0.15 Lux (Color) 0.01Lux (B/W)
Dynamic Range	WDR 120dB	WDR 120dB	WDR 120dB	WDR 120dB
Day and Night	Auto or Manual	Auto or Manual	Auto or Manual	Auto or Manual
IR	IR	IR	IR	IR
IR Distance (LEDs)	66ft (20m) max	66ft (20m) max	66ft (20m) max	66ft (20m) max
Image Stabilizer	No	No	No	No
De-fog	No	No	No	No
Video Out	NA	NA	NA	NA
Video Compression	H.265/H.264/M-JPEG	H.265/H.264/M-JPEG	H.265/H.264/M-JPEG	H.265/H.264/M-JPEG
Intelligent Codec (SNAPstream+)	Yes	Yes	Yes	Yes
Audio Compression	G.711 PCM 8 kHz/8 bit	G.711 PCM 8 kHz/8 bit	G.711 PCM 8 kHz/8 bit	G.711 PCM 8 kHz/8 bit
Max. Frame Rate	60fps	60fps	30fps	30fps
Ethernet	10/100Base-T Ethernet network interface, RJ45	10/100Base-T Ethernet network interface, RJ45	10/100Base-T Ethernet network interface, RJ45	10/100Base-T Ethernet network interface, RJ45
Recording Session Buffer (NLTsrec)	NA	NA	NA	NA
Edge Storage	MicroSDXC slot up to 1TB (card not included)	MicroSDXC slot up to 1TB (card not included)	MicroSDXC slot up to 1TB (card not included)	MicroSDXC slot up to 1TB (card not included)
Trigger Event	Motion detection, tampering detection, alarm in, Video AI	Motion detection, tampering detection, alarm in	Motion detection, tampering detection, alarm in, Video AI	Motion detection, tampering detection, alarm in
Audio	Yes	Yes	Yes	Yes
Audio In / Out	Line in (with amplification) / Line output	Line in (with amplification) / Line output	Line in (with amplification) / Line output	Line in (with amplification) / Line output
Alarm In / Out	1 input (wet contact)/1 output (wet contact)	1 input (wet contact)/1 output (wet contact)	1 input (wet contact)/1 output (wet contact)	1 input (wet contact)/1 output (wet contact)
Vandal Proof Casing	NA	NA	NA	NA
Outdoor Ready	NA	NA	NA	NA
Operating Temperature	-10°C (-4°F) to +50°C (122°F)	-10°C (-4°F) to +50°C (122°F)	-10°C (-4°F) to +50°C (122°F)	-10°C (-4°F) to +50°C (122°F)
Dimensions (W x H x D)	4.52 inches (114mm) x 3.65 inches (92.6mm) Round	4.52 inches (114mm) x 3.65 inches (92.6mm) Round	4.52 inches (114mm) x 3.65 inches (92.6mm) Round	4.52 inches (114mm) x 3.65 inches (92.6mm) Round
Weight	Unit .79lbs (0.35kg) Packaged 1.21lbs (0.55kg)	Unit .79lbs (0.35kg) Packaged 1.21lbs (0.55kg)	Unit .79lbs (0.35kg) Packaged 1.21lbs (0.55kg)	Unit .79lbs (0.35kg) Packaged 1.21lbs (0.55kg)
Power Source	PoE/12V DC	PoE	PoE/12V DC	PoE
Power Consumption	8.5W max	8.5W max	10W max	10W max
Multi sensor	NA	NA	NA	NA
IP Camera Protocol	Onvif Profile S, G, M, and T conformant	Onvif Profile S, G, and T conformant	Onvif Profile S, G, M, and T conformant	Onvif Profile S, G, and T conformant
PTZ	NA	NA	NA	NA
Remote Zoom	Yes	No	Yes	No
Remote Focus	Yes	Yes	Yes	Yes
Analytics	Std-Included Advanced-Optional	No	Std-Included Advanced-Optional	No

MICRO DOME CAMERAS

Model Name	Micro Dome		
	AV2856DNIR-S	AV5856DNIR-S	AV8856DNIR-S
	 Full HD 2MP NDAA Compliant TAA Compliant	 5MP NDAA Compliant TAA Compliant	 4K 8MP NDAA Compliant TAA Compliant
Image Sensor	1080p (2.1MP) CMOS Progressive Sensor	5MP CMOS Progressive Sensor	8MP CMOS Progressive Sensor
Max. Resolution	2MP 1920x1080	5MP 2592x1944	8MP 3840x2160
Lens Type	Fixed-focal	Fixed-focal	Fixed-focal
Focal Length	2.8mm	2.8mm	2.8mm
Aperture	F1.6	F1.6	F1.6
Iris Control	Auto/Manual	Auto/Manual	Auto/Manual
Angular Field of View	H = 106.7°	H = 98°	H = 106.7°
Pan / Tilt Range	3-axis camera adjustment w/ 359° pan and 90° tilt and 360° z-axis	3-axis camera adjustment w/ 359° pan and 90° tilt and 360° z-axis	3-axis camera adjustment w/ 359° pan and 90° tilt and 360° z-axis
Min. Illumination	0.04 Lux (Color) 0.004Lux (B/W)	0.15 Lux (Color) 0.015Lux (B/W)	0.18 Lux (Color) 0.018Lux (B/W)
Dynamic Range	WDR 120dB	WDR 120dB	WDR 120dB
Day and Night	Auto/Manual	Auto/Manual	Auto/Manual
IR	IR	IR	IR
IR Distance (LEDs)	50ft (15m)	50ft (15m)	50ft (15m)
Image Stabilizer	No	No	No
De-fog	No	No	No
Video Out	NA	NA	NA
Video Compression	H.265/H.264/M-JPEG	H.265/H.264/M-JPEG	H.265/H.264/M-JPEG
Intelligent Codec (SNAPstream+)	Yes	Yes	Yes
Audio Compression	NA	NA	NA
Max. Frame Rate	30fps	30fps	30fps
Ethernet	10/100Base-T Ethernet network interface, RJ45	10/100Base-T Ethernet network interface, RJ45	10/100Base-T Ethernet network interface, RJ45
Recording Session Buffer (NLTsrec)	NA	NA	NA
Edge Storage	MicroSDXC slot up to 1TB (card not included)	MicroSDXC slot up to 1TB (card not included)	MicroSDXC slot up to 1TB (card not included)
Trigger Event	Motion detection, tampering detection, alarm in, Video AI	Motion detection, tampering detection, alarm in, Video AI	Motion detection, tampering detection, alarm in, Video AI
Audio	No	No	No
Audio In / Out	NA	NA	NA
Alarm In / Out	1 input (wet contact)/1 output (wet contact)	1 input (wet contact)/1 output (wet contact)	1 input (wet contact)/1 output (wet contact)
Vandal Proof Casing	IK-10	IK-10	IK-10
Outdoor Ready	IP66	IP66	IP66
Operating Temperature	-20°C (-4°F) to +50°C (122°F)	-20°C (-4°F) to +50°C (122°F)	-20°C (-4°F) to +50°C (122°F)
Dimensions (W x H x D)	4 inches (100mm) x 2.60 inches (66mm) Round	4 inches (100mm) x 2.60 inches (66mm) Round	4 inches (100mm) x 2.60 inches (66mm) Round
Weight	Unit .95lbs (0.43kg) Packaged 1.3lbs (0.6kg)	Unit .95lbs (0.43kg) Packaged 1.3lbs (0.6kg)	Unit .95lbs (0.43kg) Packaged 1.3lbs (0.6kg)
Power Source	PoE	PoE	PoE
Power Consumption	7.5W max	7.5W max	7.5W max
Multi sensor	NA	NA	NA
IP Camera Protocol	Onvif Profile S, G, M, and T conformant	Onvif Profile S, G, M, and T conformant	Onvif Profile S, G, M, and T conformant
PTZ	NA	NA	NA
Remote Zoom	No	No	No
Remote Focus	Yes	Yes	Yes
Analytics	Std-Included Advanced-Optional	Std-Included Advanced-Optional	Std-Included Advanced-Optional

MICRO DOME FLUSH CAMERAS

Model Name	Micro Dome Flush		
	AV2856DNIR-F	AV5856DNIR-F	AV8856DNIR-F
	 Full HD 2MP 	 5MP 	 4K 8MP 
Image Sensor	1080p (2.1MP) CMOS Progressive Sensor	5MP CMOS Progressive Sensor	8MP CMOS Progressive Sensor
Max. Resolution	2MP 1920x1080	5MP 2592x1944	8MP 3840x2160
Lens Type	Fixed-focal	Fixed-focal	Fixed-focal
Focal Length	2.8mm	2.8mm	2.8mm
Aperture	F1.6	F1.6	F1.6
Iris Control	Auto/Manual	Auto/Manual	Auto/Manual
Angular Field of View	H = 106.7°	H = 98°	H = 106.7°
Pan / Tilt Range	3-axis camera adjustment w/ 359° pan and 90° tilt and 360° z-axis	3-axis camera adjustment w/ 359° pan and 90° tilt and 360° z-axis	3-axis camera adjustment w/ 359° pan and 90° tilt and 360° z-axis
Min. Illumination	0.04 Lux (Color) 0.004Lux (B/W)	0.04 Lux (Color) 0.004Lux (B/W)	0.04 Lux (Color) 0.004Lux (B/W)
Dynamic Range	WDR 120dB	WDR 120dB	WDR 120dB
Day and Night	Auto/Manual	Auto/Manual	Auto/Manual
IR	IR	IR	IR
IR Distance (LEDs)	50ft (15m)	50ft (15m)	50ft (15m)
Image Stabilizer	No	No	No
De-fog	No	No	No
Video Out	NA	NA	NA
Video Compression	H.265/H.264/M-JPEG	H.265/H.264/M-JPEG	H.265/H.264/M-JPEG
Intelligent Codec (SNAPstream+)	Yes	Yes	Yes
Audio Compression	NA	NA	NA
Max. Frame Rate	30fps	30fps	30fps
Ethernet	10/100Base-T Ethernet network interface, RJ45	10/100Base-T Ethernet network interface, RJ45	10/100Base-T Ethernet network interface, RJ45
Recording Session Buffer (NLTsrec)	NA	NA	NA
Edge Storage	MicroSDXC slot up to 1TB (card not included)	MicroSDXC slot up to 1TB (card not included)	MicroSDXC slot up to 1TB (card not included)
Trigger Event	Motion detection, tampering detection, alarm in, Video AI	Motion detection, tampering detection, alarm in, Video AI	Motion detection, tampering detection, alarm in, Video AI
Audio	No	No	No
Audio In / Out	NA	NA	NA
Alarm In / Out	1 input (wet contact)/1 output (wet contact)	1 input (wet contact)/1 output (wet contact)	1 input (wet contact)/1 output (wet contact)
Vandal Proof Casing	IK-10	IK-10	IK-10
Outdoor Ready	NA	NA	NA
Operating Temperature	-5°C (23°F) to +50°C (122°F)	-5°C (23°F) to +50°C (122°F)	-5°C (23°F) to +50°C (122°F)
Dimensions (W x H x D)	4 inches (100mm) x 1.50 inches (38mm) Round	4 inches (100mm) x 1.50 inches (38mm) Round	4 inches (100mm) x 1.50 inches (38mm) Round
Weight	Unit .95lbs (0.43kg) Packaged 1.3lbs (0.6kg)	Unit .95lbs (0.43kg) Packaged 1.3lbs (0.6kg)	Unit .95lbs (0.43kg) Packaged 1.3lbs (0.6kg)
Power Source	PoE	PoE	PoE
Power Consumption	7.5W max	7.5W max	7.5W max
Multi sensor	NA	NA	NA
IP Camera Protocol	Onvif Profile S, G, M, and T conformant	Onvif Profile S, G, M, and T conformant	Onvif Profile S, G, and T conformant
PTZ	NA	NA	NA
Remote Zoom	No	No	No
Remote Focus	Yes	Yes	Yes
Analytics	Std-Included Advanced-Optional	Std-Included Advanced-Optional	Std-Included Advanced-Optional



Two in One

Contera IP MicroDome Duo LX Camera

The ConteraIP MicroDome Duo features twin multi-megapixel cameras in a compact IK-10/IP66 outdoor-ready housing, ideal for a variety of professional indoor/outdoor surveillance requirements. Applications include coverage of a hallway or walkway, monitoring POS terminals or ATMs, or for viewing of a single wide area or two distinct regions.

ConteraIP MicroDome Duo is available with a choice of 4-, 10-, or 16-megapixel (MP) resolutions and supports interchangeable lenses from 2.4mm-16mm.

MICRO DOME DUO CAMERAS

Model Name	Micro Dome Duo		
	AV4956DN-28	AV10956DN-28	AV16956DN-28
	 2 x Full HD 2MP NDAA Compliant TAA Compliant	 2 x 5MP NDAA Compliant TAA Compliant	 2 x 4K 8MP NDAA Compliant TAA Compliant
Image Sensor	1080p (2.1MP) CMOS Progressive Sensor x 2	5MP CMOS Progressive Sensor x 2	8MP CMOS Progressive Sensor x 2
Max. Resolution	4MP 2x 1920x1080	10MP 2x 2592x1944	16MP 2x 3840x2160
Lens Type	Fixed-focal	Fixed-focal	Fixed-focal
Focal Length	2.8mm	2.8mm	2.8mm
Aperture	F1.6	F1.6	F1.6
Iris Control	Auto/Manual	Auto/Manual	Auto/Manual
Angular Field of View	H-FOV = 106.7°	H-FOV = 98°	H-FOV = 106.7°
Pan / Tilt Range	3-axis camera adjustment w/ 359° pan and 90° tilt and 360° z-axis	3-axis camera adjustment w/ 359° pan and 90° tilt and 360° z-axis	3-axis camera adjustment w/ 359° pan and 90° tilt and 360° z-axis
Min. Illumination	0.04 Lux (Color) 0.004Lux (B/W)	0.15 Lux (Color) 0.015Lux (B/W)	0.18 Lux (Color) 0.018Lux (B/W)
Dynamic Range	100dB	100dB	100dB
Day and Night	Auto/Manual	Yes	Yes
IR	No	No	No
IR Distance (LEDs)	NA	NA	NA
Image Stabilizer	No	No	No
De-fog	No	No	No
Video Out	NA	NA	NA
Video Compression	H.265/H.264/M-JPEG	H.265/H.264/M-JPEG	H.265/H.264/M-JPEG
Intelligent Codec (SNAPstream+)	Yes	Yes	Yes
Audio Compression	NA	NA	NA
Max. Frame Rate	30fps	15fps	15fps
Ethernet	10/100Base-T Ethernet network interface, RJ45	10/100Base-T Ethernet network interface, RJ45	10/100Base-T Ethernet network interface, RJ45
Recording Session Buffer (NLTsrec)	NA	NA	NA
Edge Storage	MicroSDXC slot up to 1TB (card not included)	MicroSDXC slot up to 1TB (card not included)	MicroSDXC slot up to 1TB (card not included)
Trigger Event	Motion detection, tampering detection, alarm in	Motion detection, tampering detection, alarm in	Motion detection, tampering detection, alarm in
Audio	Yes	Yes	Yes
Audio In / Out	Line in (with amplification) / Line output	Line in (with amplification) / Line output	Line in (with amplification) / Line output
Alarm In / Out	1 input (wet contact)/1 output (wet contact)	1 input (wet contact)/1 output (wet contact)	1 input (wet contact)/1 output (wet contact)
Vandal Proof Casing	IK-10	IK-10	IK-10
Outdoor Ready	IP66	IP66	IP66
Operating Temperature	-40°C (-40°F) to +50°C (122°F)	-40°C (-40°F) to +50°C (122°F)	-40°C (-40°F) to +50°C (122°F)
Dimensions (W x H x D)	6.42 inches (163mm) x 2.83 inches (71.9mm) x 4.06 inches (103mm)	6.42 inches (163mm) x 2.83 inches (71.9mm) x 4.06 inches (103mm)	6.42 inches (163mm) x 2.83 inches (71.9mm) x 4.06 inches (103mm)
Weight	Unit 2.2lbs (1.0kg) Packaged 2.6lbs (1.2kg)	Unit 2.2lbs (1.0kg) Packaged 2.6lbs (1.2kg)	Unit 2.2lbs (1.0kg) Packaged 2.6lbs (1.2kg)
Power Source	PoE, 12-48V DC, 24V AC	PoE, 12-48V DC, 24V AC	PoE, 12-48V DC, 24V AC
Power Consumption	10.5W max	10.5W max	10.5W max
Multi sensor	2 Sensor Camera	2 Sensor Camera	2 Sensor Camera
IP Camera Protocol	Onvif Profile S, G, and T conformant	Onvif Profile S, G, and T conformant	Onvif Profile S, G, and T conformant
PTZ	NA	NA	NA
Remote Zoom	No	No	No
Remote Focus	Yes	Yes	Yes
Analytics	No	No	No



360° WITH NO BLIND SPOTS

Contera IP Fisheye Megapixel Camera

This camera is ideal for eliminating multiple cameras in smaller spaces with its full 360° field of view.

The Contera Fisheye includes built-in IR LED illumination, WDR, and NightView and an integrated microphone and speaker in a IK-10/IP66 outdoor-ready housing.

The highlighted parts to be updated as below.

It also features multiple viewing modes: Web Interface-the standard fisheye, four independent PTZ streams, stacked 180° panoramic views, and multiple VMS Integrations.

FISHEYE CAMERAS

	Fisheye
	AV12CFE-250
Model Name	 12MP 
Image Sensor	12MP CMOS Progressive Sensor
Max. Resolution	12MP 2992x2992
Lens Type	Fixed-focal
Focal Length	1.97mm
Aperture	F1.6
Iris Control	Auto/Manual
Angular Field of View	NA
Pan / Tilt Range	NA
Min. Illumination	0.18 Lux (Color) 0.018Lux (B/W)
Dynamic Range	100dB
Day and Night	Yes
IR	No
IR Distance (LEDs)	NA
Image Stabilizer	No
De-fog	No
Video Out	NA
Video Compression	H.265/H.264/M-JPEG
Intelligent Codec (SNAPstream+)	Yes
Audio Compression	G.711 PCM 8 kHz/16 bits (A-Law/μ-Law)
Max. Frame Rate	15fps
Ethernet	10/100Base-T Ethernet network interface, RJ46
Recording Session Buffer (NLTsrec)	NA
Edge Storage	MicroSDXC slot up to 1TB (card not included)
Trigger Event	Motion detection, tampering detection, alarm in
Audio	Yes
Audio In / Out	Line in (with amplification) / Line output
Alarm In / Out	2 input (wet contact)/1 output (wet contact)
Vandal Proof Casing	IK-10
Outdoor Ready	IP66
Operating Temperature	-40°C (-40°F) to +50°C (122°F)
Dimensions (W x H x D)	6.42 inches (163mm) x 2.83 inches (71.9mm) x 4.06 inches (103mm)
Weight	Unit 2.2lbs (1.0kg) Packaged 2.6lbs (1.2kg)
Power Source	PoE / 12V DC
Power Consumption	15W max
Multi sensor	NA
IP Camera Protocol	Onvif Profile S, G, M, and T conformant
PTZ	NA
Remote Zoom	No
Remote Focus	No
Analytics	Std-Included Advanced-Optional

Four Sensors with Remote Setup

Omni LX Remote Setup

Ideal for replacing multiple cameras or PTZs, Omni LX RS has four independent varifocal lens sensors that can be set up completely remotely with pan, tilt, focus, and zoom functionality.

Configuration presets allow the user to simply click on a default 180°, 270°, or 360° configuration or create custom presets right from the camera's webpage. Omni LX RS is available in 20- or 32-megapixel (MP) resolutions at frame rates up to 30fps and features NightView and an IK-10/IP66 outdoor-ready housing.



MULTI-IMAGER CAMERAS

Model Name	Multi-Imager (Omni LX Remote Setup)		
	AV20576RS	AV20576RS-QDRJ45	AV20576RSIR
	 4 x 5MP NDAA TAA	 4 x 5MP NDAA TAA	 4 x 5MP NDAA TAA
Image Sensor	5MP CMOS Progressive Sensor x 4	5MP CMOS Progressive Sensor x 4	5MP CMOS Progressive Sensor x 4
Max. Resolution	20MP 4x 2592x1944	20MP 4x 2592x1944	20MP 4x 2592x1944
Lens Type	Motorized Lens	Motorized Lens	Motorized Lens
Focal Length	3.6-6.6mm	3.6-6.6mm	2.7-13.5mm
Aperture	F1.6	F1.6	F1.6
Iris Control	Auto/Manual	Auto/Manual	Auto/Manual
Angular Field of View	H-FOV = 42°-96°	H-FOV = 42°-96°	H-FOV = 30°-101°
Pan / Tilt Range	2 Axis Motorized	2 Axis Motorized	2 Axis Motorized
Min. Illumination	0.15 Lux (Color) 0.015Lux (B/W)	0.15 Lux (Color) 0.015Lux (B/W)	0.15 Lux (Color) 0.015Lux (B/W)
Dynamic Range	120dB DOL	120dB DOL	120dB DOL
Day and Night	Yes	Yes	Yes
IR	No	No	Yes
IR Distance (LEDs)	NA	NA	98.4ft (30m)
Image Stabilizer	No	No	No
De-fog	No	No	No
Video Out	NA	NA	NA
Video Compression	H.265/H.264/M-JPEG	H.265/H.264/M-JPEG	H.265/H.264/M-JPEG
Intelligent Codec (SNAPstream+)	Yes	Yes	Yes
Audio Compression	G.711 PCM 8 kHz/8 bit	G.711 PCM 8 kHz/8 bit	G.711 PCM 8 kHz/8 bit
Max. Frame Rate	30fps	30fps	30fps
Ethernet	10/100Base-T Ethernet network interface, RJ45	10/100Base-T Ethernet network interface, RJ45	10/100Base-T Ethernet network interface, RJ45
Recording Session Buffer (NLTsrec)	NA	NA	NA
Edge Storage	MicroSDXC slot up to 1TB (card not included)	MicroSDXC slot up to 1TB (card not included)	2 x MicroSDXC slots up to 1TB each (cards not included)
Trigger Event	Motion detection, tampering detection, alarm in, AI Video	Motion detection, tampering detection, alarm in, AI Video	Motion detection, tampering detection, alarm in, AI Video
Audio	Yes	Yes	Yes
Audio In / Out	Line in (with amplification) / Line output	Line in (with amplification) / Line output	Line in (with amplification) / Line output
Alarm In / Out	3 input (wet contact)/1 output (wet contact)	4 input (wet contact)/1 output (wet contact)	5 input (wet contact)/1 output (wet contact)
Vandal Proof Casing	IK-10	IK-10	IK-10
Outdoor Ready	IP66	IP66	IP66
Operating Temperature	-40°C (-40°F) to +50°C (122°F)	-40°C (-40°F) to +50°C (122°F)	-40°C (-40°F) to +50°C (122°F)
Dimensions (W x H x D)	8.8 inches (223.4mm) x 4.9 inches (125.4mm) Round	8.8 inches (223.4mm) x 4.9 inches (125.4mm) Round	9.72 inches (214.31mm) x 7.95 inches (202mm) Round
Weight	Unit 5.2lbs (2.36kg) Packaged 5.9lbs (2.68kg)	Unit 5.2lbs (2.36kg) Packaged 5.9lbs (2.68kg)	Unit 7.55lbs (3.43kg) Packaged 10.09lbs (4.58kg)
Power Source	PoE+/24-48V DC/24V AC	PoE+/24-48V DC/24V AC	PoE++/24V DC/24V AC
Power Consumption	25.W max	25.W max	40W max
Multi sensor	4 Sensor Camera	4 Sensor Camera	4 Sensor Camera
IP Camera Protocol	Onvif Profile S, G, M, and T conformant	Onvif Profile S, G, M, and T conformant	Onvif Profile S, G, M, and T conformant
PTZ	NA	NA	NA
Remote Zoom	Yes	Yes	Yes
Remote Focus	Yes	Yes	Yes
Analytics	Std-Included Advanced-Optional	Std-Included Advanced-Optional	Std-Included Advanced-Optional

MULTI-IMAGER CAMERAS

Model Name	Multi-Imager (Omni LX Remote Setup)		
	AV20576RSIR-QDRJ45	AV32576RSIR	AV32576RSIR-QDRJ45
	 4 x 5MP NDAA TAA	 4 x 4K 8MP NDAA TAA	 4 x 4K 8MP NDAA TAA
Image Sensor	5MP CMOS Progressive Sensor x 4	8MP CMOS Progressive Sensor x 4	8MP CMOS Progressive Sensor x 4
Max. Resolution	20MP 4x 2592x1944	32MP 4x 3840x2160	32MP 4x 3840x2160
Lens Type	Motorized Lens	Motorized Lens	Motorized Lens
Focal Length	2.7-13.5mm	4-10mm	4-10mm
Aperture	F1.6	F1.6	F1.6
Iris Control	Auto/Manual	Auto/Manual	Auto/Manual
Angular Field of View	H-FOV = 30°~101°	H-FOV = 45°~110°	H-FOV = 45°~110°
Pan / Tilt Range	2 Axis Motorized	2 Axis Motorized	2 Axis Motorized
Min. Illumination	0.15 Lux (Color) 0.015Lux (B/W)	0.15 Lux (Color) 0.015Lux (B/W)	0.15 Lux (Color) 0.015Lux (B/W)
Dynamic Range	120dB DOL	120dB DOL	120dB DOL
Day and Night	Yes	Yes	Yes
IR	Yes	Yes	Yes
IR Distance (LEDs)	98.4ft (30m)	98.4ft (30m)	98.4ft (30m)
Image Stabilizer	No	No	No
De-fog	No	No	No
Video Out	NA	NA	NA
Video Compression	H.265/H.264/M-JPEG	H.265/H.264/M-JPEG	H.265/H.264/M-JPEG
Intelligent Codec (SNAPstream+)	Yes	Yes	Yes
Audio Compression	G.711 PCM 8 kHz/8 bit	G.711 PCM 8 kHz/8 bit	G.711 PCM 8 kHz/8 bit
Max. Frame Rate	30fps	30fps	30fps
Ethernet	10/100Base-T Ethernet network interface, RJ45	10/100Base-T Ethernet network interface, RJ45	10/100Base-T Ethernet network interface, RJ45
Recording Session Buffer (NLTsrec)	NA	NA	NA
Edge Storage	2 x MicroSDXC slots up to 1TB each (cards not included)	2 x MicroSDXC slots up to 1TB each (cards not included)	2 x MicroSDXC slots up to 1TB each (cards not included)
Trigger Event	Motion detection, tampering detection, alarm in, AI Video	Motion detection, tampering detection, alarm in, AI Video	Motion detection, tampering detection, alarm in, AI Video
Audio	Yes	Yes	Yes
Audio In / Out	Line in (with amplification) / Line output	Line in (with amplification) / Line output	Line in (with amplification) / Line output
Alarm In / Out	6 input (wet contact)/1 output (wet contact)	7 input (wet contact)/1 output (wet contact)	8 input (wet contact)/1 output (wet contact)
Vandal Proof Casing	IK-10	IK-10	IK-10
Outdoor Ready	IP66	IP66	IP66
Operating Temperature	-40°C (-40°F) to +50°C (122°F)	-40°C (-40°F) to +50°C (122°F)	-40°C (-40°F) to +50°C (122°F)
Dimensions (W x H x D)	9.72 inches (214.31mm) x 7.95 inches (202mm) Round	9.72 inches (214.31mm) x 7.95 inches (202mm) Round	9.72 inches (214.31mm) x 7.95 inches (202mm) Round
Weight	Unit 7.55lbs (3.43kg) Packaged 10.09lbs (4.58kg)	Unit 7.55lbs (3.43kg) Packaged 10.09lbs (4.58kg)	Unit 7.55lbs (3.43kg) Packaged 10.09lbs (4.58kg)
Power Source	PoE++/24V DC/24V AC	PoE++/24V DC/24V AC	PoE++/24V DC/24V AC
Power Consumption	40W max	40W max	40W max
Multi sensor	4 Sensor Camera	4 Sensor Camera	4 Sensor Camera
IP Camera Protocol	Onvif Profile S, G, M, and T conformant	Onvif Profile S, G, M, and T conformant	Onvif Profile S, G, M, and T conformant
PTZ	NA	NA	NA
Remote Zoom	Yes	Yes	Yes
Remote Focus	Yes	Yes	Yes
Analytics	Std-Included Advanced-Optional	Std-Included Advanced-Optional	Std-Included Advanced-Optional



Low-Profile, Multi-Sensor Versatility

Omni LX

Omni LX packs four remote focus 3-axis gimbals into a low-profile and compact housing.

With 70+ possible sensor placements, including standard and custom configurations, and supports interchangeable lenses from 2.4mm-16mm with remote focus, the possibilities are almost endless.

MULTI-IMAGER CAMERAS

Model Name	Multi-Imager (Omni LX)	
	AV8576DN-28	AV20576DN-28
	 4 x Full HD 2MP NDAA Compliant TAA Compliant	 4 x 5MP NDAA Compliant TAA Compliant
Image Sensor	2MP CMOS Progressive Sensor x 4	5MP CMOS Progressive Sensor x 4
Max. Resolution	8MP	20MP
	4x 1920x1080	4x 2592x1944
Lens Type	Fixed-focal	Fixed-focal
Focal Length	2.8mm	2.8mm
Aperture	F1.6	F1.6
Iris Control	Auto/Manual	Auto/Manual
Angular Field of View	H-FOV = 98°	H-FOV = 98°
Pan / Tilt Range	3 -Axis Adjustable	3 -Axis Adjustable
Min. Illumination	0.15 Lux (Color) 0.015Lux (B/W)	0.15 Lux (Color) 0.015Lux (B/W)
Dynamic Range	100dB	100dB
Day and Night	Yes	Yes
IR	No	No
IR Distance (LEDs)	NA	NA
Image Stabilizer	No	No
De-fog	No	No
Video Out	NA	NA
Video Compression	H.265/H.264/M-JPEG	H.265/H.264/M-JPEG
Intelligent Codec (SNAPstream+)	Yes	Yes
Audio Compression	G.711 PCM 8 kHz/8 bit	
Max. Frame Rate	30fps	15fps
Ethernet	10/100Base-T Ethernet network interface, RJ45	10/100Base-T Ethernet network interface, RJ45
Recording Session Buffer (NLTSec)	NA	NA
Edge Storage	MicroSDXC slot up to 1TB (card not included)	MicroSDXC slot up to 1TB (card not included)
Trigger Event	Motion detection, tampering detection, alarm in	Motion detection, tampering detection, alarm in
Audio	Yes	Yes
Audio In / Out	Line in (with amplification) / Line output	Line in (with amplification) / Line output
Alarm In / Out	9 input (wet contact)/1 output (wet contact)	10 input (wet contact)/1 output (wet contact)
Vandal Proof Casing	IK-10	IK-10
Outdoor Ready	IP66	IP66
Operating Temperature	-40°C (-40°F) to +50°C (122°F)	-40°C (-40°F) to +50°C (122°F)
Dimensions (W x H x D)	7.7 inches (196mm) x 3.1 inches (78.5mm) Round	7.7 inches (196mm) x 3.1 inches (78.5mm) Round
Weight	Unit 3.8lbs (1.7kg) Packaged 4.4lbs (2.0kg)	Unit 3.8lbs (1.7kg) Packaged 4.4lbs (2.0kg)
Power Source	PoE+/12-48V DC/24V AC	PoE+/12-48V DC/24V AC
Power Consumption	14W max	14W max
Multi sensor	4 Sensor Camera	4 Sensor Camera
IP Camera Protocol	Onvif Profile S, G, and T conformant	Onvif Profile S, G, and T conformant
PTZ	NA	NA
Remote Zoom	No	No
Remote Focus	Yes	Yes
Analytics	No	No

NETWORK VIDEO RECORDERS

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and individualized services at
competitive rates and more
PoE capacity.



IDIS and NDAA Compliant

The National Defense Authorization Act



NDAA Summary

The John S. McCain National Defense Authorization Act (NDAA) for Fiscal Year 2019 was signed into law on August 13, 2018 and effective from August 2020. The law, specifically Section 889, prohibits federal agencies, their contractors and grant or loan recipients from procuring or using “telecommunications and video surveillance equipment or services” from specific Chinese companies as a “substantial or essential component of any system, or as critical technology as part of any system.” The NDAA ban includes telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation, as well as video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company.

IDIS Equipment

IDIS provides NDAA compliant products, which includes solutions marketed to the US federal government, Department of Defense (DoD), and associated contractors. The following IDIS cameras and network video recorders (NVRs) do not use or deploy critical components or System-on-a-Chip (SOC) circuits produced by NDAA banned component vendors, making them compliant with the NDAA.

Made in **KOREA**



DR-8000 SERIES

Model Name	DirectIP 8500 Series H.265 4K Recorder		
	DR-8564D	DR-8532D	DR-8532
	 	 	 
VIDEO			
Video Inputs	64 IP Channels	32 IP Channels	32 IP Channels
Max. Incoming Throughput	540 Mbps	370Mbps	370Mbps
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF	DirectIP, AXIS, PANASONIC, ONVIF	DirectIP, AXIS, PANASONIC, ONVIF
Video Outputs	2 HDMI	2 HDMI	2 HDMI
Display Resolution	HDMI : 3840 x 2160, 1920 x 1200 , 1920 x 1080, 1680 x 1050, 1600 x 1200	HDMI : 3840 x 2160, 1920 x 1200 , 1920 x 1080, 1680 x 1050, 1600 x 1200	HDMI : 3840 x 2160, 1920 x 1200 , 1920 x 1080, 1680 x 1050, 1600 x 1200
Display Speed	Up to 1080ips	Up to 960ips	Up to 960ips
RECORDING			
Max. Throughput	400 Mbps, 1920 ips@UHD	230Mbps, 960ips@UHD	230Mbps, 960ips@UHD
Recording Resolution	Up to 12MP (Depending on IP Camera)	Up to 12MP (Depending on IP Camera)	Up to 12MP (Depending on IP Camera)
Video Compression	H.265, H.264	H.265, H.264	H.265, H.264
Recording Mode	Time-lapse, Event, Pre-event, Panic	Time-lapse, Event, Pre-event, Panic	Time-lapse, Event, Pre-event, Panic
Trigger Event	IDLA(Object Detection, Intrusion, Loitering, Line Crossing, Face Detection), BI(Exceed Occupancy Limit, Social Distancing, Mask Rule Violation, Queue Congestion), Motion, Trip-zone, Tampering, Video Loss, Audio Detection, Alarm In, Network Alarm, Text-in, System, Etc.		
PLAYBACK			
Performance	64ch Synchronous Playback	32ch Synchronous Playback	32ch Synchronous Playback
Search Mode	Time-lapse, Event Log, Text-in, Thumbnail, Metadata(via IDIS Center, IDIS Solution Suite)	Time-lapse, Event Log, Text-in, Thumbnail, Metadata (via IDIS Center, IDIS Solution Suite)	Time-lapse, Event Log, Text-in, Thumbnail, Metadata (via IDIS Center, IDIS Solution Suite)
STORAGE			
HDD	SATA x8, RAID 1, 5, 10 Supported	SATA x 8, eSATA x 4, RAID 1, 5, 6, 10 Supported	SATA x 8, eSATA x 4, RAID 1, 5, 6, 10 Supported
NETWORK			
Client Connection	Gigabit Ethernet (Client) x 1	Gigabit Ethernet (Client) x 1	Gigabit Ethernet (Client) x 1
Video In Connection	Gigabit Ethernet (Video In) x 3, SFP (Video In) x 2	Gigabit Ethernet (Video In) x 3, SFP (Video In) x 2	Gigabit Ethernet (Video In) x 3, SFP (Video In) x 2
Transmission Speed	50 Mbps / 100 Mbps (BRP Mode)	50 Mbps / 100 Mbps (BRP Mode)	50 Mbps / 100 Mbps (BRP Mode)
PSE Power	-	-	-
INTERFACE			
Audio In / Out	Local (NVR) : 1 RCA / 1RCA + 2HDMI IP Camera : 64 / 64 (Depending on IP Camera)	Local (NVR) : 1 RCA / 1RCA + 2HDMI IP Camera : 32 / 32 (Depending on IP Camera)	Local (NVR) : 1 RCA / 1RCA + 2HDMI IP Camera : 32 / 32 (Depending on IP Camera)
Alarm In / Out	Local(NVR) : 4 / 1 IP Camera : 64 / 64 (Depending on IP Camera)	Local(NVR) : 16 / 4 IP Camera : 32 / 32 (Depending on IP Camera)	Local(NVR) : 16 / 4 IP Camera : 32 / 32 (Depending on IP Camera)
Alarm Reset In	Yes	Yes	Yes
Serial Interface	RS232 (Terminal Block), RS485 (Terminal Block)	RS 232 (Terminal Block), RS 485 (Terminal Block)	RS 232 (Terminal Block), RS 485 (Terminal Block)
USB	USB 2.0 x 2, USB 3.0 x 1	USB 2.0 x 2, USB 3.0 x 1	USB 2.0 x 2, USB 3.0 x 1
GENERAL			
Operating System	Embedded Linux	Embedded Linux	Embedded Linux
Dimensions (W x H x D)	482.6mm x 88mm x 529.5mm (19" x 3.5" x 20.8")	482.6mm x 88mm x 529.5mm (19" x 3.5" x 20.8")	482.6mm x 88mm x 529.5mm (19" x 3.5" x 20.8")
Unit Weight	12.2kg (27.0lb) (with 2 HDDs)	12.6kg (27.8lb) (with 2 HDDs)	11.25kg (24.8lb) (with 2 HDDs)
Power Input	100-240V~, 50/60Hz, 8.0 - 4.0A	100-240V~, 50/60Hz, 8.0 - 4.0A	100-240V~, 50/60Hz, 6.0 - 3.0A
Power Consumption	100-240V~, 50/60Hz, 8.0 - 4.0A, 145W x2	100-240V~, 50/60Hz, 8.0 - 4.0A, 100W x 2	100-240V~, 50/60Hz, 6.0 - 3.0A, 130W
Approvals	FCC, UL, CE, CB, KC, PSE	FCC, UL, CE, CB, KC, PSE	FCC, UL, CE, CB, KC, PSE

* Maximum HDD capacity Will be updated as new HDD models become available.
For the most recent information, please check http://designtool.idisglobal.com/design_tool/product_compatibility.php

DR-6000 SERIES

Model Name	DirectIP 6500 Series H.265 4K Recorder		
	DR-6532P-A	DR-6516P-A	DR-6508P
	 	 	 
VIDEO			
Video Inputs	32 IP Channels	16 IP Channels	8 IP Channels
Max. Incoming Throughput	370 Mbps	320Mbps	270 Mbps
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF	DirectIP, AXIS, PANASONIC, ONVIF	DirectIP, AXIS, PANASONIC, ONVIF
Video Outputs	2 HDMI	2 HDMI	2 HDMI
Display Resolution	HDMI : 3840 x 2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200	HDMI : 3840 x 2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200	HDMI : 3840 x 2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200
Display Speed	Up to 960ips	Up to 480ips	Up to 240ips
RECORDING			
Max. Throughput	230 Mbps, 960 ips @ UHD	180Mbps, 480ips@UHD	140Mbps, 240ips @ UHD
Recording Resolution	Up to 12 MP (Depending on IP Camera)	Up to 12 MP (Depending on IP Camera)	Up to 12 MP (Depending on IP Camera)
Video Compression	H.265, H.264	H.265, H.264	H.265, H.264
Intelligent Codec	Supported	Supported	Supported
Recording Mode	Time-lapse, Event, Pre-event, Panic	Time-lapse, Event, Pre-event, Panic	Time-lapse, Event, Pre-event, Panic
Trigger Event	IDLA (Object Detection, Intrusion, Loitering, Line Crossing, Face Detection), BI (Exceed Occupancy Limit, Social Distancing, Mask Rule Violation, Queue Congestion), Motion, Trip-zone, Tampering, Video Loss, Audio Detection, Alarm In, Network Alarm, Text-in, System, Etc.		
PLAYBACK			
Performance	32ch Synchronous Playback	16ch Synchronous Playback	8 ch Synchronous Playback
Search Mode	Time-lapse, Event Log, Text-in, Thumbnail, Metadata (via IDIS Center, IDIS Solution Suite)	Time-lapse, Event Log, Text-in, Thumbnail, Metadata (via IDIS Center, IDIS Solution Suite)	Time-lapse, Event Log, Text-in, Thumbnail, Metadata (via IDIS Center, IDIS Solution Suite)
STORAGE			
HDD	SATA x 6, eSATA x 4, RAID 1 Supported	SATA x 6, eSATA x 4, RAID 1 Supported	SATA x 6, eSATA x 4, RAID 1 Supported
NETWORK			
Client Connection	Gigabit Ethernet (Client) x 1	Gigabit Ethernet (Client) x 1	Gigabit Ethernet (Client) x 1
Video In Connection	Gigabit Ethernet (IP Camera) x 16 + Gigabit Ethernet (Ext) x 1	Gigabit Ethernet (IP Camera) x 16 + Gigabit Ethernet (Ext) x 1	Gigabit Ethernet (IP Camera) x 8 + Gigabit Ethernet (Ext) x1
Transmission Speed	50Mbps / 100Mbps (BRP Mode)	50Mbps / 100Mbps (BRP Mode)	50Mbps / 100Mbps (BRP Mode)
PSE Power	PoE (IEEE 802.3at Class 4) Supported 16 Ports, 200W	PoE (IEEE 802.3at Class 4) Supported 16 Ports, 200W	PoE(IEEE 802.3at Class 4) Supported 8 Ports, 120 W
INTERFACE			
Audio In / Out	Local (NVR) : 1 RCA / 1RCA + 2 HDMI IP Camera : 32 / 32 (Depending on IP Camera)	Local (NVR) : 1 RCA / 1RCA + 2HDMI IP Camera :16 / 16 (Depending on IP Camera)	Local (NVR) : 1 RCA / 1 RCA + 2 HDMI IP Camera : 8 / 8 (Depending on IP Camera)
Alarm In / Out	Local (NVR) : 4 / 1 IP Camera : 32 / 32 (Depending on IP Camera)	Local(NVR) : 4 / 1 IP Camera : 16 / 16 (Depending on IP Camera)	Local (NVR) : 4 / 1 IP Camera : 8 / 8 (Depending on IP Camera)
Alarm Reset In	Yes	Yes	Yes
Serial Interface	RS 232 (Terminal Block), RS 485 (Terminal Block)	RS 232 (Terminal Block), RS 485 (Terminal Block)	RS 232 (Terminal Block), RS 485 (Terminal Block)
USB	USB 2.0 x 2, USB 3.0 x 1	USB 2.0 x 2, USB 3.0 x 1	USB 2.0 x 2, USB 3.0 x 1
GENERAL			
Operating System	Embedded Linux	Embedded Linux	Embedded Linux
Dimensions (W x H x D)	430mm x 88mm x 420mm (16.9" x 3.5" x 16.5")	430 mm x 88 mm x 412.8 mm (16.9" x 3.5" x 16.25")	430mm x 88mm x 420mm (16.9" x 3.5" x 16.5")
Unit Weight	6.75 kg (14.88 lb) (with 1HDD)	6.75 kg (14.88 lb) (with 1HDD)	6.75 kg (14.88 lb) (with 1HDD)
Power Input	100-240V~, 50/60Hz, 4.0-2.0A	100-240V~, 50/60Hz, 4.0-2.0A	AC 100-240 V, 50/60 Hz, 3.0 - 1.5 A
Power Consumption	100-240V~, 50/60Hz, 4.0-2.0A, 360W	100-240V~, 50/60Hz, 4.0-2.0A, 360W	100-240 V~, 50/60 Hz, 3.0-1.5 A, 250 W
Approvals	FCC, UL, CE, CB	FCC, UL, CE, CB	FCC, UL, CE, CB

* Maximum HDD capacity Will be updated as new HDD models become available.
For the most recent information, please check http://designtool.idisglobal.com/design_tool/product_compatibility.php

DR-2000 SERIES

Model Name	DirectIP 2500 Series H.265 4K Recorder		
	DR-2516P-A	DR-2508P-A	DR-2504P-B
	 	 	 
VIDEO			
Video Inputs	16 IP Channels	8 IP Channels	4 IP channels
Max. Incoming Throughput	320 Mbps	270 Mbps	160Mbps
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF	DirectIP, AXIS, PANASONIC, ONVIF	DirectIP, AXIS, PANASONIC, ONVIF
Video Outputs	1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA
Display Resolution	HDMI : 3840 x 2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200 / VGA : 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200		
Display Speed	Up to 480 ips	Up to 240ips	Up to 120ips
RECORDING			
Max. Throughput	180 Mbps, 480 ips@UHD	140 Mbps, 240 ips @ UHD	70Mbps, 120ips@UHD
Recording Resolution	Up to 12 MP (Depending on IP Camera)	Up to 12 MP (Depending on IP Camera)	Up to 12 MP (Depending on IP Camera)
Compression	H.265, H.264	H.265, H.264	H.265, H.264
Recording Mode	Time-Lapse, Event, Pre-Event, Panic	Time-Lapse, Event, Pre-Event, Panic	Time-Lapse, Event, Pre-Event, Panic
Trigger Event	IDLA(Object Detection, Intrusion, Loitering, Line Crossing, Face Detection), BI(Exceed Occupancy Limit, Social Distancing, Mask Rule Violation, Queue Congestion), Motion, Trip-zone, Tampering, Video Loss, Audio Detection, Alarm In, Network Alarm, Text-in, System, Etc.		
PLAYBACK			
Performance	16ch Synchronous Playback 8ch 4K Playback	8ch Synchronous Playback 8ch 4K Playback	4ch Synchronous Playback 4ch 4K Playback
Search Mode	Time-lapse, Event Log, Text-in, Thumbnail, Metadata(via IDIS Center, IDIS Solution Suite)		
STORAGE			
HDD	SATA x 2, eSATA x1	SATA x 2, eSATA x 1	SATA x 2, eSATA x1
NETWORK			
Client Connection	Gigabit Ethernet (Client) x 1	Gigabit Ethernet (Client) x 1	Gigabit Ethernet (Client) x 1
Video In Connection	Fast Ethernet (IP Camera) x 8 + Gigabit Ethernet (Ext) x 1	Fast Ethernet(IP Camera) x8 + Gigabit Ethernet (Ext) x1	Fast Ethernet(IP Camera) x4
Transmission Speed	50 Mbps / 100 Mbps (BRP Mode)	50Mbps / 100Mbps (BRP Mode)	50Mbps / 100Mbps(BRP Mode)
PSE Power	PoE(IEEE 802.3at class 4) supported 8 ports, 100W	PoE(IEEE 802.3at class 4) supported 8 ports, 100W	PoE(IEEE 802.3at class 4) supported 4 ports, 50W
INTERFACE			
Audio In / Out	Local (NVR) : - / 1RCA + 1HDMI IP Camera : 16 / 16 (Depending on IP Camera)	Local(NVR) : - / 1RCA + 1HDMI IP Camera : 8 / 8 (Depending on IP Camera)	Local(NVR) : - / 1RCA + 1HDMI IP Camera : 4 / 4 (Depending on IP Camera)
Alarm In / Out	Local (NVR) : 4 / 1 IP Camera : 16 / 16 (Depending on IP Camera)	Local(NVR) : 4 / 1 IP Camera : 8 / 8 (Depending on IP Camera)	Local(NVR) : 4 / 1 IP Camera : 4 / 4 (Depending on IP Camera)
Alarm Reset In	-	-	-
Serial Interface	RS 232 (Terminal Block)	RS 232 (Terminal Block)	RS 232 (Terminal Block)
USB	USB 2.0 x 1, USB 3.0 x 1	USB 2.0 x 1, USB 3.0 x 1	USB 2.0 x 1, USB 3.0 x 1
GENERAL			
Operating System	Embedded Linux	Embedded Linux	Embedded Linux
Dimensions (W x H x D)	300 mm x 62 mm x 231 mm (11.8" x 2.4" x 9.1")	300 mm x 62 mm x 231 mm (11.8" x 2.4" x 9.1")	300 mm x 62 mm x 231 mm (11.8" x 2.4" x 9.1")
Unit Weight	2.3 kg (5.1 lb) (with 1 HDD)	2.3kg (5.1lb) (with 1 HDD)	2.2kg (4.9lb) (with 1 HDD)
Power Input	NVR Adaptor (Input : 100-240V AC, 50/60Hz, 1.5A, Output : 12V DC, 5A) PSE Adaptor (Input : 100-240V AC, 50/60Hz, 2.5A, Output : 54V DC, 2.33A)	NVR Adaptor (Input : 100-240V AC, 50/60Hz, 1.5A, Output : 12V DC, 5A) PSE Adaptor (Input : 100-240V AC, 50/60Hz, 2.5A, Output : 54V DC, 2.33A)	NVR Adaptor (Input : 100-240V AC, 50/60Hz, 1.5A, Output : 12V DC, 5A) PSE Adaptor (Input : 100-240V AC, 50/60Hz, 1.2A, Output : 48V DC, 1.35A)
Power Consumption	NVR: 12V=, 2.2A, 26.4W PSE: 54V=, 1.85A, 100W MAX	NVR: 12V=, 2.2A, 26.4W PSE: 54V=, 1.85A, 100W MAX	NVR: 12V=, 2.2A, 26.4W PSE: 48V=, 1.04A, 50W MAX
Approvals	FCC, CE, KC	FCC, CE, KC	FCC, CE, KC

* Maximum HDD capacity Will be updated as new HDD models become available.
For the most recent information, please check http://designtool.idisglobal.com/design_tool/product_compatibility.php

DR-1000 SERIES

Model Name	DirectIP 1500 Series Full HD Recorder	
	DR-1508P-A	DR-1504P-A
		
VIDEO		
Video Inputs	8 IP Channels	4 IP Channels
Max. Incoming Throughput	100Mbps	60Mbps
Supported Camera	DirectIP	DirectIP
Video Outputs	1 HDMI, 1 VGA	1 HDMI, 1 VGA
Display Resolution	1920 x 1200 , 1920 x 1080, 1680 x 1050, 1600 x 1200	1920 x 1200 , 1920 x 1080, 1680 x 1050, 1600 x 1200
Display Speed	Up to 240ips	Up to 120ips
RECORDING		
Max. Throughput	40 Mbps, 240 ips@8MP	20Mbps, 120ips@8MP
Recording Resolution	Up to 8MP (Depending on IP Camera)	Up to 8MP (Depending on IP Camera)
Video Compression	H.265, H.264	H.265, H.264
Intelligent Codec	Supported	Supported
Recording Mode	Time-lapse, Event, Pre-event, Panic	Time-lapse, Event, Pre-event, Panic
Trigger Event	Motion, Trip-zone, Tampering, Video Loss, System, Etc.	Motion, Trip-zone, Tampering, Video Loss, System, Etc.
PLAYBACK		
Performance	4 ch Full HD Synchronous Playback	4 ch Full HD Synchronous Playback
Search Mode	Time-lapse, Event Log	Time-lapse, Event Log
STORAGE		
HDD	SATA x1	SATA x1
NETWORK		
Client Connection	Fast Ethernet (Client) x 1	Fast Ethernet (Client) x 1
Video In Connection	Fast Ethernet (IP Camera) x8	Fast Ethernet (IP Camera) x4
Transmission Speed	20 Mbps	20 Mbps
PSE Power	PoE (IEEE 802.3at Class 4) Supported 8 Ports, 70W	PoE (IEEE 802.3at Class 4) Supported 4 Ports, 35W
Two-way Audio	-	-
INTERFACE		
Audio In / Out	-	-
Alarm In / Out	-	-
Alarm Reset In	-	-
Serial Interface	-	-
USB	USB 2.0 x 2	USB 2.0 x 2
GENERAL		
Operating System	Embedded Linux	Embedded Linux
Dimensions (W x H x D)	205mm x 44.5mm x 216.4mm (8.07" x 1.75" x 8.52")	205mm x 44.5mm x 216.4mm (8.07" x 1.75" x 8.52")
Unit Weight	1.2kg (2.65 lb) (with 1 HDD)	1.2kg (2.65 lb) (with 1 HDD)
Power Input	NVR Adaptor (Input : 100-240V~, 50/60Hz, 2.5A, Output : 54V , 1.86A) - In countries using 200~240V such as UK NVR Adaptor (Input : 100-240V~, 50/60Hz, 2.5A, Output : 54V , 2.33A) - In countries using 100~127V such as US	NVR Adaptor (Input : 100-240V~, 50/60Hz, 1.5A, Output : 48V , 1.35A)
Power Consumption	54V~, 1.65A, 89W MAX	NVR: 48V , 1A, Max. 48W
Approvals	KC, CE, FCC	KC, CE, FCC

* Maximum HDD capacity Will be updated as new HDD models become available.
For the most recent information, please check http://designtool.idisglobal.com/design_tool/product_compatibility.php

ENTERPRISE NETWORK VIDEO RECORDERS

IR-310D



IDIS SOLUTION SUITE®

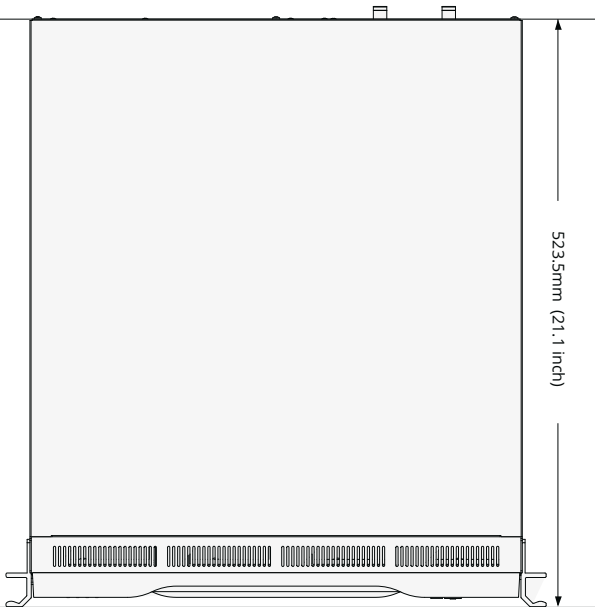
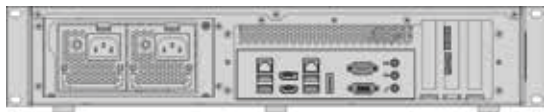
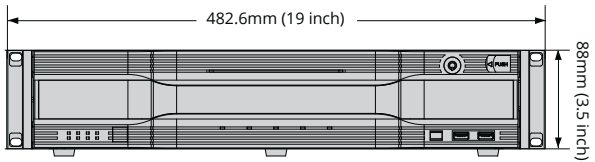
IDIS Ready to Install VMS Workstation
NDAA-Compliant



The IDIS Enterprise NVR, IR-310D, allows users to establish a reliable, high performance surveillance system in minutes while providing exceptional manageability. The IR-310D operating system(OS), powered by SSD and IDIS Solution Suite VMS, is perfect for large-scale systems and ensures mission-critical data retention through RAID and redundant power. IR-310D is ideal for building a powerful and economical surveillance system to meet enterprise level needs.

- Ready to Install VMS with Workstation
- Tested and validated with IDIS Solution Suite up to 64 Full HD H.264/265 IP cameras
- Storage configuration: 8 SATA + 3 eSATA Ports
- Supports up to 64 Full HD cameras in real-time for enterprise-level surveillance systems
- 400Mbps maximum recording bandwidth per server
- Complete compatibility with IDIS components: IP cameras, Analog DVR, DirectCX HD Analog, DirectIP NVR, and encoders
- 2U rack mount chassis
- Supports H.264, H.265 compression, and Intelligent Codec
- Supports Onvif Profile S, Axis, Panasonic, etc.

DIMENSIONS



SPECIFICATIONS

	IR-310D
	
VIDEO	
Video Inputs	64Ch Recommended
Video Outputs	2 HDMI 2.0
RECORDING	
Max. Throughput	Up to 400Mbps
STORAGE	
HDD	SATA x 8, eSATA x 3, RAID 1, 5, 10 Supported, Hot-swappable
SSD	240G SSD for Operating System (M.2 type)
NETWORK	
Network Connection	2 GbE RJ-45 Ports (1000Base-T)
INTERFACE	
USB	6 (2 Front USB 2.0 + 3 Back USB 3.0 Type-A + 1 Back USB 3.0 Type-C)
Serial Interface	-
GENERAL	
Supported Service	IDIS Solution Suite Expert and Federation Service
Supported Version	Version 3.6.0 or Higher
Operating System	Microsoft® Windows 10 IoT Enterprise
Processor	Intel® i5-10500, 3.1GHz
Memory	DDR4 PC-25600, 16GB
ENVIRONMENTAL	
Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Input	100-240V~, 50/60 Hz, 8.0 - 4.0A (Redundant)
Power Consumption	120W x 2
Approval	FCC, CE, CB, UL, PSE, KC
MECHANICAL	
Unit Dimensions (W x H x D)	482.6mm x 88mm x 537mm (19" x 3.5" x 21.1")
Unit Weight	12.6kg (27.8lb)

ENTERPRISE NETWORK VIDEO RECORDERS

NEW

IR-1200



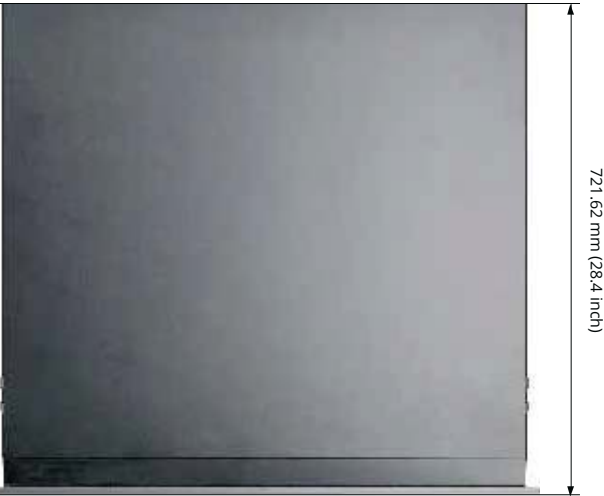
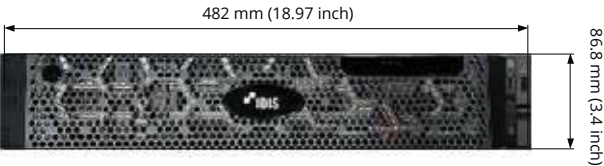
IDIS SOLUTION SUITE®

IDIS Ready to Install VMS Workstation
NDAA-Compliant



- Pre-installed with IDIS Solution Suite VMS
- Tested and validated with IDIS Solution Suite up to 256 Full HD H.264/H.265 IP cameras
- Supports up to 256 Full HD cameras in real-time for enterprise-level surveillance systems
- 1,024Mbps (128MBps) maximum recording bandwidth per server
- Redundancy of power for mission-critical reliability
- Complete compatibility with IDIS components: IP cameras, Analog DVR, DirectCX TVR, DirectIP NVR, and encoders
- Equipped with RAID 5, RAID 6 recording, Hot swappable
- Supports H.264, H.265 compression, and Intelligent Codec
- Supports Onvif Profile S, Axis, Panasonic, etc.

DIMENSIONS



SPECIFICATIONS

IR-1200		
GENERAL	Supported Service	IDIS Solution Suite Expert and Federation Service
	Supported Version	Version 2.6.0 or Higher
	Operating System	Microsoft® Embedded Windows Server 2022 IoT Std
	Network Connection	6 GbE RJ-45 Ports (1000Base-T)
	OS Storage	2 x M.2 480GB (RAID 1 configured)
	Recording Storage	8 Bay
	Hard Disk Drive Configuration	Up to 8 x Large Form Factor Near-line SATA Hard Disk Drives, Hot-swappable, RAID 5, RAID 6
	Processor	Intel® Xeon® Processor silver 4410Y 2G, 12C/24T
	Memory	16GB RAM (1 x 16GB DDR5-4800MT/s RDIMM)
	Video Out	2 VGA
	Approval	FCC Rating Class A, CISPR 22, EN55022, EN55024, FCC CFR 47, Pt 15, ICES-003, CvNS14336-1, CNS13438, GB4943, GB9254, EN 61000-3-2, EN61000-3-3, RoHS, Reach(SVHC), WEEE
RECORDING	Max. Throughput	Up to 1024Mbps (128MBps)
	Number of Cameras	Up to 256
MECHANICAL	Unit Dimensions (W x H x D)	482.0mm x 86.8mm x 721.62mm (18.97" x 3.41" x 28.4")
	Unit Weight	Max 28.6kg (63.0 lbs)
ELECTRICAL	Power Input	100-240 V AC, 50/60 Hz
	Power Supply	Redundant, Hot Swappable
	Power Capacity	800W
ENVIRONMENTAL	Operating Temperature	10° to 35°C (50° to 95°F)
	Operating Humidity	0% ~ 80%
FOR MARKETING MATERIAL ONLY	Key Feature	- 12Gb SAS offering unmatched I / O performance - RAID levels: 0, 1, 5, 6, 10, 50, 60 - Hot-swappable drives, fans and power supplies

ENTERPRISE NETWORK VIDEO RECORDERS

NEW

IS-1200

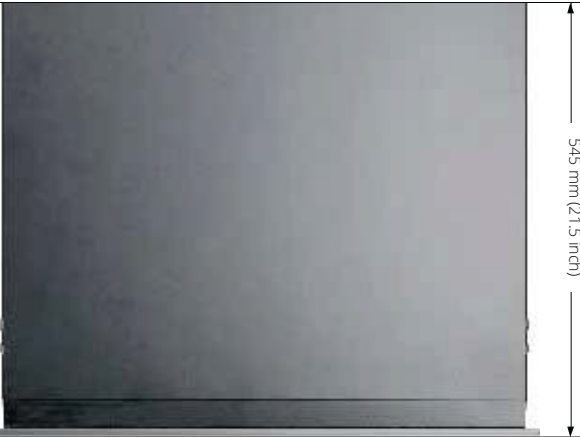
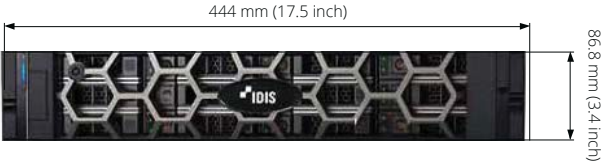


Direct Attached Storage with IR-1200
NDAA-Compliant



- 12Gbps SAS offering unmatched I/O performance
- Hot-swappable drives, fans and power supplies
- Complete compatibility with IDIS components: IP cameras, Analog DVR, DirectCX TVR, DirectIP NVR, and encoders
- Equipped with RAID 5, RAID 6 recording, Hot swappable
- Supports H.264, H.265 compression, and Intelligent Codec

DIMENSIONS



SPECIFICATIONS

		IS-1200
GENERAL	Hard Disk Drive Configuration	Up to 12 x SAS Hard Disk Drives, Hot-swappable, RAID 5, RAID 6
	Recording Storage	12 Bay
	Interface	Enclosure Management Module, dual
	Approval	FCC Rating Class A, CISPR 22, EN55022, EN55024, FCC CFR 47, Pt 15, ICES-003, CvNS14336-1, CNS13438, GB4943, GB9254, EN 61000-3-2, EN61000-3-3, RoHS, Reach (SVHC), WEEE
MECHANICAL	Unit Dimensions (W x H x D)	444.0mm x 545 mm X 86.8mm (17.5" x 21.5" x 3.4")
	Unit Weight	Max 25.58kg (56.39 lbs)
ELECTRICAL	Power Input	100-127 / 200-240VAC, 50 / 60Hz
	Power Supply	Redundant, Hot Swappable
	Power Capacity	800W
ENVIRONMENTAL	Operating Temperature	0° to 40°C (32°F to 104°F)
	Operating Humidity	5% ~ 85%
FOR MARKETING MATERIAL ONLY	Key Feature	- 12Gb SAS offering unmatched I / O performance - RAID levels: 0, 1, 5, 6, 10, 50, 60 - Hot-swappable drives, fans and power supplies

AI IN THE BOX WITH IDIS SOLUTION SUITE

DV-3200-B



IDIS SOLUTION SUITE®

Enterprise-class AI in the Box Server

- AI in the Box with IDIS Solution Suite
- Compatible with IDIS Deep Learning Analytics (IDLA)
- 2U rack mount chassis



IDIS Deep Learning Analytics (IDLA)

Powered by the
IDIS Deep Learning Engine

- Industry-leading accurate deep learning engine
- Object classification suitable for surveillance applications
- Simple configuration and zero calibration





	DV-3200-B
	 
SYSTEM	
Supported Service	IDIS Solution Suite IDLA VA Service
Supported Version	Version 3.6.4 or Higher
Operating System	Microsoft® Windows 10 IoT Enterprise
Processor	Intel® I5-10500, 3.1GHz
Memory	DDR4 PC-25600, 16GB
Processor	Intel® I5-10500, 3.1GHz
Channels available for Analytics	Up to 64ch in condition of 640x360@5ips video input
IDLA Processing Unit	NVIDIA A2000, 6GB
Network Connection	2 GbE RJ-45 Ports (1000Base-T)
Video Outputs	2 2 HDMI 2.0MI 2.0
USB	6 (2 Front USB 2.0 + 4 Back (3 USB 3.0 TYPE-A + 1 TYPE-C)
MECHANICAL	
Unit Dimensions (W x D x H)	482.6mm x 88mm x 523.3mm (19" x 3.5" x 20.6")
Unit Weight	11.8kg (26.01lb)
ELECTRICAL	
Power Input	100-240V~, 50/60 Hz, 6.0 - 3.0A
Power Consumption	270W
Approval	FCC, CE, CB, UL, PSE, KC
ENVIRONMENTAL	
Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Humidity	0% ~ 90%

AI IN THE BOX

ALL-IN-ONE 4-CHANNEL AI BOX FOR RETAIL

DV-1304 |



Stay Competitive with Affordable Store and Customer Intelligence

Handled by an all-in-one AI Box, DV-1304 delivers actionable customer and store insights to increase sales with the ability to meet any existing COVID or future healthcare guidelines. The AI Box for Retail is a simple add-on appliance compatible with existing IDIS network cameras without AI analytics and DirectIP® NVRs, eliminating the need for complex analytics software and upgrades to edge VA devices.

Users can advantage from an industry-first and cost-free dashboard that integrates up to 32-channels of data. The DV-1304 comes with built-in power sourcing equipment (PSE) so there is no need to add Power over Ethernet (PoE) switches, which can impact on the aesthetics of retail environments and saves on installation costs.



COVID-19 Compliance



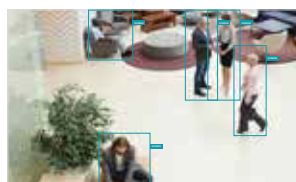
Social Distancing
Violation Detection



Crowd Detection



Face Mask Detection



People Counting
Occupancy Monitoring

Business Intelligence



People Counting Count, Track and Analyze

Know exactly how many people come and go. You can find the difference between the estimated and actual floating population. The management and administration through People Counting is essential for places requiring high-level security, such as an airport. Expected number of visitors can be predicted by accumulated data and appropriate action can be made in advance.



Queue Management Line Management and Analysis

Manage your lines and enhance customer satisfaction. Open and close the appropriate amount of counters necessary based on how many customers are in line. Operated by an alarm, this function allows employees to provide quick and accurate service to their waiting customers as well as an efficient internal shift-change system.



Heat Map Visualize Visitor Footfall and Behavior

Highlight where people spend time and what they interact with. This is utilized to determine the best location where exposure needs to be maximized, such as new product zones or areas with sluggish sales. It can also be used to select the best locations for advertisements and promotional materials.

IDIS AI Solutions



About IDIS

IDIS Technology

IDIS Network Products

IDIS Software Solution

IDIS HD Analog Products

Configuration Tree

DV-1304	
	
Key Features	- Powered by the most advanced IDIS Deep-Learning Analytics (IDLA) - Vehicle Counting, People Counting and Occupancy Control - Queue Monitoring - Heatmap - Social Distancing Violation - Mask Rule Violation - Generates real-time event notifications with high accuracy - Live Occupancy Dashboard to maintain capacity limits - Dashboard Reporting for visitor flow, checkout traffic, and compliance adherence - Rapid DirectIP plug-and-play installation - Simply connect to an IDIS NVR - Supports 4-ch IP cameras
SYSTEM	
Video Compression	H.264, H.265
Video Inputs	4 IP Channels
Supported Device	DirectIP NVR
Network Connection	100M Ethernet x 1 (100Base-TX) with PD 100M Ethernet x 1 (100Base-TX) with PSE (PSE need Adaptor)
VA Support	People Counting Occupancy Control Queue Monitoring Heatmap Social Distancing Violation Mask Rule Violation
MECHANICAL	
Unit Dimension (W x H x D)	200 mm x 44 mm x 157.6 mm (7.9" x 1.7" x 6.2")
Unit Weight	0.88 kg (1.94lb)
ENVIRONMENTAL	
Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Humidity	0% to 90 %
ELECTRICAL	
Power Input	48 V=, PoE
Power Consumption	48 V=, 0.8 A, 38.4 W PoE, IEEE 802.3 at(Class 4), 25 W DC OUTPUT : 48 V=, 0.35 A MAX
GENERAL	
Approvals	FCC, CE, KC

AI IN THE BOX

ADD-ON 4-CHANNEL SURVEILLANCE AI BOX

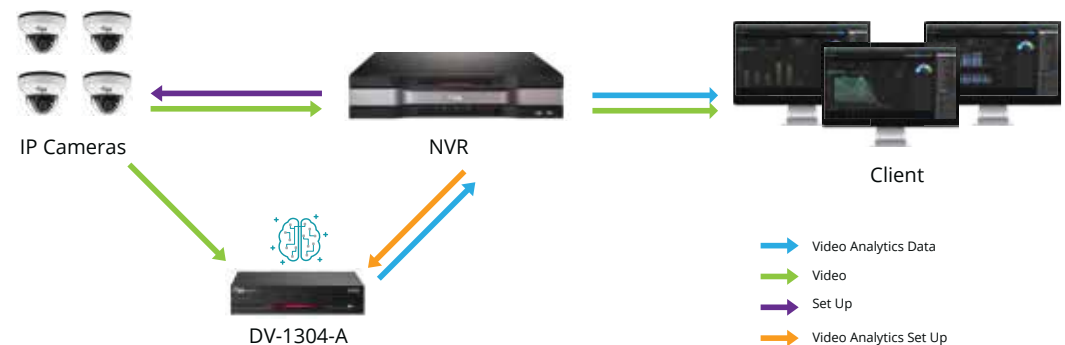
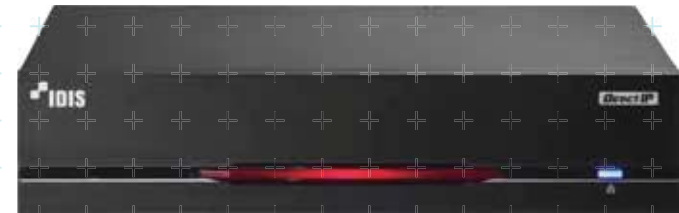
DV-1304-A



Packed with highly accurate, in-house developed AI-powered analytics

The IDIS all-in-one AI Box, DV-1304-A is license free and comes pre-installed with the IDIS Deep Learning Engine that delivers up to 98% accuracy. It packs a punch with all the AI-powered functionality that users need to reduce false alarms and take a proactive approach to strengthening security and safety.

It comes as a simple add-on device compatible with existing IDIS network cameras and recorders, eliminating the need to implement complex analytics software or upgrade to costly edge cameras. Users can leverage their investments in various IDIS camera models by simply connecting the DV-1304-A box to existing NVRs or adopt it as part of a next-gen IDIS end-to-end surveillance solution.



IDIS AI Solutions



Business Intelligence



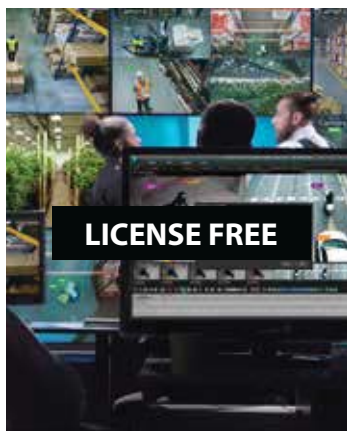
In-house developed AI engine (IDIS Deep Learning Engine)

Developed by our own R&D team, the IDIS AI engine is designed to specifically tackle the challenges of security and surveillance operations. By training the IDIS Deep Learning Engine on vast data sets, the AI Box delivers up to 98% accurate alerts and notifications compared to conventional video analytics. This also means that users have the flexibility to configure AI around their own specific security, safety, and other operational needs.



Free yet feature-rich video management

Users can benefit from the industry's only full-featured, free VMS, IDIS Center, that gives users live monitoring, playback, and highly efficient forensic search to speed up investigations.



Low Total Cost of Ownership

No upfront or recurring licenses

Users can take advantage of industry-leading accurate video analytics without any license fees or devices connection costs.

Empower your existing cameras

There's no need to buy new AI edge cameras, expensive AI NVRs, or hardware. Reap all the benefits of industry-leading AI functionality, by simply adding the AI Box to your existing IDIS system.

Proactive monitoring and less human error

AI-powered analytics reduce false alarms and eliminate the need to continually monitor multiple video streams that lead to operator fatigue, and events being missed.

DV-1304-A



- Simply connect to a compatible IDIS NVR
- Supports 4ch IP Camera
- Supports the most advanced IDIS Deep-Learning Analytics (IDLA)
- Supports Object Detection
- Supports Intrusion
- Supports Loitering
- Supports Line Crossing
- Supports Face Detection
- Supports object detection, intrusion, loitering, line crossing, and face detection rules
- Generating real-time event notifications with high accuracy

Video	
Video Inputs	4 IP Channels
Supported Device	DirectIP NVR
VA Support	Object Detection, Intrusion, Loitering, Line Crossing, Face Detection
Network	
Video Compression	H.265, H.264
Network Connection	100 M Ethernet x 1 (100Base-TX) with PD 100 M Ethernet x 1 (100Base-TX) with PSE (PSE need Adaptor)
Environmental	
Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Humidity	0% to 90 %
Electrical	
Power Input	48 V=, PoE
Power Consumption	48 V=, 0.8 A, 38.4 W PoE, IEEE 802.3 at (Class 4), 25 W DC Output: 48 V=, 0.35 A MAX
Mechanical	
Unit Dimension (W x H x D)	200 mm x 44 mm x 157.6 mm (7.9" x 1.7" x 6.2")
Unit Weight	0.88 kg (1.94 lb)
General	
Approvals	FCC, CE, KC

NETWORK ACCESSORIES

DIRECTIP NETWORK ACCESSORIES

Model Name	4 Bay eSATA Storage			
	DA-ES1104A	DA-ES1104B	DA-ES1104C	DA-ES1104D
	 			
Interface	eSATA x 1			
Number of Drives	SATA II x 4			
Drive Size	3.5"			
Drive Type	SATA II			
Yes Device	TR-4308 (R)/16 (R)	DR-2304P (-A)/08P (-A)/16P (-A), DR-4308P/16PS, DR-6308P- (S)A/16PS- (S) A/32PS- (S)A, DR-2404P (-A), DR-6508P/16P/32P, TR-4408 (R)/16 (R)	Up to 6TB: IR-100 Up to 10TB: DR-8364 (F) (D)	Compatible Recorder IR-300A, IR-310 (D)
Type and Rate	SATA II (3Gbps)			
RAID	0, 1 + 0, 5			
Max Drive Capacity	24TB (up to 6TB per bay)	16TB (up to 4TB per bay)	40TB (up to 10TB per bay)	40TB (up to 10TB per bay)
Dimensions (W x H x D)	480 mm x 44 mm x 346 mm (18.9" x 1.7" x 13.6")			
Weight	6.4 kg (14.11 lb)			
Operation Temperature	0°C ~ 45°C (32°F ~ 113°F)			
Power Input	100 V ~ 240 VAC, 0.6-0.3 A, 50 / 60 Hz			
Power Consumption	100-240V~, 50/60Hz, 0.6-0.3A, 40W			
Approvals	FCC, CE			

DirectIP Gigabit PoE Switch		
		Key Features
DH-2328PF-A		- Individual port data transmission to DirectIP NVR - PoE (IEEE 802.3af, IEEE 802.3at) compliant - Maximum per-device PoE delivery of 370W available for 1 to 24 RJ45 ports - Central power control for greater network utility - Supports 24 RJ45 ports and 4 SFP slots
DH-2212PF		- Individual port for data transmission to DirectIP NVR - PoE (IEEE 802.3af, IEEE 802.3at) compliant - Maximum per-device PoE delivery of 140W available for 1 to 8 RJ45 ports - Central power control for greater network utility - Supports 8+2 RJ45 ports and 2 SFP slots
DH-2018P		- Individual port for data transmission to DirectIP NVR - PoE (IEEE 802.3af, IEEE 802.3at) compliant - Maximum per-device PoE delivery of 140W available for 1 to 16 RJ45 ports - Central power control for greater network utility - Supports 16 RJ45 ports
DH-2010P		- Individual port for data transmission to DirectIP NVR - PoE (IEEE 802.3af, IEEE 802.3at) compliant - Maximum per-device PoE delivery of 70W available for 1 to 8 RJ45 ports - Central power control for greater network utility - Supports 10 RJ45 ports

Model Name	HDMI/VGA Video Encoder
	DP-HE1201
	  
Video codec	H.265, H.264, MJPEG, Intelligent Codec
Max. Framerate	3840 x 2160 @ 30ips
Bitrate	Up to 18MP
Max Resolution	3840 x 2160
Streaming	Quadruple Streaming
Max.Network Throughput	50 Mbps
Built-in OSD	English, Korean
Input	1 x HDMI, 1 x VGA
Output	1 x HDMI (Input Bypass) 1 x VGA (Input Bypass)
Audio Input / output	1 x line in (3.5 mm) / 1 x line out (3.5 mm)
Network interface	1 x RJ 45 (10/100)
IP Camera Protocol	DirectIP 2.0, ONVIF
Power source	12VDC, PoE (IEEE 802.3af Class 3)
Power Consumption	12V= 0.95A, 11.4W PoE, IEEE 802.3af (Class 3)
Approvals	FCC, CE, KC

Model Name	Encoder
	DP-DE2108
	  
Video Input	8 BNC
Max Resolution	2560 x 1920
Video Compression	H.265, H.264
Max Frame Rate	240 ips@1080 P, 144 ips@ 3 MP, 120 ips@ 4 MP, 80 ips@ 5 MP
Multi-video Streaming	Quadruple Streaming
Ethernet	RJ 45 (10/100 BASE-T)
Trigger Event	Motion Detection, Tampering, Trip Zone, Video Loss
Audio In / Out	4 / -
Operating Temperature	0°C ~ 40°C (+32 F ~ +104 F)
Operating Humidity	0% ~ 90 %
Power Source	12 VDC, PoE IEEE 802.3 af (Class 3)
Power Consumption	12 V=, 0.8 A, 10 W PoE, IEEE 802.3 af (Class 3), 10 W
Approvals	FCC, CE, KC
Dimensions	200 mm x 44 mm x 165.2 mm (7.9" x 1.7" x 6.5")
Weight	0.81 kg (1.79 lb)

Model Name	Decoder
	DP-DD1316
	  
Video Compression	H.264, H.265
Video Input	16ch IP
Video Input Resolution	up to 12MP
Yes Devices	DirectIP NVR, IDIS IP Camera
Video Outputs	1 HDMI, 1 VGA, 1 CVBS
Display Resolution	HDMI: 3840 x 2160, 2560x1440, 1920x1200, 1920x1080, 1680x1050, 1600x1200 VGA: 2560x1440, 1920x1200, 1920x1080, 1680x1050, 1600x1200 CVBS: 720x480 (NTSC), 720x576 (PAL)
Display Speed	Up to 480ips
Max. Network Throughput	90Mbps
Network Connection	Gigabit Ethernet x1
PoE (Class)	Yes (IEEE 802.3af Class 3)
Power Source	12VDC, PoE
Power Consumption	v12V=, 1.4A, 16.8W PoE, IEEE 802.3at (Class 4)
Approvals	FCC, CE, KC

DirectIP[®] 2.0

SOFTWARE SOLUTIONS

Modular & Scalable

Find out about our latest software release and specialized functionality that take IDIS solutions to another level.

SOFTWARE SOLUTIONS - VMS

IDIS SOLUTION SUITE

Enterprise-Class and Multi-Site VMS

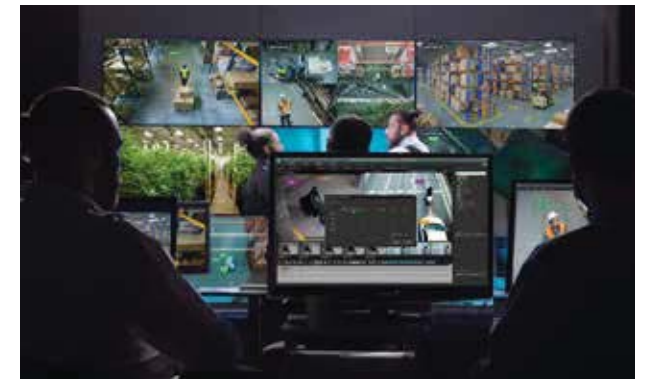


IDIS Solution Suite Expert is a program that manages multiple NVRs and IP cameras for large-scale applications.

How IDIS Solution Suite Service Modules Are Designed and Operated?

IDIS Solution Suite can work together with network cameras, DirectIP® NVRs, and DirectCX® TVRs while providing superior image quality and extensive coverage. IDIS Solution Suite allows you to manage an unlimited number of devices and to customize your surveillance system cost effectively.

IDIS Solution Suite has been designed using a deep understanding of market requirements and customer needs. With our market-proven products like NVRs and TVRs, network cameras, and encoders and decoders, IDIS Solution Suite offers one of the best value enterprise-class video management surveillance solutions on the market.





Administration

The IDIS Solution Suite Administration service module defines an IDIS Solution Suite system, whereby all other service modules are registered to this module to enable centralized management of access privileges and device management, such as device firmware upgrades, remote device configuration, and configuration of all other IDIS Solution Suite service modules in use.

Monitoring

The IDIS Solution Suite Monitoring service module allows centralized event dispatch services, enabling you to route a specific set of events to a specific user or group of users based on event types, schedules, and user groups. For example, system health-related events can be routed to maintenance department operators, while other events can be routed to loss prevention managers.

Streaming

The IDIS Solution Suite Streaming service module allows up to 64 remote users to access live video streams.

Recording

The IDIS Solution Suite Recording service module records video directly from IP cameras or IP video encoders. This module, running on a PC server platform, can be configured to utilize a centralized storage solution with significantly larger storage capacity, such as SAS or iSCSI/SAN. Additionally, it allows you to add up to 64 IDIS Solution Suite Recording service modules to your IDIS Solution Suite System.

Redundancy

The IDIS Solution Suite Redundant Recording module allows users to provide tandem recording. Users can create redundant video recording on a separate server, which can be located in a remote location. In the event the primary IDIS Solution Suite recording server is destroyed, your data remains protected remotely.

Backup

The IDIS Solution Suite Backup service module can be used to provide offline backup of video. This service module allows you to select a set of cameras to archive on a pre-programmed schedule, enabling you to archive your video while minimizing network traffic during peak hours of operation. Additionally, the IDIS Solution Suite Backup service provides two additional options to maximize the data retention period of your offline backup storage: summary backup and event-video-only backup mode.

VideoWall

The IDIS Solution Suite VideoWall service allows operators to manage and control any camera from DirectIP NVRs, DirectCX HD Analog, or DirectIP cameras recording on an IDIS Solution Suite server. Operators also benefit from a single interface and unified experience using the network keyboard, NK-1100. Additionally, the VideoWall service allows users to expand their surveillance capability by supporting up to 384 monitors.

Federation

The IDIS Solution Suite Federation module operates similarly to the IDIS Solution Suite Administration service module by enabling you to create a federation of multiple IDIS Solution Suite systems. This service module allows centralized management of access privilege control over devices registered to multiple IDIS Solution Suite systems.

The IDIS Solution Suite Federation also enables your video surveillance system to grow practically to an unlimited number of cameras. For example, each IDIS Solution Suite system can manage up to 1,024 devices, and each device can handle up to 64 IP cameras (DR-8364). Each IDIS Solution Suite system can handle up to 64,000 cameras, and the IDIS Solution Suite Federation allows multiples of these systems.

Failover

IDIS Solution Suite Failover service modules provide service-grade redundancy. The Failover services can be applied to different service modules, such as Administration, Federation, Recording, Streaming, or VideoWall services.

If one of the PC servers fails or if one of the services is interrupted, the corresponding Failover module will take over operations with minimal interruption. Once the failed servers or services are recovered, the operation will recover and return to normal operation.

SOFTWARE SOLUTIONS

SOFTWARE SOLUTIONS - VMS

IDIS CENTER

License-Free Video Management Software



IDIS CENTER

IDIS Center is a central management software solution that supports live monitoring, video Playback, as well as advanced management tools, including event monitoring, e-maps, and condition monitoring devices.

- Remote surveillance of live video and remote playback of recordings
- Real-time notification of detected events and remote monitoring of events
- Panic recording of live videos and playback recordings
- Registration of up to 1,024 devices
- Simultaneous remote software upgrades and multiple system setup
- Displays for device system logs
- Monitoring live e-map
- SSL support to ensure secure communication
- Authority settings by individual or user groups
- Intuitive and user-oriented GUI
- Supports Removable HDD (Or SD Card)
- Live viewing, searches, e-maps, and condition monitoring executed simultaneously by displaying distinctly different panels across four monitors.

IDIS WEB

Web Client



IDIS WEB

IDIS Web is a program that allows you to view and search video from remote locations over the Internet and can be accessed on a regular web browser such as Internet Explorer. IDIS Web can be downloaded from web browsers in ActiveX format.

- Supports 32 divided screen surveillance
- Controls PTZ, color, alarm out feature
- Supports 32 divided screen playback
- Supports video back-up with IDIS Player, AVI, BMP
- Supports storage and print-out of current image on screen

CONNECTION METHOD

- <http://IP Address: Port Number>
- (NVR system's IP address and IDIS Web port number configured under Network > General (Default Value: 12088))
- <http://fen.idisglobal.com/FEN Name>
- (FEN Name: NVR name configured on the FEN server)
- <http://web.idisglobal.com>
- (Will be prompted to enter NVR's IP address or FEN name registered to the FEN server upon login)

SOFTWARE SOLUTIONS

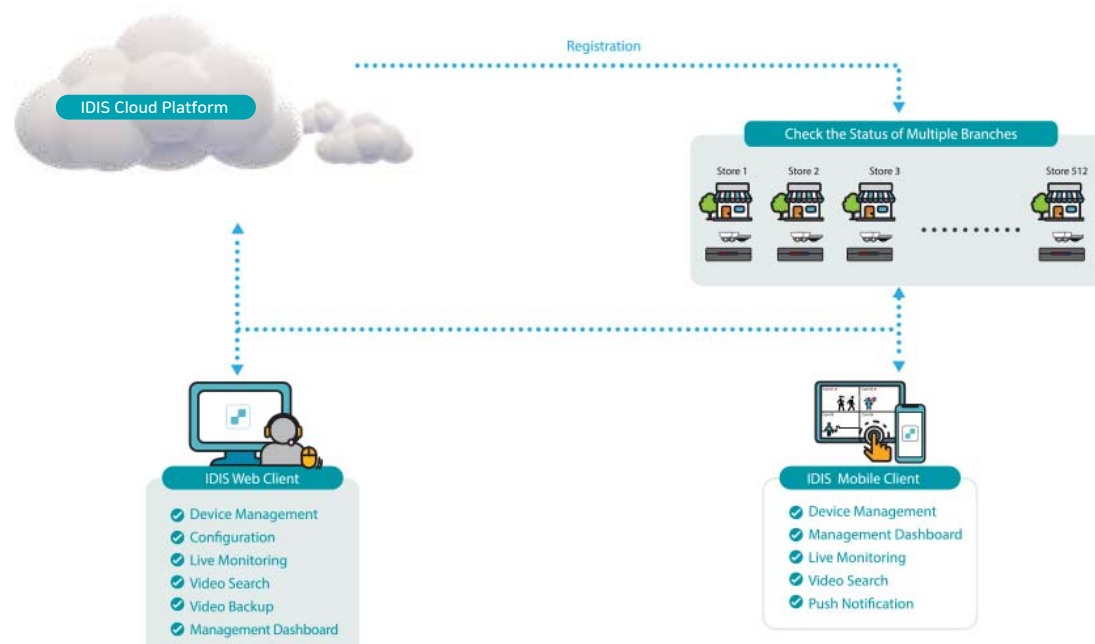
SOFTWARE SOLUTIONS - CLOUD

IDIS CLOUD MANAGER

Manage All Your Sites in The Cloud



IDIS Cloud Manager (ICM) makes it simple, easy, and secure to access and manage video remotely. By connecting your sites to the cloud enables centralized management of surveillance for every level of user, whether that's senior managers and general administrators, or front-line security operators from web browsers and mobile devices. ICM comes with an intuitive interface making configuration and network changes hassle-free.



SOFTWARE SOLUTIONS

SOFTWARE SOLUTIONS - MOBILE

IDIS MOBILE

Smart Security at Your Fingertips!



From high-definition live streaming to powerful PTZ control and push notifications – complete security management is now in the palm of your hand.

Various Viewing Modes

- Simultaneous 1/ 4 / 9 / 16 split screen live monitoring
- Enables up 2 x 2 split screens for searching recorded video
- Supports iPad split view, dark mode, while users can choose portrait or landscape viewing options



- Operates with all IDIS DirectIP NVR, DitectCX TVR and IP cameras
- Supports seamless viewing of full-HD live streaming video on mobile devices from remote locations and provides 1/4/9/16 split screen monitoring
- PTZ Control, Enables pan, tilt, zoom control of DirectIP, DirectCX, and IP cameras directly from mobile device
- Supports highest image quality with H.264/MJPEG, H.265 formats
- Provides calendar search, playback and bookmark functions
- Quick and easy access with various mobile connections over 3G, LTE, 5G and WiFi
- Supports push alarm, event/time lapse query, 2-way audio and image capture



The Most Advanced HD Analog Over Coax Solution

IDIS DirectCX, the industry's most advanced Analog HD over coax solution. Based on High Definition Transfer Video Interface (HD-TVI) technology, IDIS incorporates its expertise in image processing to provide unrivaled HD recording performance at a lower cost.



HD Analog CAMERAS

	DirectCX 5MP IR Dome Camera	DirectCX 5MP IR Bullet Camera
	TC-D5532WRX	TC-T5532WRX
Model Name	 5MP NDAA	 5MP NDAA
VIDEO		
Image Sensor	1/2.8" CMOS Sensor	1/2.8" CMOS Sensor
Max. Resolution	2592 x 1944	2592 x 1944
Scanning Mode	Progressive Scan	Progressive Scan
Lens Type	Motorized Vari-focal	Motorized Vari-focal
Focal Length	f = 3.0mm ~ 13.5mm	f = 3.0 mm - 13.5 mm
Iris Control	DC IRIS	DC IRIS
Angular Field of View	Wide: 91° (H) 66° (V) 120° (D) Tele: 31° (H) 23° (V) 38 (D)	Wide: 91° (H) 66° (V) 120° (D) Tele: 31° (H) 23° (V) 38 (D)
Pan / Tilt Range	Pan: -175° ~ 175°, Tilt: 0° ~ 67° Rotate: -177° ~ 177°	-
Min. Illumination	Color: 0.13 Lux @ F1.4 B/W: 0 Lux (IR LED On)	Color: 0.13 Lux @ F1.4 B/W: 0 Lux (IR LED On)
Dynamic Range	120dB (TrueWDR)	120dB (TrueWDR)
Day and Night	YES (ICR)	Yes (ICR)
IR Distance (LEDs)	30m / 98.4 ft (4ea)	30 m / 98.4 ft (4ea)
Image Stabilizer	-	-
Video Out	1 HD BNC (Signal Switchable)	1 HD BNC (Signal Switchable)
FUNCTION		
Sens-Up	Off / x2 ~ x32	Off / x2 ~ x32
Wide Dynamic Range (WDR)	Off / On (Low, Middle, High) ROI Mode Available	Off / On (Low, Middle, High)
Backlight Compensation (BLC)	Off / On	Off / On
HLC	1 ~ 20 Level Adjustable (All Day / Night Only)	1 ~ 20 Level Adjustable (All Day / Night Only)
Smart IR (IR Optimizer)	0~20 Level Adjustable	0~20 Level Adjustable
Digital -ise Reduction	Off / Low / Middle / High	Off / Low / Middle / High
De-Fog	Off / On	Off / On
ENVIRONMENTAL		
Outdoor Ready	IP67	IP67
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F) (Humidity: 0% ~ 90%)	-10°C ~ +55°C (14°F ~ +131°F) (Humidity: 0% ~ 90%)
GENERAL		
Dimensions (W x H x D)	Ø155mm x 105mm (6.1" x 4.13")	80 mm x 75 mm x 237 mm (3.15" x 2.95" x 9.33")
Weight	0.815kg (1.8lb)	0.87 kg (1.92 lb)
Power Source	DC 12V, AC 24V	DC 12 V, AC 24 V
Power Consumption	DC 12V/8W, AC 24V/ 8.3W	DC12 V / 8W, AC 24 V / 8.3W

	DirectCX 2MP Covert Camera
	TC-V5211X
Model Name	 Full HD 2MP NDAA
Image Sensor	1/2.8" CMOS Sensor
Max. Resolution	1920x1080
Scanning Mode	Progressive Scan
Lens Type	Fixed-focal
Focal Length	2.4mm
Aperture	F=2.0
Iris Control	Fixed Iris
Angular Field of View	132.1°(H) 73.2°(V) 150.8°(D)
Min. Illumination	Color: 0.1 lux B/W : 0.08 lux
Dynamic Range	120dB (True WDR)
Day and Night	Electrical
IR Distance (LEDs)	-
Video Out	1 HD BNC (Signal Switchable)
Vandal Proof Casing	-
Outdoor Ready	-
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)
Dimensions (W x H x D) Camera Module	Camera Unit : 37(W) x 37(H) x 30.5(D) mm (1.46" x 1.46" x 1.20")
Weight	0.055kg (0.12lb)
Power Source	DC 12V
Power Consumption	1.6W

DirectCX® | HD Analog Covert Camera



TR-4000 SERIES

	DirectCX 16ch H.265 Recorder	DirectCX 8ch H.265 Recorder
	TR-4516	TR-4508
Model Name	 	 
VIDEO		
Video Inputs	16 BNC	8 BNC
Supported Camera	HD Analog : 5MP, 4MP, 3MP, 1080P, 720P AHD : 5MP, 4MP, 3MP, 1080P, 720P CVBS : NTSC / PAL	HD Analog : 5MP, 4MP, 3MP, 1080P, 720P AHD : 5MP, 4MP, 3MP, 1080P, 720P CVBS : NTSC / PAL
Video Outputs	1 HDMI, 1 VGA, 1 BNC (Spot)	1 HDMI, 1 VGA, 1 BNC (Spot)
Display Resolution	HDMI: 3840 x 2160, 1920 x 1080, 1440 x 900, 1280 x 1024 VGA: 1920 x 1080, 1440 x 900, 1280 x 1024	HDMI: 3840 x 2160, 1920 x 1080, 1440 x 900, 1280 x 1024 VGA: 1920 x 1080, 1440 x 900, 1280 x 1024
Display Speed	Up to 480 ips	Up to 240 ips
RECORDING		
Recording Resolution	2560x1920, 2560x1440, 1920x1536, 1920x1080, 1280x720, 960x480, 720x480, 960x240, 720x240, 480x240, 360x240	2560x1920, 2560x1440, 1920x1536, 1920x1080, 1280x720, 960x480, 720x480, 960x240, 720x240, 480x240, 360x240
Frame Rate	480ips@1080p, 288fps@3MP, 240ips@4MP, 160ips@5MP	240ips@1080P, 144ips@3MP, 120ips@4MP, 80ips@5MP
Recording Mode	Time-Lapse, Event, Pre-Event, Panic	Time-Lapse, Event, Pre-Event, Panic
Trigger Events	Motion, Tampering, Video loss, Alarm in, Text-In, System	Motion, Tampering, Video loss, Alarm in, Text-In, System
Playback		
Performance	16 ch 1080 p Synchronous Playback	8 ch 1080 p Synchronous Playback
Search Mode	Time-lapse, Event log, Text-in	Time-lapse, Event log, Text-in
Digital Zoom	x 2 ~ x 7	x2 ~ x7
STORAGE		
HDD	SATA x4, eSATA x1	SATA x 4, eSATA x 1
Data Export Device	USB HDD, USB Stick	USB HDD, USB Stick
NETWORK		
Client Connection	Gigabit Ethernet x1	Gigabit Ethernet x1
Transmission Speed	30 ips@Full HD per channel, same as recording stream	30ips@Full HD per channel, same as recording stream
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite
INTERFACE		
Audio In / Out	4 RCA / 1 RCA + 1 HDMI	4 RCA / 1 RCA + 1 HDMI
Alarm In / Out	16 In / 4 Relay Out	8 In / 4 Relay Out
Alarm Reset In	1	1
Serial Interface	RS232, RS485 (Terminal Block)	RS232, RS485 (Terminal Block)
GENERAL		
Operating System	Embedded Linux	Embedded Linux
Dimensions (W x H x D)	430mm x 88mm x 427mm (16.9" x 3.5" x 16.8")	430mm x 88mm x 427mm (16.9" x 3.5" x 16.8")
Unit Weight	6.2kg (13.7 lbs) (with 2 x 4TB HDD)	6.2kg (13.7 lbs)(with 2 x 4TB HDD)
Operating Humidity	0 % ~ 90 %	0% ~ 90%
Power Input	100-240 V~, 50 / 60 Hz, ≤ 2.0 A	100-240V~, 50/60Hz, ≤ 2.0A
Power Consumption	100-240V~, 50/60Hz, 1.0-0.5A, 80W	100-240 V~, 50 / 60 Hz, 1.0-0.5 A, 80W
Approvals	FCC, CE, KC, CB, UL, PSE	FCC, CE, KC, CB, UL, PSE

	DirectCX 4 ch H.265 Recorder
	TR-2504
Model Name	 
VIDEO	
Video Inputs	4 Channels (4 BNC, 1 RJ45 : Up to 2 IP Cameras Switchable)
Supported Camera	HD-TVI : 5MP, 4MP, 1080P, 720P AHD : 5MP, 4MP, 1080P, 720P CVBS : NTSC / PAL IP (DirectIP, IDIS) : Up to 12MP(Depending on IP Camera)
Video Outputs	1 HDMI, 1 VGA
Display Resolution	"HDMI : 3840 x 2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200 VGA : 1920 x 1080, 1680 x 1050, 1600 x 1200"
Display Speed	Up to 120ips
RECORDING	
Recording Resolution	2560x1920, 2560x1440, 1920x1080, 1280x720, 720x576, 720x480, 640x360, 720x288, 720x240, 360x240
Frame Rate	"Analog : 120ips@1080P, 60ips@4MP, 40ips@5MP IP : 35Mbps, 60ips(2ch)@UHD"
Recording Mode	Time-Lapse, Event, Pre-Event, Panic
Trigger Events	Motion, Tampering, Video Loss, Alarm In, Network Alarm, Text-in, System, Etc.
Playback	
Performance	4ch synchronous playback
Search Mode	Time-lapse, Event Log, Text-in
Digital Zoom	x2 ~ x12
STORAGE	
HDD	SATA x 2
Data Export Device	USB HDD, USB Stick
NETWORK	
Client Connection	Fast Ethernet x1
Transmission Speed	50Mbps
INTERFACE	
Audio In / Out	4 RCA / 1 RCA + 1 HDMI
Alarm In / Out	4 / 1
Alarm Reset In	-
Serial Interface	RS232 / RS485(Terminal Block)
GENERAL	
Operating System	Embedded Linux
Dimensions (W x H x D)	340mm x 44mm x 302.3mm (13.4" x 1.7" x 11.9")
Unit Weight	3.16 kg (with 2 2TB HDD)
Operating Humidity	0% ~ 90%
Power Input	Adaptor Input : 100-240V AC, 50/60Hz, 1.5A, Output : 12V DC, 5A
Power Consumption	[TBD] 12V=, 1.83A, 21.96W
Approvals	FCC, CE, KC

HD ANALOG RECORDERS & CAMERAS

Overlapped Recording

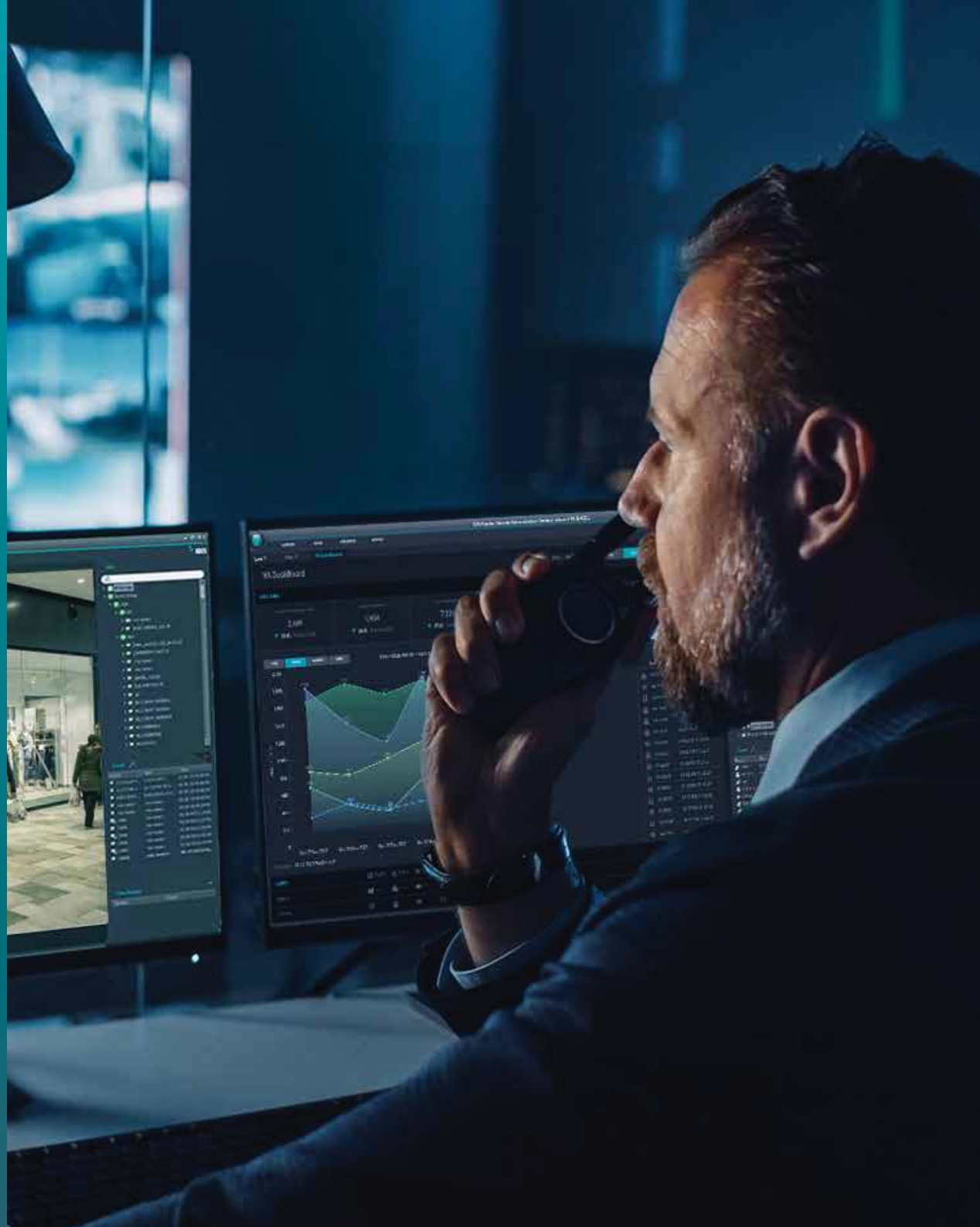
When a user changes the HD Analog system time to the past point, video data for the overlapped time will be recorded in different segments. This enables video data for the overlapped time to be searched in different time sets and prevents any possible loss of video data or discrepancy on time-based search.



SECURITY MONITORS

Bringing you the Ultimate Surveillance Experience

The IDIS DirectView monitor has been specially designed for use in control rooms with an array of surveillance-oriented features which addresses the needs of security environments.



SECURITY MONITORS

	32" Full HD Standard Monitor	21.5" Full HD Standard Monitor
	SM-F322	SM-F212
Model Name		
PANEL		
Type	LED	LED
Screen Size	32 Inch	21.5 Inch
Active Display Area	698.40 mm (H) x 392.85 mm (V)	476.64 mm (H) x 268.11 mm (V)
Max. Resolution	1920 x 1080 @ 60Hz	1920 x 1080 @ 60 Hz
Brightness	250 cd / m²	220 cd / m²
Contrast Ratio	1200: 1	1000: 1
Viewing Angle (H/V)	178° / 178°	170° / 160°
Frequency (H/V)	30~80 Khz / 50~75K hz	30~80 Khz / 50~75K hz
Response Time (G2G)	<6.5 ms	<5 ms
INTERFACE		
Hybrid (AHD, TVI, CVI, CVBS) In/Out	1/1	-
HDMI In	1	1
Display Port	-	-
VGA Input	1	1
DVI In/Out	-	-
Audio In/Out	1 / 1	1 / 0
BNC Video In/Out	1 / 1	1 / 1
RS232 In/Out	-	-
USB	-	-
GENERAL		
Outline Dimension (WxHxD)	741.2 mm x 472.9 mm x 180.0 mm (29.18" x 18.62" x 7.09")	507.0 mm x 370.2 mm x 149.1 mm (19.96" x 14.56" x 5.87")
Bezel Width (Spec. for VideoWall)	-	-
Net Weight/Gross Weight	12.5 Kg (27.56 lb) / 15.6 Kg (34.4 lb)	3.8 Kg (8.38 lb) / 4.8 Kg (10.58 lb)
Material/Color	Metal / Black	Plastic / Black
Warranty-Parts/Labor	3 Year / 3 Year	3 Year / 3 Year
MTBF	50, 000 Hours (Panel)	50, 000 Hours (Panel)
Power Supply	AC 100~240 V (50 / 60 Hz)	DC 12V, 3A (AC 100~240 V [50/60Hz])
Power Consumption - Typical	50W	25.2W
- Stand by	<0.5W	<0.5W
Power Savings (DPMS)	Yes	Yes
Operating Temperature	-10°~50°C (14°F~122°F)	0°~40°C (32°F~104°F)
StorageTemperature	-20°~60°C (-4°F~140°F)	-20°~60°C (-4°F~140°F)
Built-In Speaker	Yes (5W x 2)	Yes (3W x 2)
Remote Control	Yes	Yes
VESA Mount Size	200 mm x 200 mm / M6 x 10 Screws	100 mm x 100 mm / M4 x 6 Screws
Operation Hours	24/7	24/7
Prevent Burn-In	Yes	Yes

*DVI Port Pass through up to 10 X 10

NETWORK ACCESSORIES

Network Accessories

	Network Keyboard
	NK-1200
Model Name	
Key Features	· Remote control of NVRs, network video transmitters, network video receivers and network cameras via network connection · Control of NVRs by using a USB mouse via network connection · Two-way audio communication · Convenient firmware upgrades via either the USB port or ethernet · Firmware duplication and auto-recovery functions to enhance system stability · Management of multiple network keyboards via network connection · Programmable by using the LCD screen · Supports PoE (IEEE 802.3af class 0)

	SFP Transceiver	
	FTLF1318P3BTL	FTLF8519P3BNL
Model Name		
Key Features	· Up to 10km on 9/125μm SMF · Up to 1.25Gb/s bi-directional data links · Hot-pluggable SFP footprint · 1310nm Fabry-Perot laser transmitter · Compatibility With DH series and DA-MC1101	· Up to 500m on 50/125μm MMF, 300m on 62.5/125μm MMF · Up to 2.125 Gb/s bi-directional data links · Hot-pluggable SFP footprint · 850nm Oxide VCSEL laser transmitter · Compatibility with DH series and DA-MC1101

Model Name	Long Range PoE Extender	Single Port PoE Injector	Single Port High-PoE Injector	Single Port PoE Repeater
	DA-LP1101R / DA-LP1101T	DA-PI2101	PoE400	DA-PR1101
				
Key Features	· Up to 500m PoE transmission between devices using UTP cabling · Up to 700m DATA transmission between equipments using UTP cabling · Plug-and-playWithout any required PC setting · Supports 1Gbps / IEEE802.3at for PoE Injector · Supports 1Gbps / IEEE802.3at / 100m for PoE Repeater	· Up to 30W of PoE power feeding on two pairs · Compatibility with IEEE 802.3af, IEEE 802.3at · Protects low power devices to receive only the power they need · Parallel slide-in design for easy installation	· Up to 90W of PoE Power · Compatibility with IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt · Protects low power devices to receive only the power they need · Support 10/100/1000 Base-T Lan environment · Compatibility with DC-S6286HRXL (-A), DC-S6881HRX (-A), DC-S6681HRX (-A)	· Compatibility with IEEE 802.3af · Supports data transfer up to 130m distance · A maximum distance of 230m can be achieved between the NVR and Camera via a DA-PR1101 · Supports PoE switch off function via PoE On / Off switch · Supports plug-and-play without setting up special IP addresses



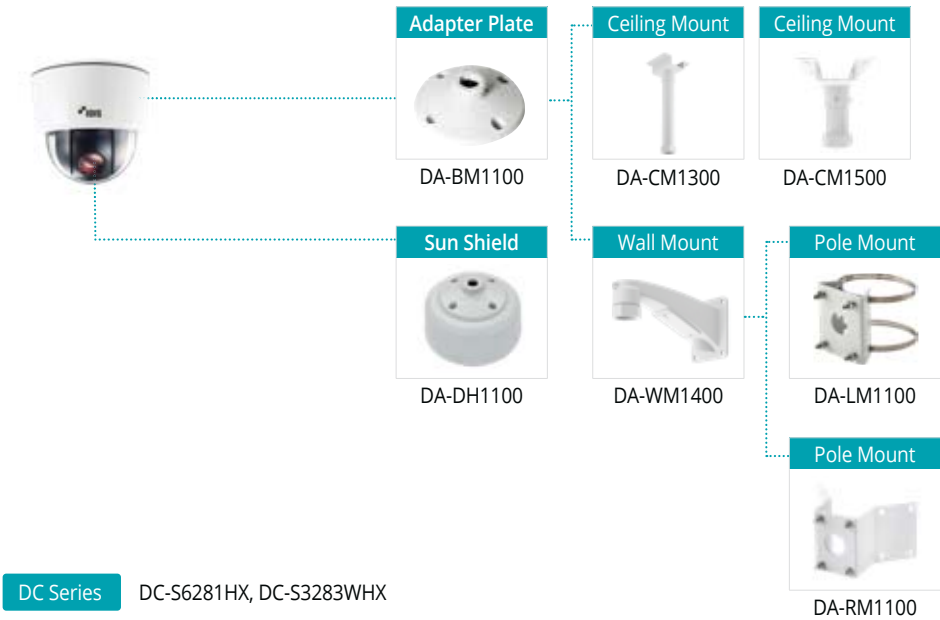
CAMERA CONFIGURATION TREE

- Adapter Plate · Mount Adapter · Box Housing · Sun Shield
- Junction Box · Flush Mount · Tilt Mount · Wall Mount
- Ceiling Mount · Pole Mount · Corner Mount





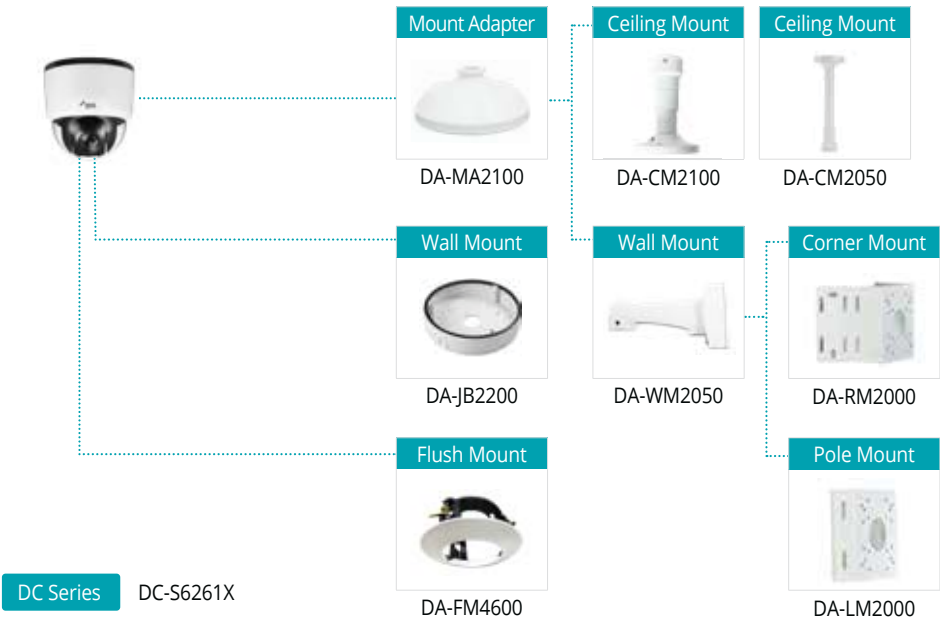
SPEED DOME (1)



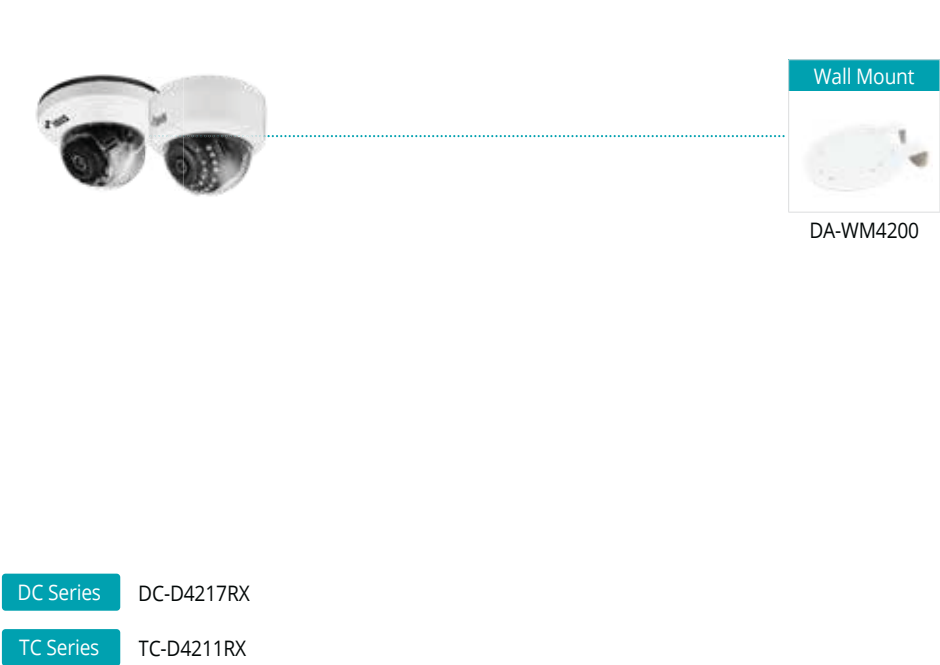
SPEED DOME (2)



SPEED DOME (3)



DOME (1)



DOME (2)



Flush Mount



DA-FM1500

Ceiling Mount



DA-CM2100

Ceiling Mount



DA-CM2050

Mount Adapter



DA-MA4300

Wall Mount



DA-WM2050

Corner Mount



DA-RM2000

Wall Mount



DA-WM4200

Pole Mount



DA-LM2000

DC Series

DC-D4537RXA, DC-D4536RX, DC-D4237RX, DC-D4236RX

TC Series

TC-D5532RX, TC-D5531RX, TC-D5531RXP-A

DOME (3)



Flush Mount



DA-FM1500

Wall Mount



DA-WM4200

DC Series TC-D4222RX, TC-D4221RXP

DOME (4)



Wall Mount



DA-WM4200

Flush Mount



DA-FM4100

DC Series

DC-D4216RX, DC-D4216X, DC-D4517RXP, DC-D4517RX

TC Series

TC-D5511RX

DOME (5)



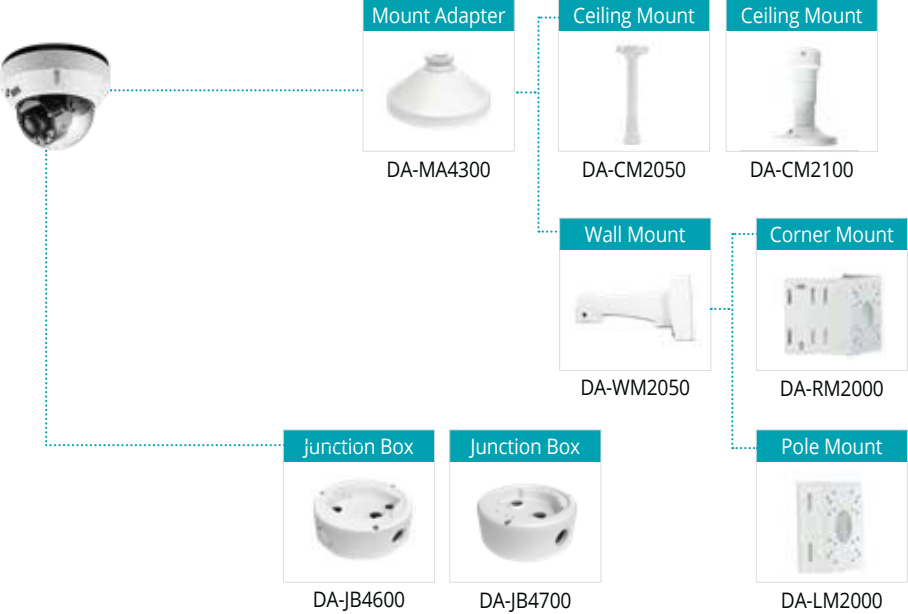
Wall Mount



DA-WM4100

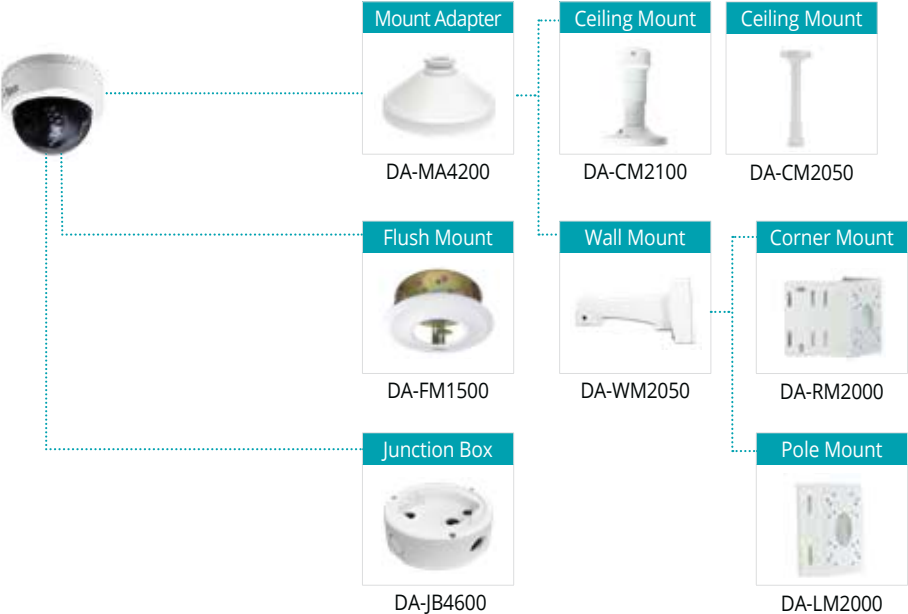
DC Series DC-D4211CRX

DOME (6)



DC Series DC-D4811WRX, DC-D4516WRX, DC-D4216WRX

DOME (7)



TC Series TC-D4222WRX, TC-D4221WRXP

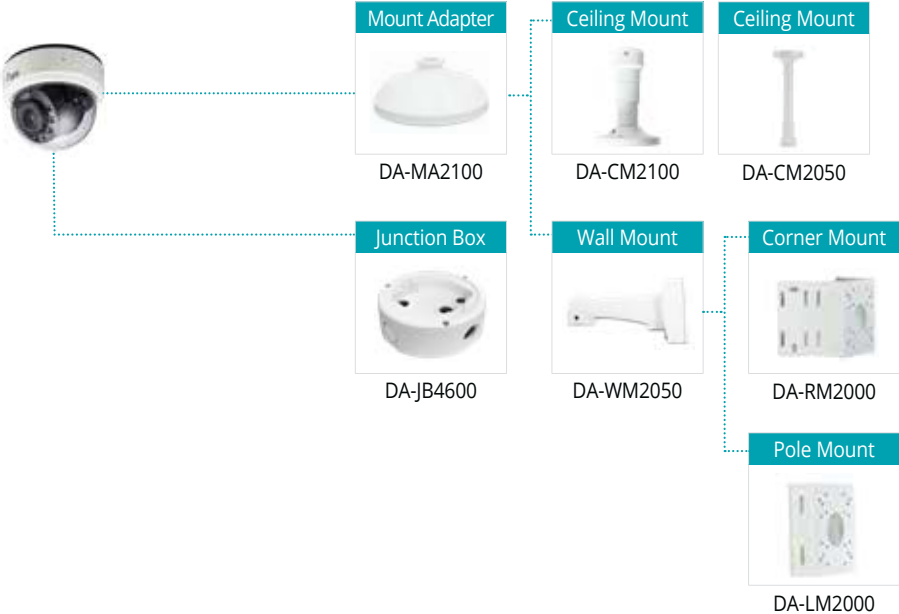
DOME (8)



DC Series DC-D4831HRX, DC-D4537HRXA, DC-D4536HRX, DC-D4236HRX, DC-D4238HRA, DC-4248HRA, DC-D4236WRX, DC-D4246WX

TC Series TC-D5532RX, TC-D5531RX, TC-D5531RXP-A

DOME (8-1)



DC Series DC-D4218WRA

DOME (9)



Mount Adapter  DA-MA4200	Ceiling Mount  DA-CM2100	Ceiling Mount  DA-CM2050
Mount Adapter  DA-MA4300	Wall Mount  DA-WM2050	Corner Mount  DA-RM2000
Junction Box  DA-JB4600	Pole Mount  DA-LM2000	

DC Series DC-D4532WERA

DOME (10)

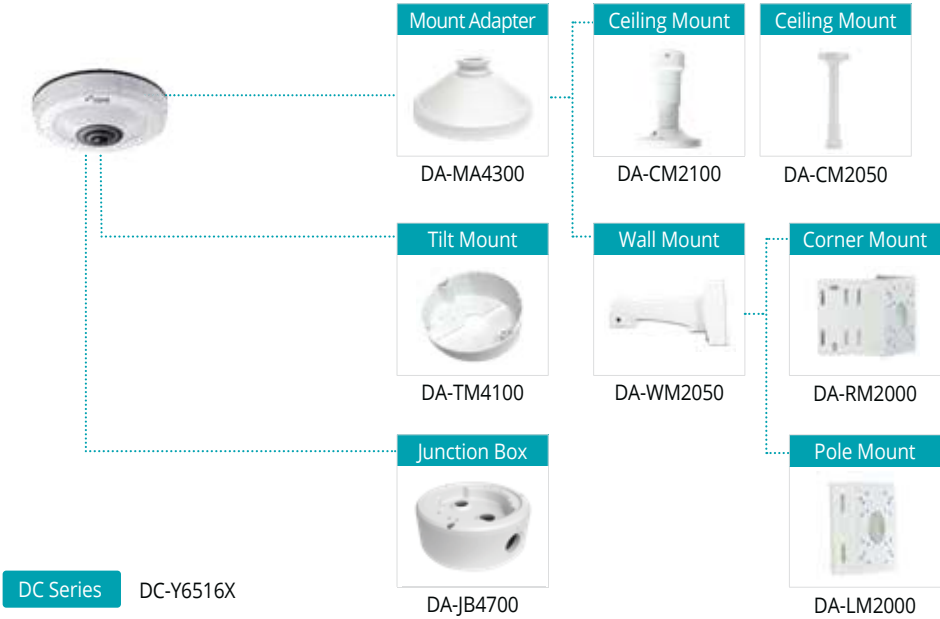


Mount Adapter  DA-MA4300	Ceiling Mount  DA-CM2100	Ceiling Mount  DA-CM2050
Mount Adapter  DA-MA4300	Wall Mount  DA-WM2050	Corner Mount  DA-RM2000
Junction Box  DA-JB4700	Pole Mount  DA-LM2000	

DC Series DC-D4512WERA



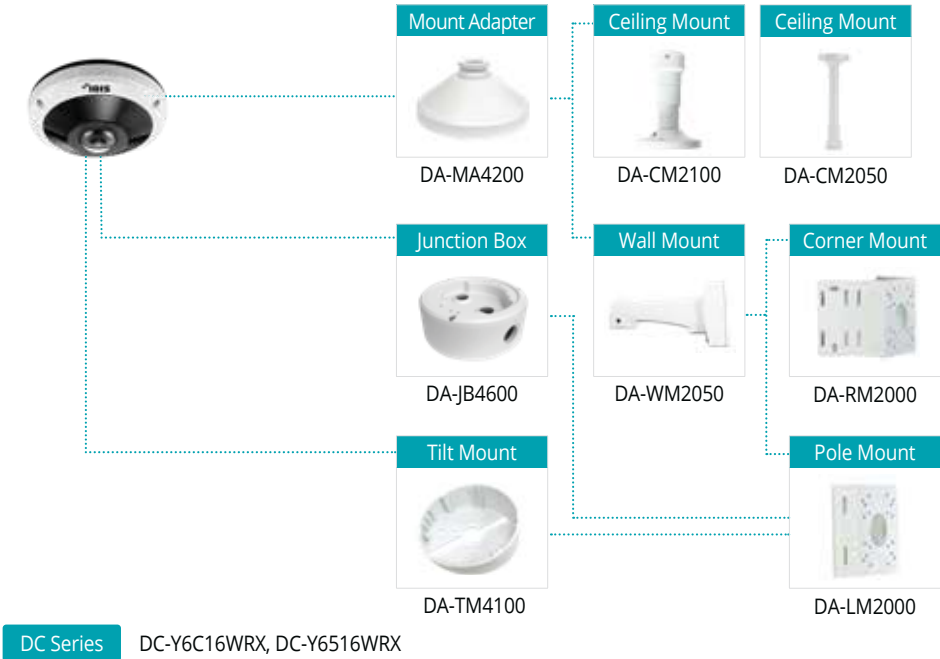
FISHEYE (2)



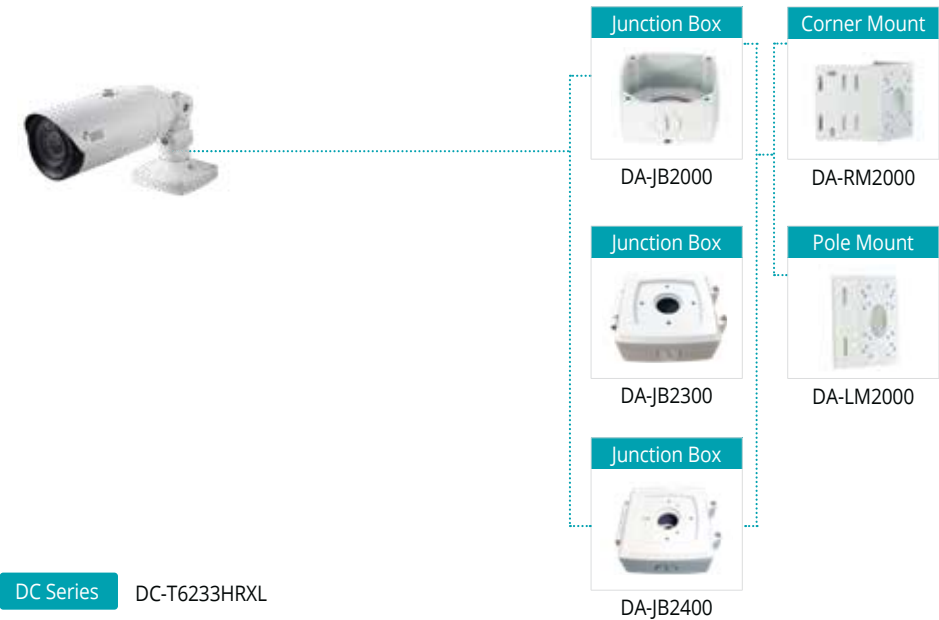
INTERCOM



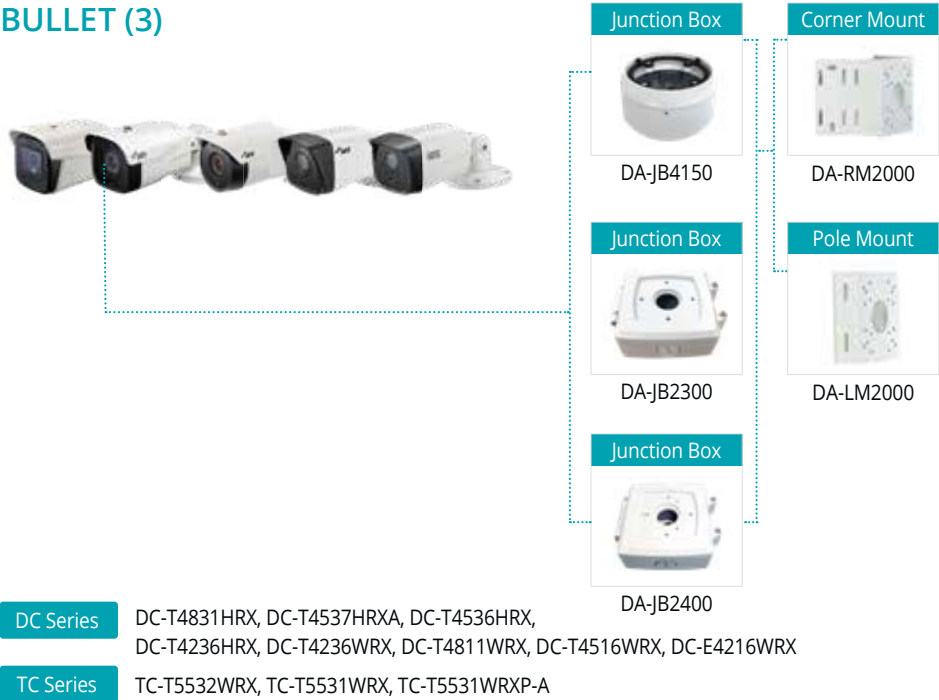
FISHEYE (3)



BULLET (1)



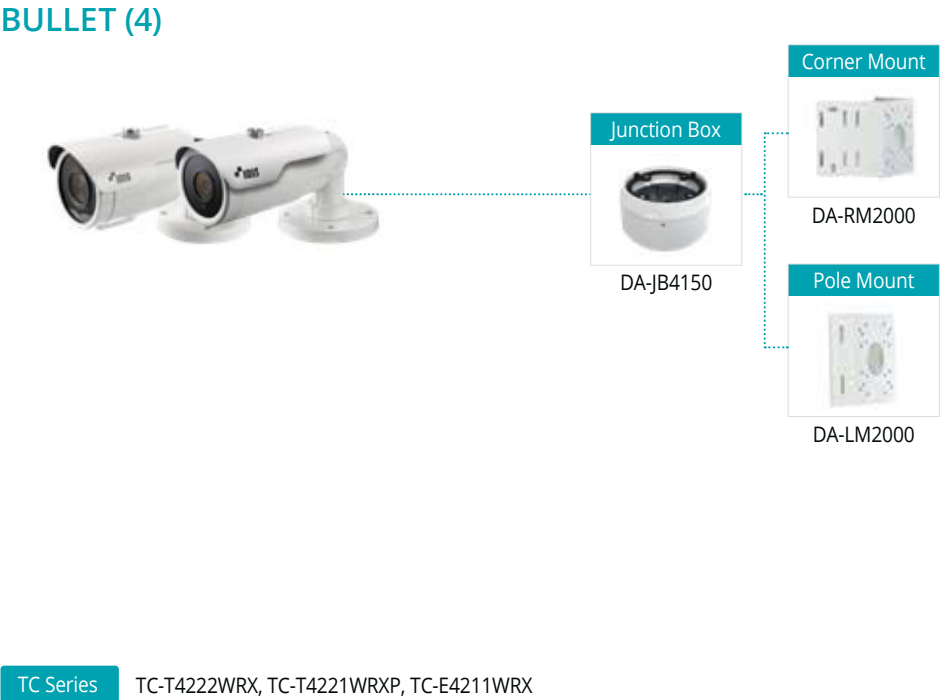
BULLET (3)



BULLET (3-1)



BULLET (4)



BULLET (5)



DC Series DC-T6222HRL, DC-T6224HRXL, DC-T6223HRL

BOX / ZOOM



DC Series DC-B6206XL, DC-B4501X

TC Series TC-B5501X, TC-B5501XP-A, TC-B4201X, TC-B4202X, TC-B4201XP

BULLET (6)



TC Series DC-T4517WRXP, DC-T4517WRX, DC-T4217WRX



INDOOR DOME



Flush Mount



CID-FMA

Wall Mount with Cap



CID-WMT-CDM

Corner Mount



CHG2501

Pole Mount



CHG2511

Pendant Mount with Cap



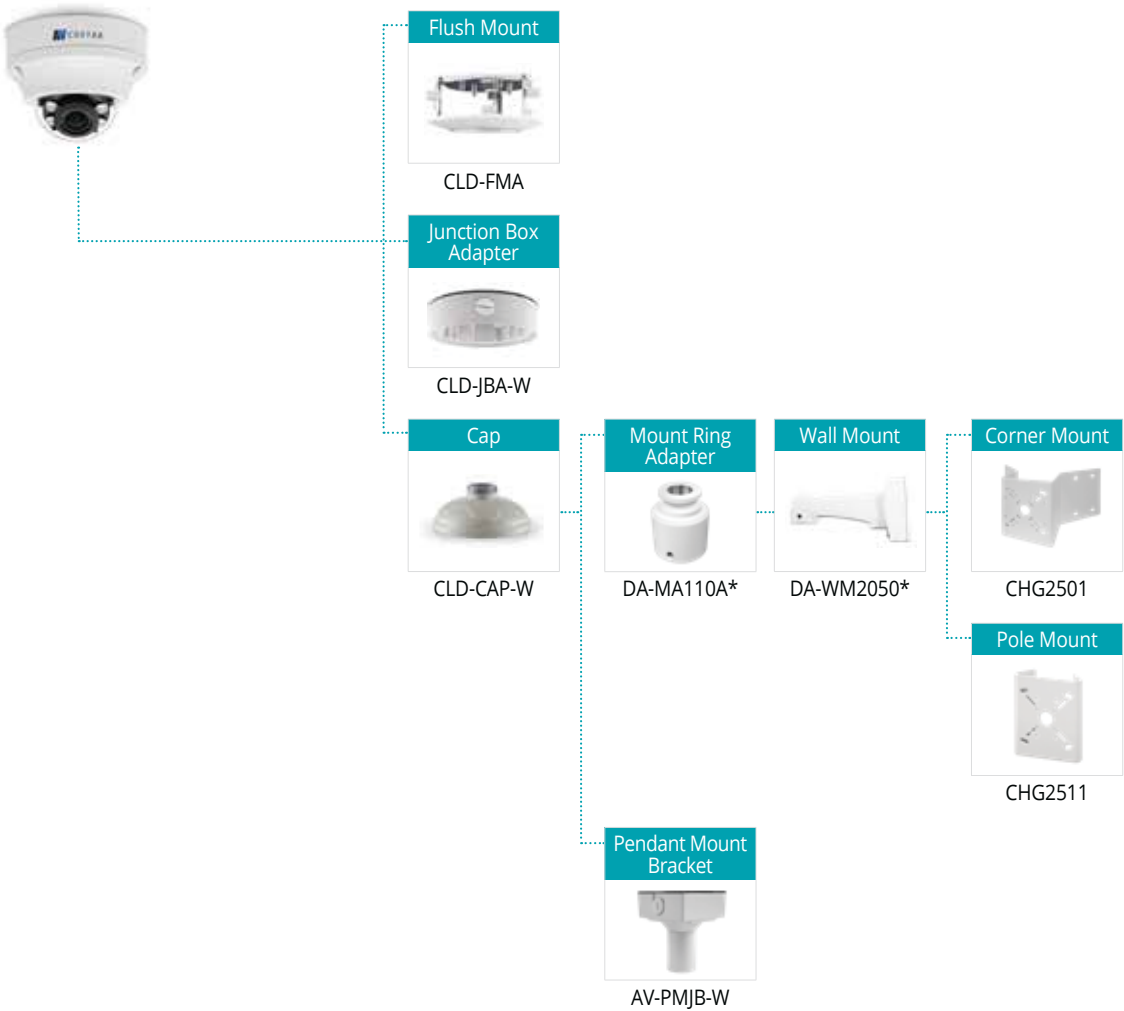
CID-CMT-W

Here are the options available based on your situation:

Models		Type
	CID-CAP-W	Cap

Models AV02CID-200, AV02CID-201, AV05CID-200, AV05CID-201

OUTDOOR DOME



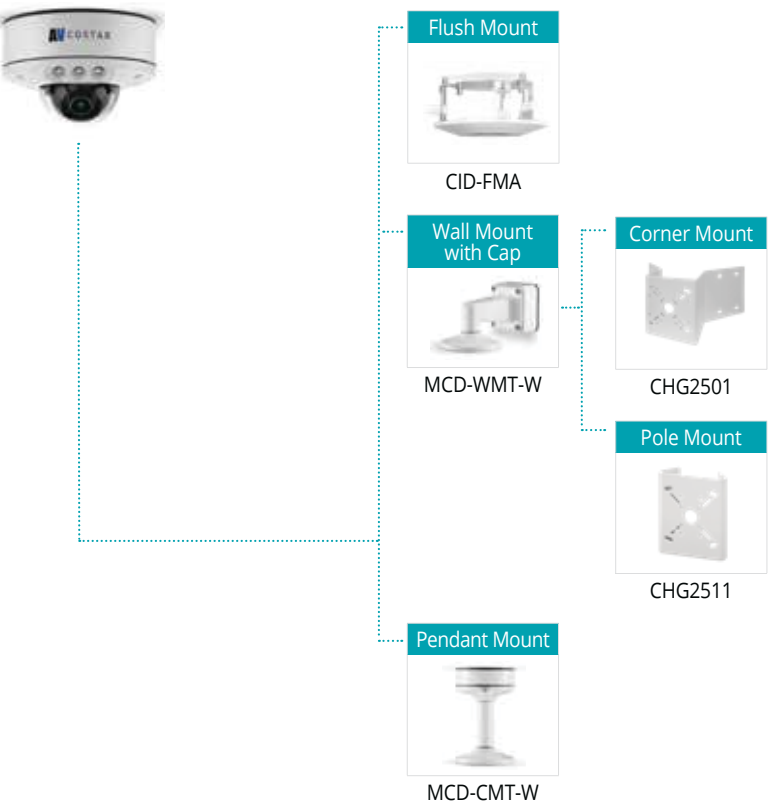
Here are the options available based on your situation:

Models		Type
	AV-EBAPR	Electrical Box Adapter Plate
	DA-JB130A	Wall Mount Junction Box w Cover
	DA-JB131A	4S weathertight Junction Box Cover w/ gasket
	DA-MA110A	Mount Ring Adapter

* DA-WM2050 can be used with Junction box
If a junction box is required: used with DA-JB130A
If a junction box is existed : used with DA-JB131A
*DA-MA110A(Mount ring Adapter) is used with DA-WM2050

Models AV02CLD-200, AV05CLD-200

MICRO DOME



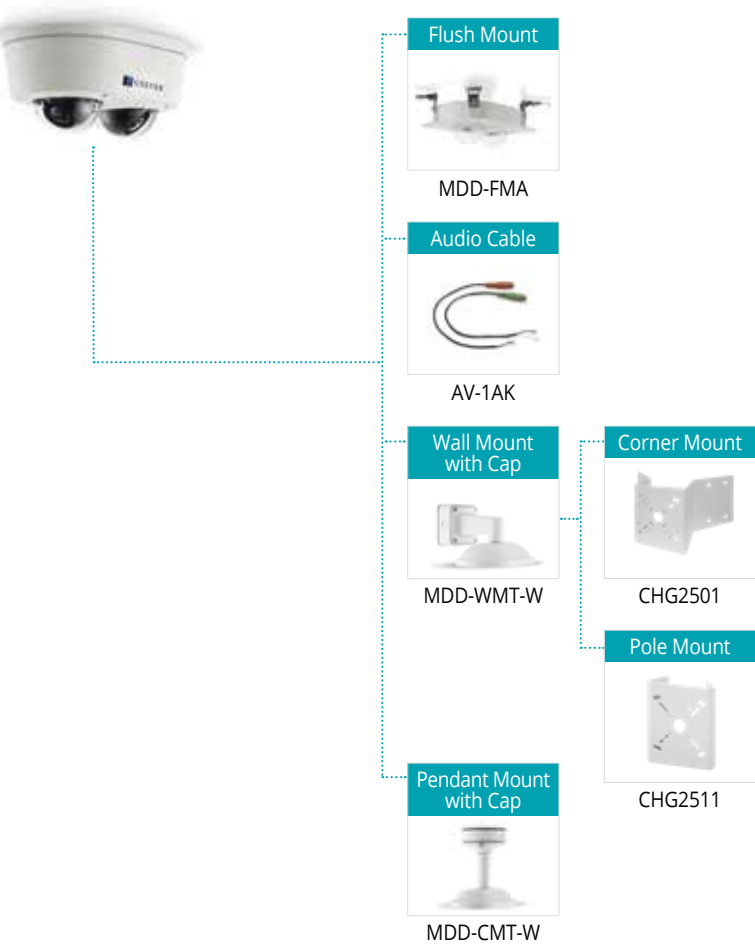
Models AV2856DNIR-S, AV2856DNIR-F, AV5856DNIR-S, AV5856DNIR-F
AV8856DNIR-S, AV8856DNIR-F

* Compatible with Surface Mounted Cameras

Here are the options available based on your situation:

Models		Type
	MCD-EBA*	Corner Mount
	MCD-JBAS-W*	Junction Box Adapter
	MCD-CRMT*	Electrical Box Adapter
	MCD-4S*	Electrical Box Adapter
	AV-JBA-W	Junction Box

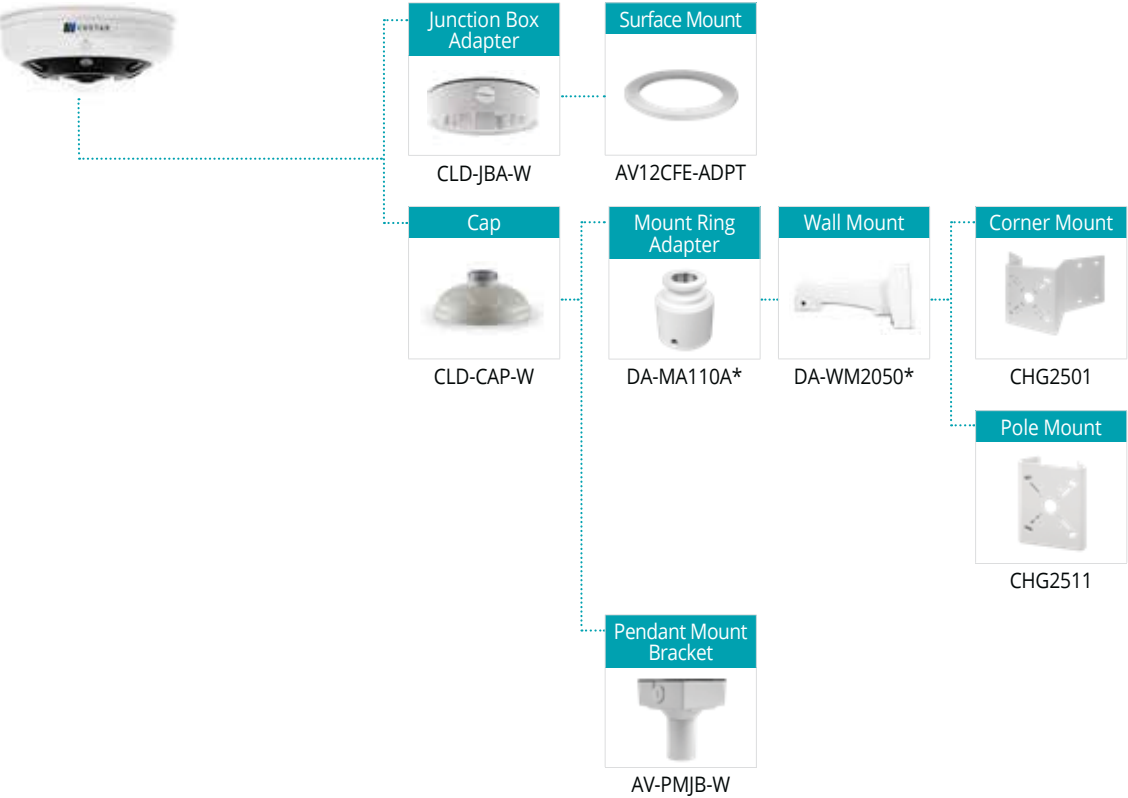
MICRO DOME DUO



Models AV4956DN-28, AV10956DN-28, AV16956DN-28

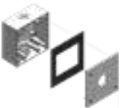
Here are the options available based on your situation:

Models		Type
	AV-JBA-W	Junction Box



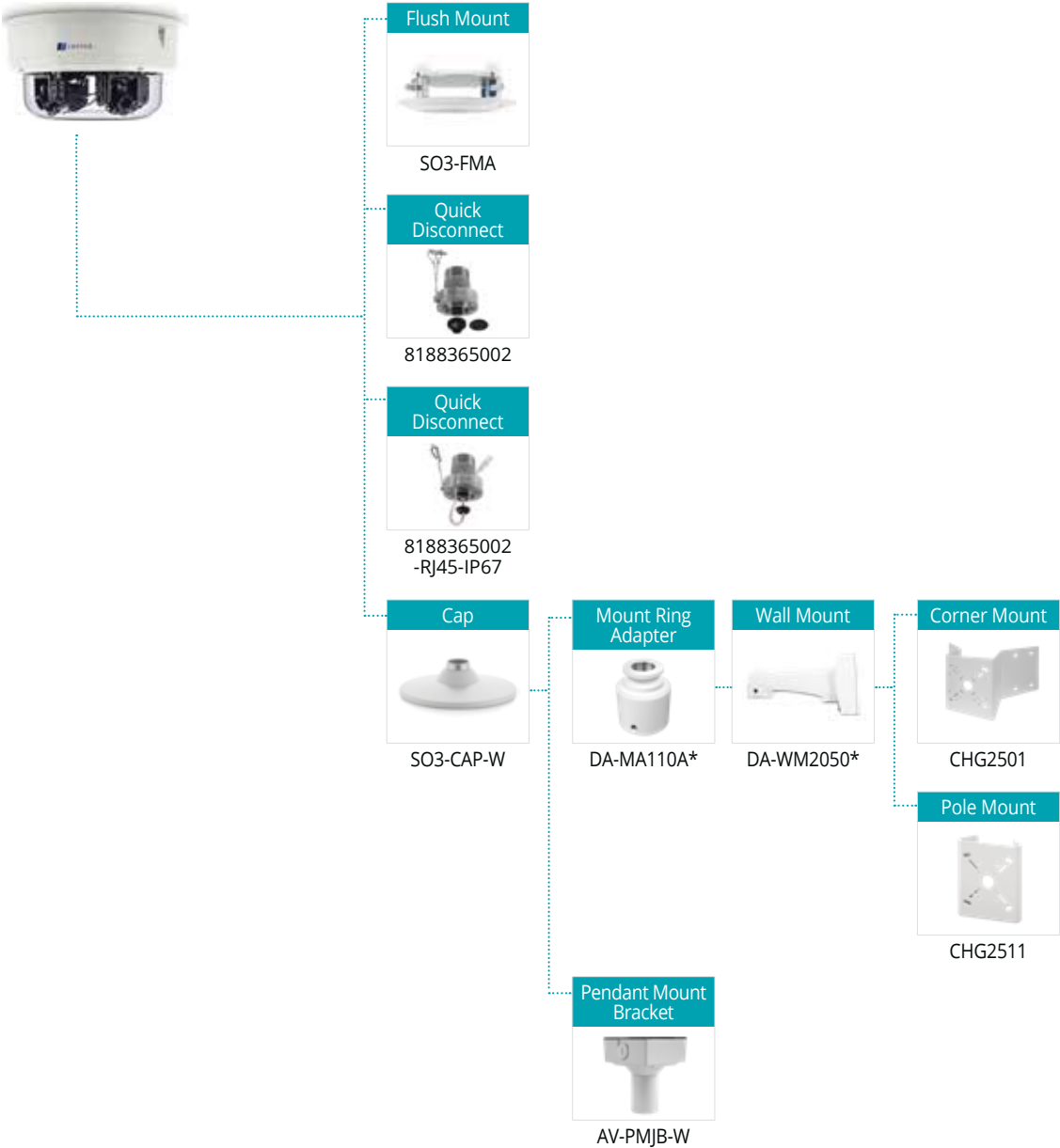
Models AV12CFE-250

Here are the options available based on your situation:

Models		Type
	AV-EBAPR	Electrical Box Adapter Plate
	DA-JB130A	Wall Mount Junction Box w Cover
	DA-JB131A	4S weathertight Junction Box Cover w/ gasket
	DA-MA110A	Mount Ring Adapter

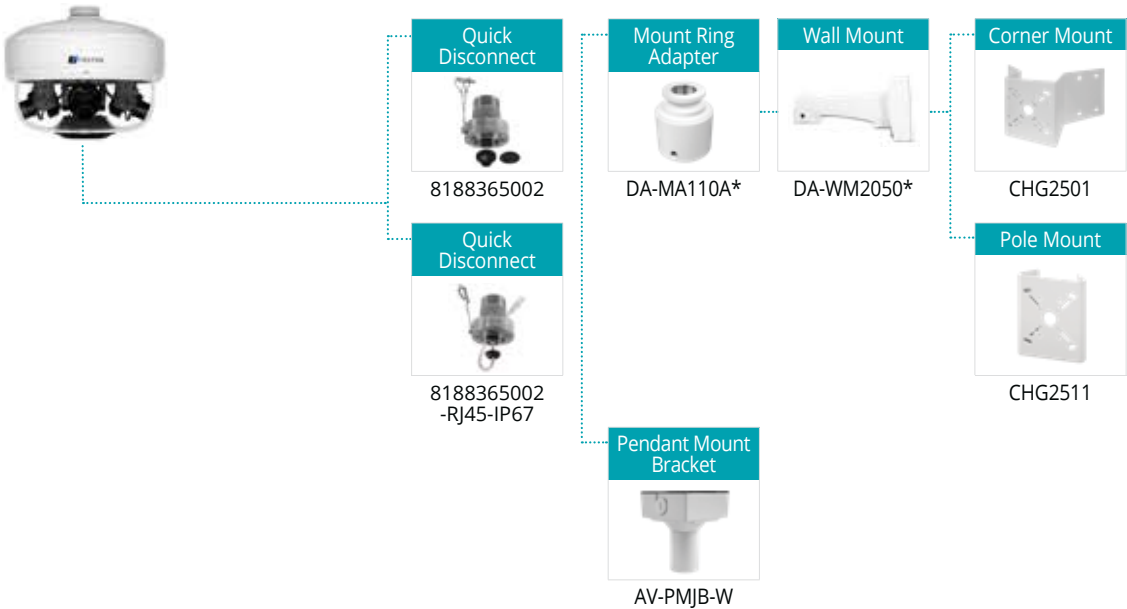
* DA-WM2050 can be used with Junction box
If a junction box is required: used with DA-JB130A
If a junction box is existed : used with DA-JB131A
*DA-MA110A(Mount ring Adapter) is used with DA-WM2050

(1) MULTI-IMAGER OMNI RS



Models AV20576RS

(2) MULTI-IMAGER OMNI RSIR



When installing a MULTI- IMAGER OMNI RS/RSIR camera,
Here are the options available based on your situation:

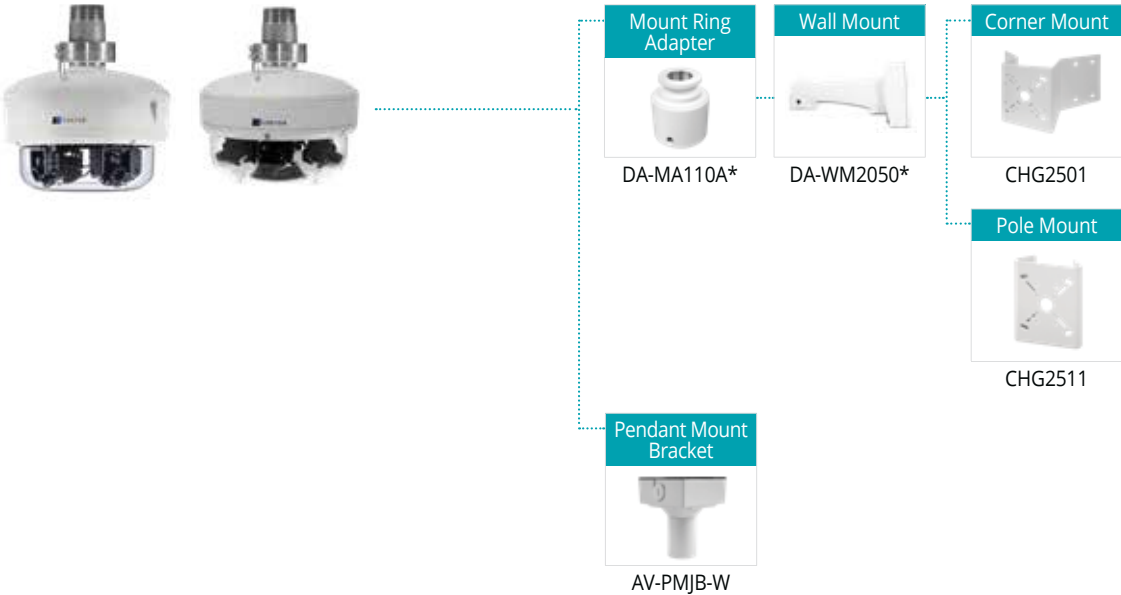
Models		Type
	AV-JBA-W	Junction Box
	7412007-006	PoE Injector
	DA-JB130A	Wall Mount Junction Box w Cover
	DA-JB131A	4S weathertight Junction Box Cover w/ gasket
	DA-MA110A	Mount Ring Adapter

* DA-WM2050 can be used with Junction box
If a junction box is required: used with DA-JB130A
If a junction box is existed : used with DA-JB131A
*DA-MA110A(Mount ring Adapter) is used with DA-WM2050

Models AV20576RSIR, AV32576RSIR

MULTI-IMAGER OMNI RS/RSIR

With 1.5" NPT IP67 Quick Disconnect



When installing a MULTI- IMAGER OMNI RS/RSIR camera, Here are the options available based on your situation:

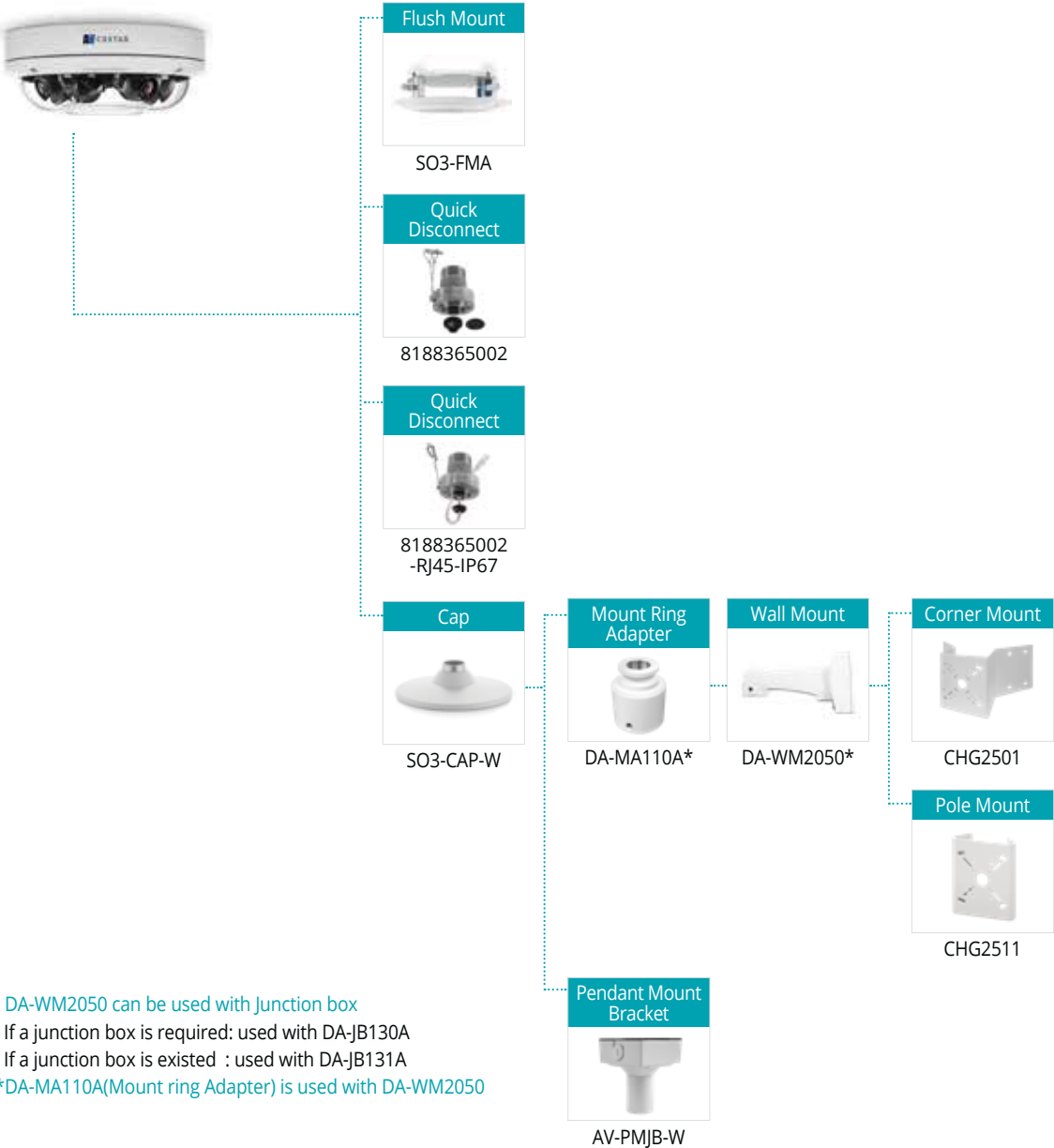
Models	Type	
	AV-JBA-W	Junction Box
	7412007-006	PoE Injector
	DA-JB130A	Wall Mount Junction Box w Cover
	DA-JB131A	4S weathertight Junction Box Cover w/ gasket
	DA-MA110A	Mount Ring Adapter

* DA-WM2050 can be used with Junction box
 If a junction box is required: used with DA-JB130A
 If a junction box is existed : used with DA-JB131A
 *DA-MA110A(Mount ring Adapter) is used with DA-WM2050

Models

AV20576RS-QDRJ45, AV20576RSIR-QDRJ45, AV32576RSIR-QDRJ45

MULTI-IMAGER OMNI LX



* DA-WM2050 can be used with junction box
If a junction box is required: used with DA-JB130A
If a junction box is existed : used with DA-JB131A
*DA-MA110A(Mount ring Adapter) is used with DA-WM2050

Models AV8576DN-28, AV20576DN-28

LENS for MULTI-IMAGER OMNI LX,
DUO LX and Microdome LX

Models	Type	Accessory PN
	AV2856DNIR-S, AV2856DNIR-F AV5856DNIR-S, AV5856DNIR-F AV8856DNIR-S, AV8856DNIR-F	Lens 2.4mm MPM2.4d
		Lens 2.8mm MPM2.8C
		Lens 4mm MPM4.0d
		Lens 6mm MPM6.0d
	AV4956DN-28, AV10956DN-28 AV16956DN-28	Lens 8mm* MPM8.0d
		Lens 12mm* MPM12.0d
	AV8576DN-28 / AV20576DN-28*	Lens 16mm* MPM16.0d

* MPM8.0d, MPM12.0d, MPM16.0d require SO-BUBBLE
* 8/12/16 millimeter lenses only

When installing a MULTI-IMAGER OMNI LX camera,
Here are the options available based on your situation:

Models	Type
SO-BUBBLE*	Bubble With Gasket
AV-JBA-W	Junction Box
7412007-006	PoE Injector
DA-JB130A	Wall Mount Junction Box w Cover
DA-JB131A	4S weathertight Junction Box Cover w/ gasket
DA-MA110A	Mount Ring Adapter

MEMO



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