IDIS One Solution. One Company.



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

TECHNOLOGY LINE UP 2026

Made in KOREA



One Solution. One Company.

Contents

Network Products

Camera	AI Cameras	Dome / Turret / Bullet / PTZ / Fisheye / Multi-directional
	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 Product Nomenclature

Network Cameras



① Product

DC : IP Camera
TC : Analog Camera

② Type

D : Dome
T : Bullet
B : Box
S : PTZ
Y : Fisheye
V : Covert
Z : Zoom
M : Mobile
G : Parking
U : Multi-imager
  Multi-directional
  Stitching
  Dual dome
TH : Thermal
SP : Specialty

③ Series

1,3 : Legacy Model
2 : 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~x40
9 : Zoom Lens Reserved
A : Stitching

⑥ Version

0 : Reserved
1~9, A~Z

⑦ Extension

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

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

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

⑧ Renewal Version

Network Video Recorder



① Product

DR : NVR
TR : DVR

② Type

M : Mobile (Mobile)
1 : Entry
2 : Quality
4 : Standard
6 : Expert
8 : Flagship

③ Generation

1~9

④ Channel

01~99 : 01~99Ch

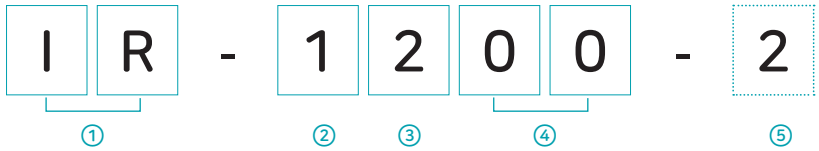
⑤ Extension

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

⑥ Renewal Version

Pre-Installed VMS



① Product

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

② Series

1~9

③ Version

0 : Reserved
1~9

④ Channel

[PC-Grade Models]
Use 0 to ensure a three-digit model number

[Server-Grade Models]
Use 00 to ensure a four-digit model number

⑤ Renewal Version

About IDIS



IDIS Tower Pangyo, South Korea

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.

42nd National Productivity Awards - Industrial Innovation Leader Category

IDIS SMART FACTORY

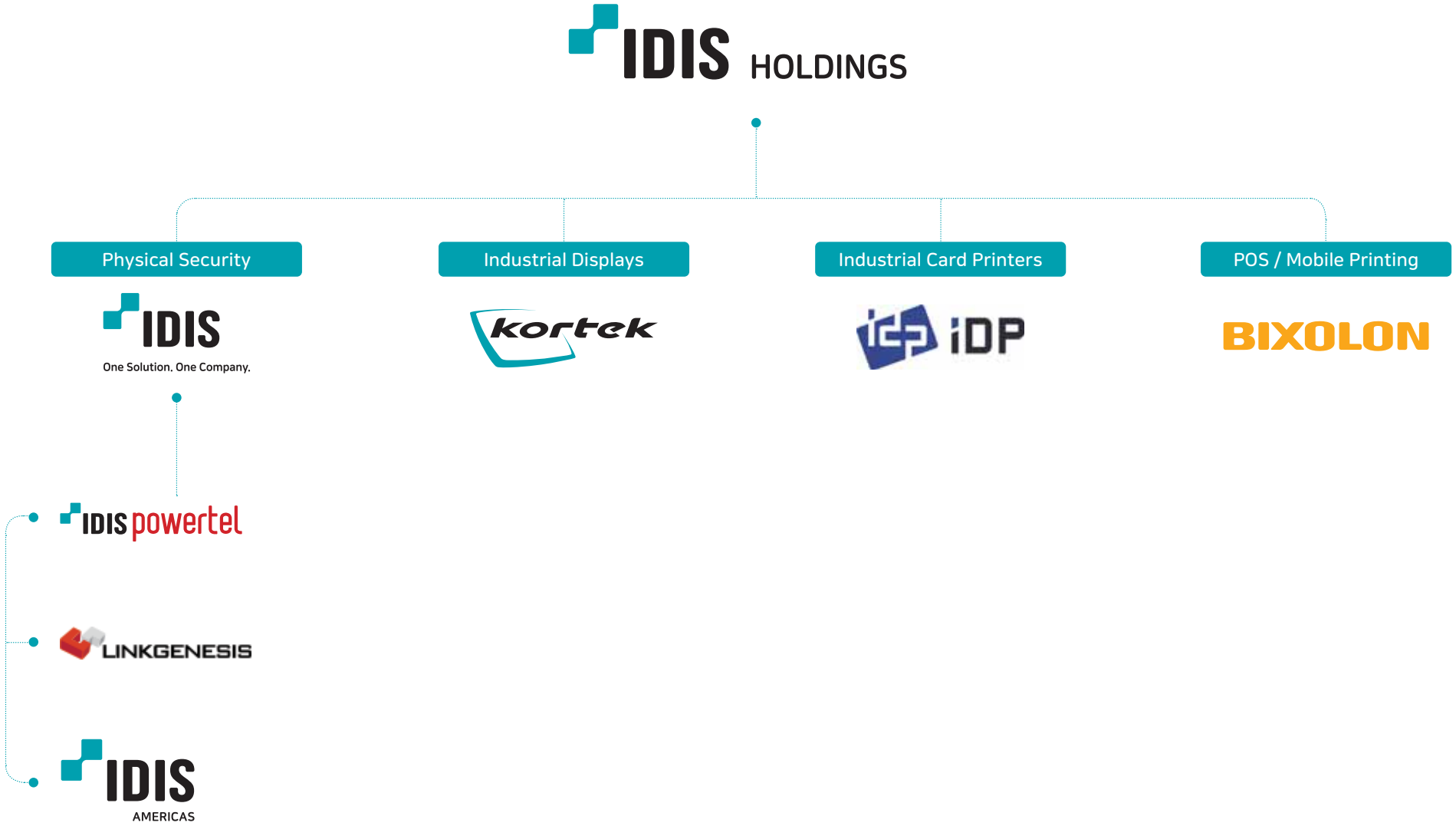
In 2018, IDIS was honored with a presidential citation in the 42nd National Productivity Competition (sponsored by the South Korean Ministry of Trade, Industry and Energy) for the company's custom designed IDIS Smart Factory.

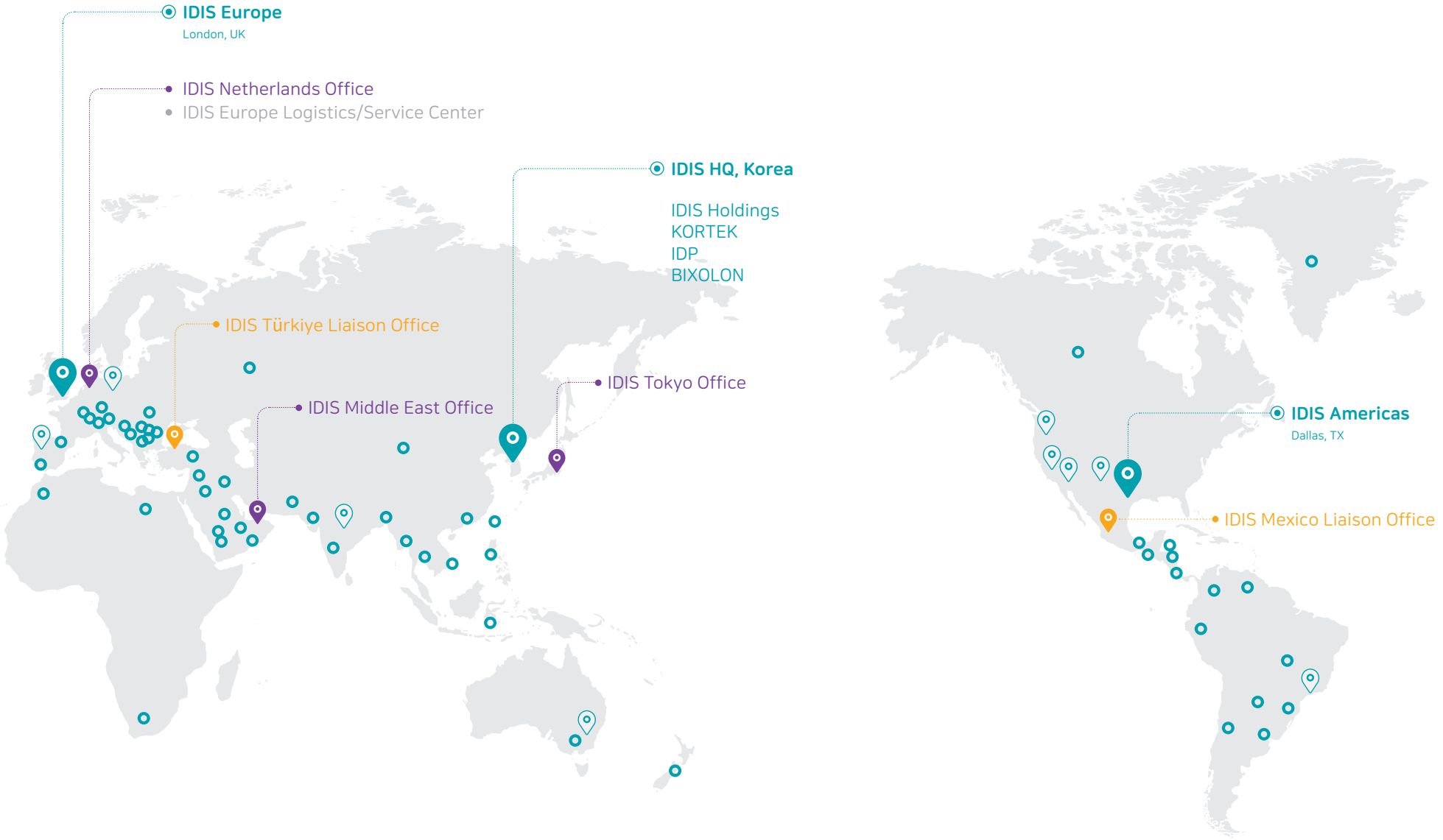




IDIS Smart Factory Daejeon, South Korea

The IDIS Group: The Intelligent Video Surveillance Leader




IDIS Europe
London, UK
IDIS Netherlands Office
IDIS Europe Logistics/Service Center
IDIS HQ, Korea
IDIS Holdings
KORTEK
IDP
BIXOLON
IDIS Türkiye Liaison Office
IDIS Middle East Office
IDIS Tokyo Office
IDIS Americas
Dallas, TX
IDIS Mexico Liaison Office

IDIS AI Solutions

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.




Human
Human
Human
IDIS
IDIS
IDIS

For the most powerful, scalable video solutions

IDIS AI Solutions

IDIS end-to-end video solutions give systems integrators and end-users everything they need for Middle East applications, from multi-branch retail to oil and gas sites, from luxury casinos to hospitality. 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.





IDLA Pro: IDIS Deep Learning Analytics Pro

Our existing IDLA engine has evolved into a next-generation neural network, going beyond basic detection to include advanced behavioral analysis such as crowd detection, alerts for abandoned or removed objects, and fall detection. These strengthen real-time situational awareness and allow faster responses to potential security and safety risks. From preventing accidents and ensuring public safety to securing highly populated, busy environments, IDLA Pro allows intelligent monitoring with less manual oversight and greater efficiency.

Crowd Detection

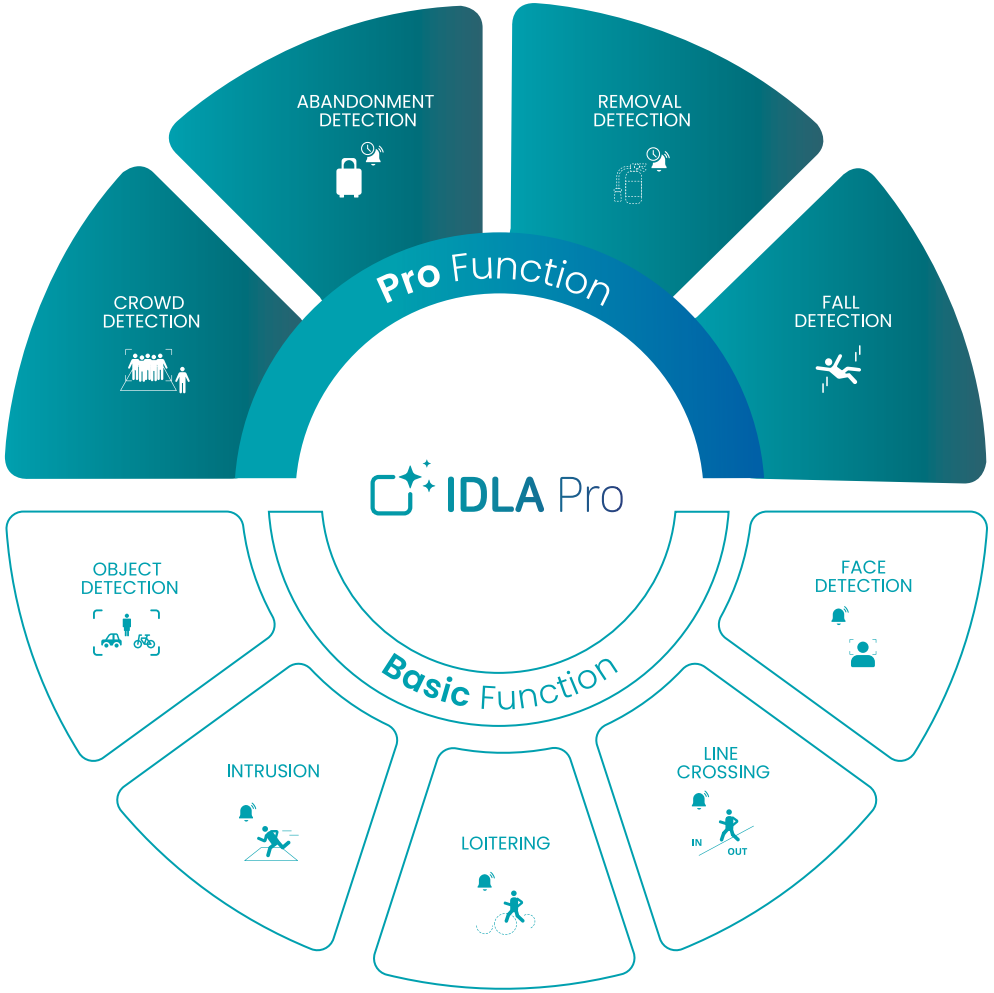
Crowd detection is vital for safety and efficiency. Automating crowd density monitoring in real time with an overlaid density map supports public safety in a range of settings, optimizing pedestrian flow, preventing bottlenecks, and enhancing domain awareness.



Abandoned Object Detection

Unattended items, particularly in busy public spaces, pose significant risks. Abandoned object detection automatically identifies suspicious items left unattended, enabling faster responses to potential threats.





Removed Object Detection

Alerts when valuable items or safety equipment are removed from designated areas provide critical oversight to prevent theft without requiring continuous monitoring, while supporting health and safety standards, and helping staff locate specialist equipment.



Fall Detection

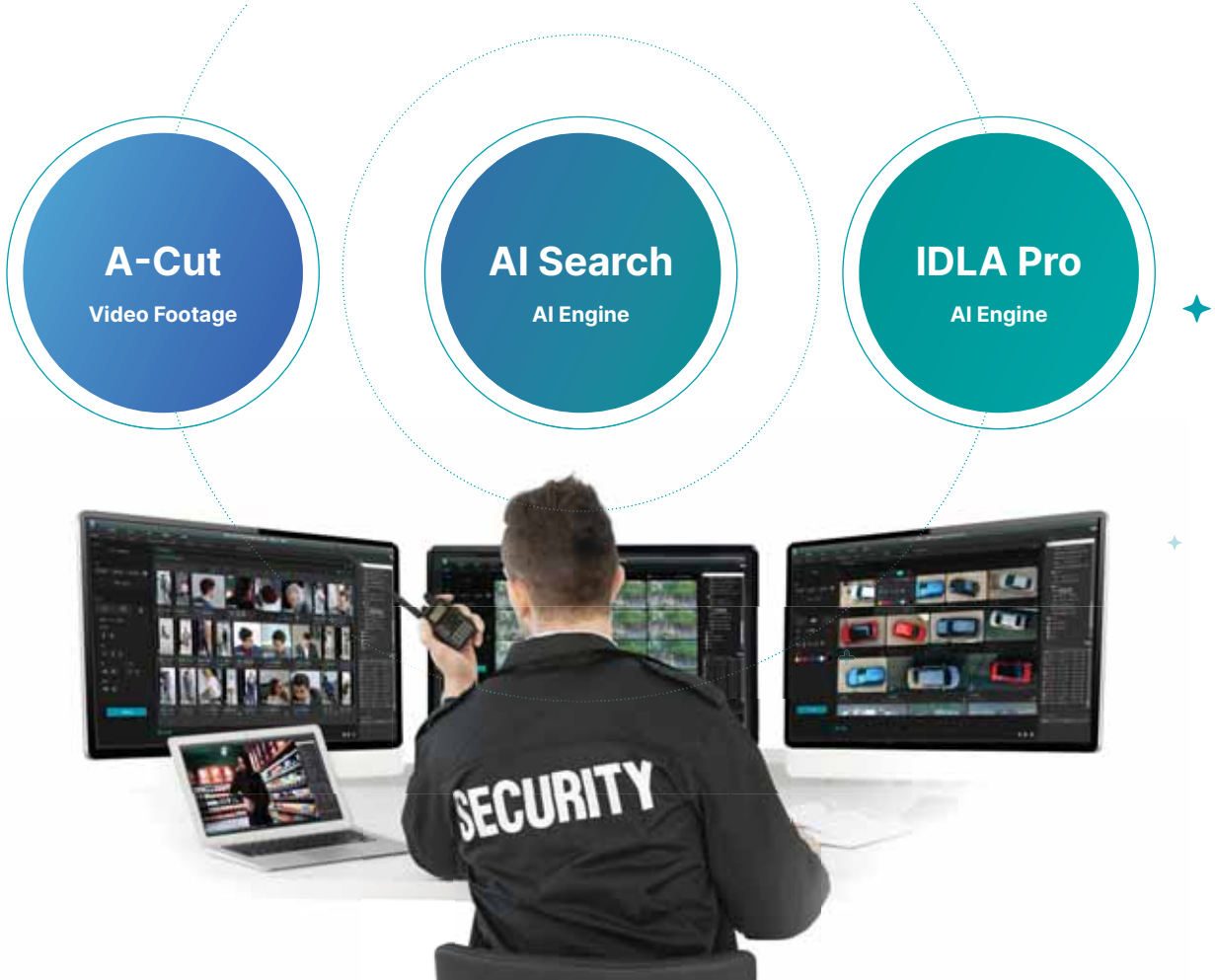
Fall detection can play a vital role in a range of applications. It identifies incidents where individuals collapse or lose consciousness, enabling immediate alerts and rapid intervention, which significantly improves safety and patient care through faster first aid.



Edge AI Plus Camera Capabilities

The Edge AI Camera Plus Series delivers next-level intelligence that redefines video surveillance efficiency. As part of this new lineup, IDIS introduces three powerful features developed in-house: A-Cut, AI Search, and IDLA Pro — all newly integrated into the Edge AI Camera Plus models.

Together, these innovations dramatically reduce footage review time and elevate situational awareness — enabling operators to concentrate on critical events instead of sorting through endless video. Whether monitoring high-traffic areas or managing large-scale operations, this advanced AI integration provides a clear operational advantage.



A-Cut: Smart Cropped Images Through Object Tracking

To address these issue, IDIS has developed an AI-powered technology called A-Cut, which tracks detected objects in video footage. It automatically extracts the most representative scenes for each object and provides them as cropped images. A-Cut transforms how you monitor and review video footage. For every detected object in the video stream, a representative cropped image is automatically generated—making it easy to identify object types and characteristics at a glance. Clicking on any image instantly navigates you to the precise moment that object appeared, giving you fast, intuitive access to key events.



A-Cut Monitoring **A-Cut**

IDIS AI Search: Intuitive Search Across Multiple Attributes

The cropped images extracted by A-Cut serve as powerful search tools when combined with AI Search. Each image is analyzed by IDIS AI and categorized as human, vehicle, or face. For humans, the system identifies gender, age group, and clothing color. For vehicles, it detects type and color. For faces, it notes gender, age, and accessories like glasses or hats. These attributes enable users to search efficiently—for example, “male, senior, blue clothing” or “red bike.” IDIS AI Search accelerates and accurately targets incident responses thanks to quick attribute based filtering.

Live Monitoring: Human



Attribute: Face



Attribute: Vehicle



IDIS Cybersecurity

Ensuring information system security and data confidentiality

More information available at
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.

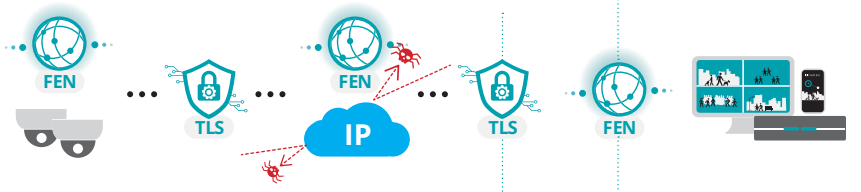


Network Cameras

Client Software

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.



Network Cameras

Public IP Network

VMS / NVR / Mobile App

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.



User Account

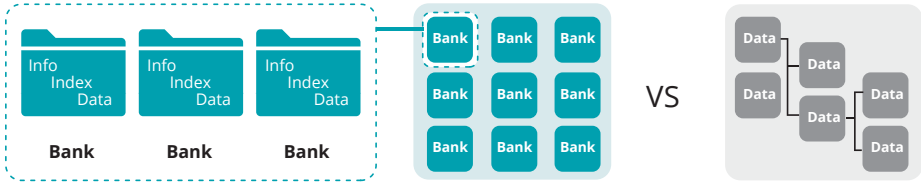
IDIS Mobile App

Two-Factor Authentication

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. Optimised to record and search the multimedia data.

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



IDIS iBank

Market Average

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.



Network Cameras

IDIS's Proprietary Technology (Designed for Video Surveillance)

Client / NVR

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.



Chained Fingerprint

Data Forgery

Red Check Mark

IDIS Intelligent Codec

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

More information available at
www.idisglobal.com/index/codec?lang=EN&country=IDIS



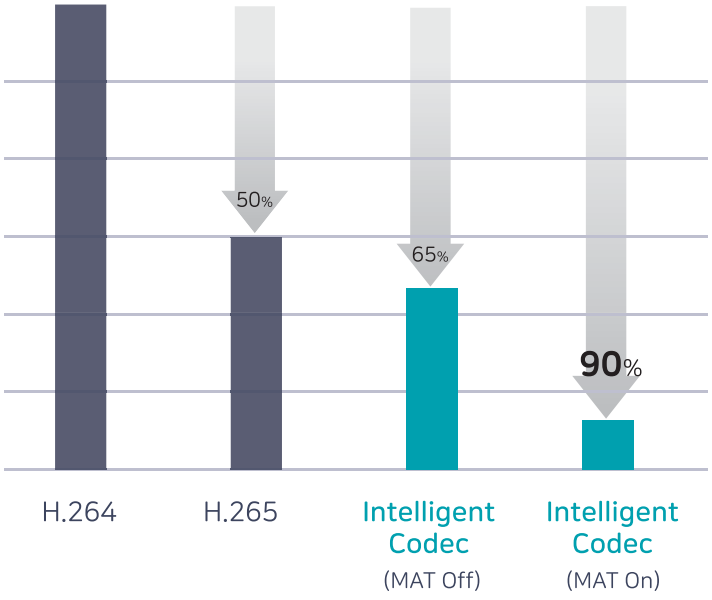
Lower your Cost of Ownership

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
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 (NLTSrec, 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

SD 24H 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
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.

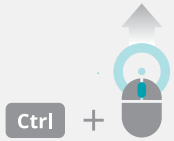


Quick Dewarping

Direct access to fisheye camera dewarping.



Ctrl + Scroll Up



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

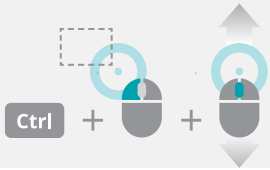


Quick Zoom

Direct access to digital zoom



Ctrl + Left Click & Hold
+ Scroll Up & Down



Quick Save

Save the current images in a structured format.



Ctrl + S



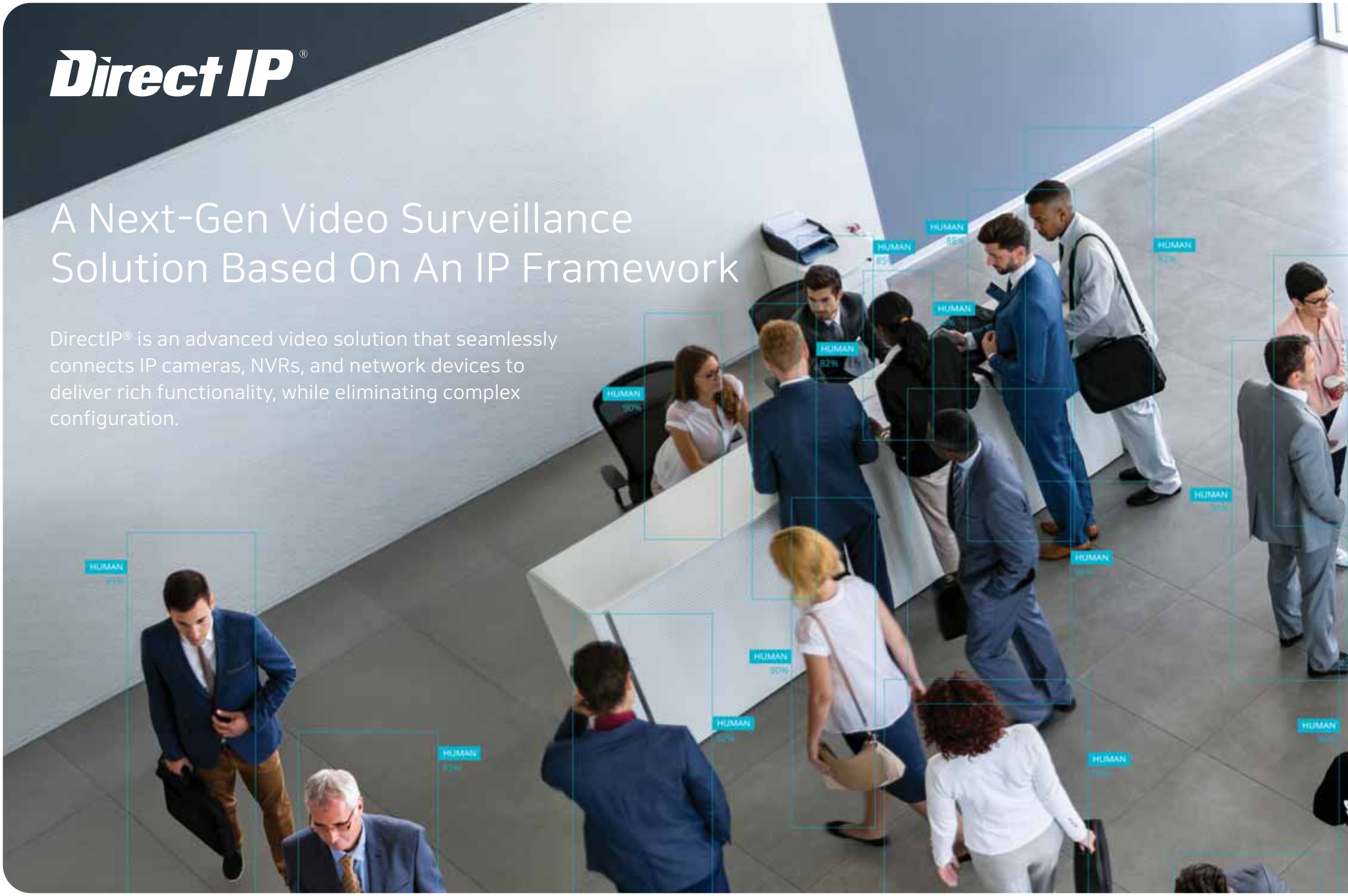
Quick Find

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.


HUMAN
90%
HUMAN
92%
HUMAN
HUMAN
96%
HUMAN
96%
HUMAN
HUMAN
HUMAN
HUMAN
HUMAN
HUMAN
SECURITY

CAMERA LINE UP

Edge AI Plus Cameras

IDLA Pro

DC-D6831WRA	DC-D6631WRA	DC-T8871WRA	DC-T6831WRA	DC-T6631WRA	DC-S6883WRA	DC-S6683WRA
NEW, 4K 8MP	NEW, 6MP	NEW, 4K 8MP	NEW, 4K 8MP	NEW, 6MP	NEW, 4K 8MP	NEW, 6MP
						
• AI IR Dome Camera • 1/1.8” • 8MP (3840 x 2160) • 4.3 ~ 9.8mm	• AI IR Dome Camera • 1/1.8” • 6MP (3328 x 1872) • 4.3 ~ 9.8mm	• AI IR Zoom Bullet Camera • 1/1.2” • 8MP (3840 x 2160) • 9.9 ~ 217.09mm (22x zoom)	• AI IR Bullet Camera • 1/1.8” • 8MP (3840 x 2160) • 4.3 ~ 9.8mm	• AI IR Bullet Camera • 1/1.8” • 6MP (3328 x 1872) • 4.3 ~ 9.8mm	• AI IR PTZ Camera • 1/1.8” • 8MP (3840 x 2160) • 6.5 ~ 260mm (40x zoom)	• AI IR PTZ Camera • 1/1.8” • 6MP (3328 x 1872) • 6.5 ~ 260mm (40x zoom)

Edge AI Cameras

IDLA

DC-D4538WRA	DC-D4538RA	DC-D4238HRA	DC-D4248HRA	DC-D4218WRA2.8/4.0	DC-D4532WERA	DC-D4512WERA2.8/4.3
5MP	5MP	Full HD 2MP	Full HD 2MP	Full HD 2MP	5MP	5MP
						
• AI IR Dome Camera • 1/2.8” • 5MP (2592 x 1944) • 2.7 ~ 13.5mm	• AI IR Dome Camera • 1/2.8” • 5MP (2592 x 1944) • 2.7 ~ 13.5mm	• AI IR Dome Camera • 1/2.8” • 2MP (1920 x 1080) • 2.8 ~ 12mm	• AI IR Dome Camera • 1/2.8” • 2MP (1920 x 1080) • 7 ~ 22mm	• AI IR Dome Camera • 1/2.8” • 2MP (1920 x 1080) • 2.8mm / 4.0mm	• AI IR Turret Camera • 1/2.8” • 5MP (2592 x 1944) • 3.2 ~ 10.5mm	• AI IR Turret Camera • 1/2.8” • 5MP (2592 x 1944) • 2.8mm / 4.3mm

DC-T4538WRA	DC-T4238HRA	DC-T4248HRA	DC-T4218WRA2.8/4.0	DC-S6481HRA	DC-Y8D11WRA	DC-U6K31WRA
5MP	Full HD 2MP	Full HD 2MP	Full HD 2MP	4MP	NEW, 12.5MP	NEW, 5MP x 4
						
• AI IR Bullet Camera • 1/2.8” • 5MP (2592 x 1944) • 2.7 ~ 13.5mm	• AI IR Bullet Camera • 1/2.8” • 2MP (1920 x 1080) • 2.8 ~ 12mm	• AI IR Bullet Camera • 1/2.8” • 2MP (1920 x 1080) • 7 ~ 22mm	• AI IR Bullet Camera • 1/2.8” • 2MP (1920 x 1080) • 2.8mm / 4.0mm	• AI IR PTZ Camera • 1/1.8” • 4MP (2688 x 1520) • 6.91 ~ 248.76mm (36x zoom)	• AI IR Fisheye Camera • 1/1.6” • 12.5MP (3520 x 3520) • 1.7mm	• AI IR Multi-directional Camera • 1/2.8” • 5MP (2592 x 1944) • 3.3 ~ 7.02mm

Base Line

DC-D4831HRX-W	DC-D4536HRX	DC-D4536RX-W	DC-D4236HRX-B	DC-D4236RX-W	DC-D4246WX
4K 8MP	5MP	5MP	Full HD 2MP	Full HD 2MP	Full HD 2MP
					
• IR Dome Camera • 1/2.8” • 8MP (3840 x 2160) • 2.7 ~ 13.5mm	• IR Dome Camera • 1/2.8” • 5MP (2592 x 1944) • 3.0 ~ 13.5mm	• IR Dome Camera • 1/2.8” • 5MP (2592 x 1944) • 3.0 ~ 13.5mm	• IR Dome Camera • 1/2.8” • 2MP (1920 x 1080) • 4.3 ~ 9.8mm	• IR Dome Camera • 1/2.8” • 2MP (1920 x 1080) • 2.8 ~ 12mm	• Dome Camera • 1/2.8” • 2MP (1920 x 1080) • 7 ~ 22mm

Base Line

DC-D4811WRX3.3



- IR Dome Camera
- 1/2.8”
- 8MP (3840 x 2160)
- 3.3mm

DC-D4516WRX2.8/4.0



- IR Dome Camera
- 1/2.8”
- 5MP (2592 x 1944)
- 2.8mm / 4.0mm

DC-D4517RXP2.8-W



- PoE Extender IR Dome Camera
- 1/2.8”
- 5MP (2592 x 1944)
- 2.8mm

DC-D4216WRX2.8



- IR Dome Camera
- 1/2.8”
- 2MP (1920 x 1080)
- 2.8mm

DC-D4216RX2.8/4.0



- IR Dome Camera
- 1/2.8”
- 2MP (1920 x 1080)
- 2.8mm / 4.0mm

DC-D4216X2.8



- Dome Camera
- 1/2.8”
- 2MP (1920 x 1080)
- 2.8mm

DC-D4211CRX2.8-W



- Micro Dome Camera
- 1/2.8”
- 2MP (1920 x 1080)
- 2.8mm

DC-T4831HRX



- IR Bullet Camera
- 1/2.8”
- 8MP (3840 x 2160)
- 2.7 ~ 13.5mm

DC-T4536HRX



- IR Bullet Camera
- 1/2.8”
- 5MP (2592 x 1944)
- 3.0 ~ 13.5mm

DC-T4236HRX



- IR Bullet Camera
- 1/2.8”
- 2MP (1920 x 1080)
- 2.8 ~ 12mm

DC-T6224HRXL



- License Plate Capture Camera
- 1/2”
- 2MP (1920 x 1080)
- 12 ~ 50mm

DC-T4811WRX3.3



- Bullet Camera
- 1/2.8”
- 8MP (3840 x 2160)
- 3.3mm

DC-T4516WRX2.8/4.0/6.0



- IR Bullet Camera
- 1/2.8”
- 5MP (2592 x 1944)
- 2.8mm / 4.0mm / 6.0mm

DC-T4217WRX2.8/4.0/6.0



- IR Bullet Camera
- 1/2.8”
- 2MP (1920 x 1080)
- 2.8mm / 4.0mm / 6.0mm

DC-T4517WRXP4.3/6.2



- PoE Extender Bullet Camera
- 1/2.8”
- 5MP (2592 x 1944)
- 4.3mm / 6.2mm

DC-Y6C16WRX-W



- Fisheye Camera
- 1/2.3”
- 12MP (2944 x 2944)
- 1.6mm

DC-Y6516WRX-W



- Fisheye Camera
- 1/1.8”
- 5MP (2560 x 2048)
- 1.5mm

DC-Y6516X



- Fisheye Camera
- 1/1.8”
- 5MP (2560 x 2048)
- 1.5mm

DC-S6882WR



- IR PTZ Camera (LightMaster NIR)
- 1/2”
- 8MP (3840 x 2160)
- 6.91 ~ 214.64mm (31x zoom)

DC-S6681HRX



- IR PTZ Camera (LightMaster NIR)
- 1/1.8”
- 6MP (3328 x 1872)
- 6.5 ~ 202mm (31x zoom)

DC-S6286HRXL



- IR PTZ Camera (LightMaster NIR)
- 1/2”
- 2MP (1920 x 1080)
- 6 ~ 216mm (36x zoom)

DC-S6281HX



- PTZ Camera
- 1/2.8”
- 2MP (1920 x 1080)
- 5.2 ~ 156mm (30x zoom)

DC-S6261X



- Mini PTZ Camera
- 1/2.8”
- 2MP (1920 x 1080)
- 5.3 ~ 64mm (12x zoom)

DC-B4501X



- Box Camera
- 1/2.8”
- 5MP (2592 x 1944)

DC-B6206XL



- Box Camera (LightMaster NIR)
- 1/2”
- 2MP (1920 x 1080)

DC-V4212XJ4.3



- Modular Covert Camera
- 1/2.8”
- 2MP (1920 x 1080)
- 4.3mm

DC-V4212XJ2.4



- Modular Covert Camera
- 1/2.8”
- 2MP (1920 x 1080)
- 2.4mm

DC-I6212WRX



- Intercom
- 1/2.8”
- 2MP (1920 x 1080)
- 1.85mm

DC-T18A4WR



- Panoramic Bullet Camera
- 1/2.8”
- 5MP (4608 x 1728)
- 2.8mm

DC-T1434WG



- Active Deterrence Bullet Camera
- 1/1.8”
- 4MP (2688 x 1520)
- 4.5 ~ 8mm

DC-D1414WEG



- Active Deterrence Turret Camera
- 1/1.8”
- 4MP (2688 x 1520)
- 2.8mm

DC-D1534WER



- IR Turret Camera
- 1/2.8”
- 5MP (2592 x 1944)
- 2.7 ~ 13.5mm

DC-D1514WER2.8



- IR Turret Camera
- 1/2.8”
- 5MP (2592 x 1944)
- 2.8mm

HD Analog Cameras

TC-D5532WRX



- DirectCX IR Dome Camera
- 1/2.8”
- 5MP (2592 x 1944)
- 3.0 ~ 13.5mm

TC-T5532WRX



- DirectCX IR Bullet Camera
- 1/2.8”
- 5MP (2592 x 1944)
- 3.0 ~ 13.5mm

TC-V5211X



- DirectCX Covert Camera
- 1/2.8”
- 2MP (1920 x 1080)
- 2.4mm

AI DOME CAMERAS

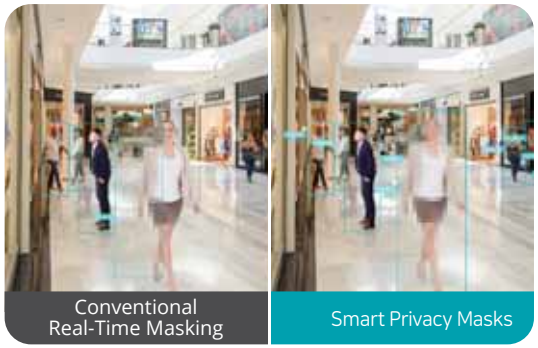
Model Name	AI MFZ, 8MP NEW DC-D6831WRA  4K 8MP NDAA Compliant · TAA Compliant IDIS LightMaster NIR	AI MFZ, 6MP NEW DC-D6631WRA  6MP NDAA Compliant · TAA Compliant IDIS LightMaster NIR
Image Sensor	1/1.8" CMOS	1/1.8" CMOS
Max. Resolution	3840 x 2160	3328 x 1872
Lens Type	Motorized Vari-focal	Motorized Vari-focal
Focal Length	f = 4.3 ~ 9.8mm	f = 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	Yes	Yes
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 **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 **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 (10/100 BASE-T)	RJ45 (10/100 BASE-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	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
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	1.1kg (2.4lb)	1.1kg (2.4lb)
Power Source	12VDC, PoE, IEEE 802.3af (Class 3)	12VDC, PoE, IEEE 802.3af (Class 3)
Power Consumption	12VDC, 1.1A, 13.2W PoE, IEEE 802.3af (Class 3), 57VDC, 12W	12VDC, 1.1A, 13.2W PoE, IEEE 802.3af (Class 3), 57VDC, 12W

IDIS Smart Privacy Masks

See Clearly. Stay Private.

IDIS Smart Privacy Masks, a patented technology, ensures privacy through AI-powered masking while maintaining crystal-clear, lag-free video for high-quality surveillance.





Model Name	AI MFZ, 5MP	
	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 ~ 13.5mm	f = 2.7 ~ 13.5mm
Aperture	F1.4 ~ F3.2	F1.4 ~ F3.2
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	120dB (True WDR)	120dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	40m / 131.2ft (6ea)	40m / 131.2ft (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 (10/100 BASE-T)	RJ45 (10/100 BASE-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	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 104.4mm (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)	12VDC, PoE, IEEE 802.3af (Class 3)
Power Consumption	12V=, 1.1A, 13.2W PoE, IEEE 802.3af (Class 3), 10W	12V=, 1A, 12W PoE, IEEE 802.3af (Class 3), 9.5W

AI DOME CAMERAS

Model Name	AI MFZ, 2MP		AI Fixed Focal, 2MP
	DC-D4238HRA	DC-D4248HRA	DC-D4218WRA2.8/4.0
	 Full HD 2MP NDAA Compliant TAA Compliant IDIS LightMaster NIR	 Full HD 2MP NDAA Compliant TAA Compliant IDIS LightMaster NIR	 Full HD 2MP NDAA Compliant TAA Compliant 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	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)	[2.8mm] 105.8° (H), 56.4° (V), 121.2° (D) [4.0mm] 87.5° (H), 44.4° (V), 104.9° (D)
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)	120dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	50m / 164 ft (6ea)	50m / 164ft (6ea)	30m / 98.4ft (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 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 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTSrec)	Yes (Up to 60MB)	Yes (Up to 60MB)	Yes (Up to 60MB)
Edge Storage	-	-	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	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 Proof Casing	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 92.9mm (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 802.3af (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), 8W

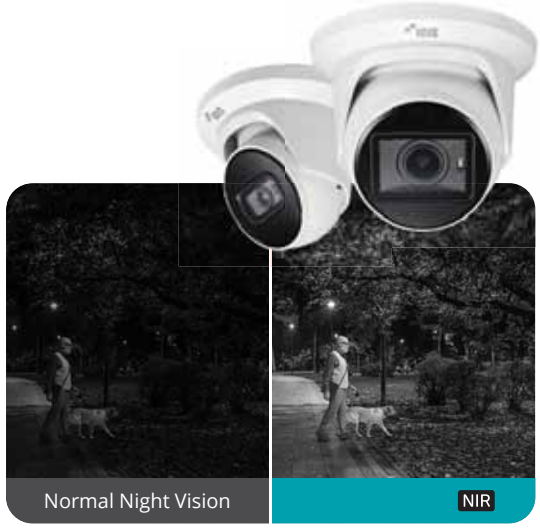
AI TURRET DOME CAMERAS

Model Name	AI MFZ, 5MP DC-D4532WERA	AI Fixed Focal, 5MP DC-D4512WERA2.8/4.3
	5MP  IDIS LightMaster NIR	5MP  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	Fixed-focal
Focal Length	f = 3.2 ~ 10.5mm	f = 2.8mm, f = 4.3mm
Aperture	F1.6 ~ F3.3	F2.0 (2.8mm), F1.6 (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	120dB (True WDR)	120dB (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 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	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.



AI BULLET CAMERAS

Model Name	AI MFZ, 8MP NEW DC-T8871WRA  4K 8MP NDAA Compliant TAA Compliant IDIS LightMaster NIR	AI MFZ, 8MP NEW DC-T6831WRA  4K 8MP NDAA Compliant TAA Compliant IDIS LightMaster NIR	AI MFZ, 6MP NEW DC-T6631WRA  6MP NDAA Compliant TAA Compliant IDIS LightMaster NIR
Image Sensor	1/1.2" CMOS	1/1.8" CMOS	1/1.8" CMOS
Max. Resolution	3840 x 2160	3840 x 2160	3328 x 1872
Lens Type	AF Zoom Lens	Motorized Vari-focal	Motorized Vari-focal
Focal Length	f = 9.9 ~ 217.09mm	f = 4.3 ~ 9.8mm	f = 4.3 ~ 9.8mm
Aperture	F1.63 ~ F4.94	F1.6 ~ F2.6	F1.6 ~ F2.6
Iris Control	P-Iris	P-Iris	P-Iris
Angular Field of View	Wide: 58.62° (H), 35.08° (V), 65.44° (D) Tele: 2.92° (H), 1.64° (V), 3.34° (D)	Wide: 110.4° (H), 57.7° (V), 133.8° (D) Tele: 45° (H), 25.2° (V), 51.8° (D)	Wide: 110.4° (H), 57.7° (V), 133.8° (D) Tele: 45° (H), 25.2° (V), 51.8° (D)
Min. Illumination	Color: 0.05 lux @ F1.63 B/W: 0 lux (IR LED ON)	Color: 0.13 lux @ F1.6 B/W: 0 lux (IR LED On)	Color: 0.13 lux @ F1.6 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)	80m / 262.5ft	60m / 196.9ft (6ea)	60m / 196.9ft (6ea)
Image Stabilizer	Yes (EIS)	Yes (EIS)	Yes (EIS)
De-fog	Yes	Yes	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 **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 **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 **ETC**: Video Motion Detection, Active Tampering Alarm
Video Out	1 CVBS	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)	30ips: 3840 x 2160 (WDR)
Ethernet	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTSrec)	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	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	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
Audio In / Out	1 / 1	1 / 1	1 / 1
Alarm In / Out	1 / 1	1 / 1	1 / 1
Vandal Proof Casing	IK10	IK10	IK10
Outdoor Ready	IP67	IP67, Heater	IP67, Heater
Operating Temperature	-40°C ~ +60°C (-40°F ~ +140°F) Max temperature: 74°C (165°F) per NEMA TS 2 (2.2.7) *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)	127.5 x 122.5 x 402mm (5.02" x 4.82" x 15.83")	89.3 x 89.3 x 311.2mm (3.52" x 3.52" x 12.25")	89.3 x 89.3 x 311.2mm (3.52" x 3.52" x 12.25")
Weight	3.95kg (8.71lb)	1.95kg (4.30lb)	1.95kg (4.30lb)
Power Source	12VDC, PoE, IEEE 802.3at (Class 4)	12VDC, PoE, IEEE 802.3af (Class 3)	12VDC, PoE, IEEE 802.3af (Class 3)
Power Consumption	12V=, 1.4A, 16.8W PoE, IEEE 802.3at (Class 4), 57VDC, 17W	12VDC, 1.1A, 13.2W PoE, IEEE 802.3af (Class 3), 57VDC, 12W	12VDC, 1.1A, 13.2W PoE, IEEE 802.3af (Class 3), 57VDC, 12W

AI BULLET CAMERAS

Model Name	AI MFZ, 5MP	AI MFZ, 2MP		AI Fixed Focal, 2MP
	DC-T4538WRA	DC-T4238HRA	DC-T4248HRA	DC-T4218WRA2.8/4.0
	 5MP IDIS LightMaster NIR	 Full HD 2MP IDIS LightMaster NIR	 Full HD 2MP IDIS LightMaster NIR	 Full HD 2MP IDIS LightMaster NIR
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	2592 x 1944	1920 x 1080	1920 x 1080	1920 x 1080
Lens Type	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal	Fixed-focal
Focal Length	f = 2.7 ~ 13.5mm	f = 2.8 ~ 12mm	f = 7 ~ 22mm	f = 2.8mm, f = 4.0mm
Aperture	F1.4 ~ F3.2	F1.4 ~ F3.1	F1.4 ~ F2.8	F1.6
Iris Control	DC Iris	DC Iris	DC Iris	Fixed Iris
Angular Field of View	[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)	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)	[2.8mm] 105.8° (H), 56.4° (V), 121.2° (D) [4.0mm] 87.5° (H), 44.4° (V), 104.9° (D)
Min. Illumination	Color: 0.13 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 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)	120dB (True WDR)	120dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	40m / 131.2ft (6ea)	50m / 164ft (6ea)	50m / 164ft (6ea)	30m / 98.4ft (4ea)
Image Stabilizer	-	-	-	-
De-fog	Yes	Yes	Yes	Yes
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	**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
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 Codec	Yes	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	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)	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 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTSrec)	Yes (Up to 60MB)	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)	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	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	1 / 1
Alarm In / Out	1 / 1	1 / 1	1 / 1	1 / 1
Vandal Proof Casing	IK10	IK10	IK10	IK10
Outdoor Ready	IP67, Heater	IP67, Heater	IP67, Heater	IP67
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°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)	-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)	89.3 x 89.3 x 277.6mm (3.52" x 3.52" x 10.93")	89.3 x 89.3 x 277.6mm (3.52" x 3.52" x 10.93")	89.3 x 89.3 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 (2.85lb)	1.293kg (2.85 lb)	0.75kg (1.65 lb)
Power Source	PoE, IEEE 802.3af (Class 3)	12VDC, PoE, IEEE 802.3af (Class 3)	12VDC, PoE, IEEE 802.3af (Class 3)	PoE, IEEE 802.3af (Class 3)
Power Consumption	12V=, 1A, 12W PoE, IEEE 802.3af (Class 3), 9.7W	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

EDGE AI PLUS PTZ CAMERA

AI Detect. Auto-Follow. Stay Assured.

EDGE AI PLUS PTZ cameras detect critical events as they happen, accurately classify objects, and automatically track real threats across the scene without interruption.





AI SPEED DOME CAMERAS

Model Name	AI AF Zoom, 8MP, 40x NEW DC-S6883WRA  4K 8MP IDIS LightMaster NIR	AI AF Zoom, 6MP, 40x NEW DC-S6683WRA  6MP IDIS LightMaster NIR	AI AF Zoom, 4MP, 36x DC-S6481HRA  4MP IDIS LightMaster NIR
Image Sensor	1/1.8" CMOS	1/1.8" CMOS	1/1.8" CMOS
Max. Resolution	3840 x 2160	3328 x 1872	2688 X 1520
Lens Type	AF Zoom Lens	AF Zoom Lens	AF Zoom Lens
Focal Length	f = 6.5 ~ 260mm	f = 6.5 ~ 260mm	f = 6.91 ~ 248.76mm
Aperture	F1.69 ~ F4.92	F1.69 ~ F4.92	F1.35 ~ F4.6
Iris Control	P-Iris	P-Iris	P-Iris
Angular Field of View	Wide: 64.6° (H), 38.4° (V), 72.2° (D) Tele: 1.79° (H), 1.00° (V), 2.08° (D)	Wide: 64.6° (H), 38.4° (V), 72.2° (D) Tele: 1.79° (H), 1.00° (V), 2.08° (D)	Wide: 61.8° (H), 36.3° (V), 70.3° (D) Tele: 2.4° (H), 1.3° (V), 2.7° (D)
Min. Illumination	Color: 0.13 lux @ F1.69 B/W: 0 lux (IR LED On)	Color: 0.13 lux @ F1.69 B/W: 0 lux (IR LED On)	Color: 0.06 lux @ F1.35 B/W: 0 lux (IR LED On)
Dynamic Range	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)
IR Distance (LEDs)	400m / 1,312.3ft (2ea)	400m / 1,312.3ft (2ea)	400m / 1,312.3ft (2ea)
Image Stabilizer	Yes (EIS)	Yes (EIS)	Yes (EIS)
De-fog	Yes	Yes	Yes
Intelligent Video	**AI Auto Tracking** **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 **ETC**: Video Motion Detection, Active Tampering Alarm	**AI Auto Tracking** **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 **ETC**: Video Motion Detection, Active Tampering Alarm	**AI Auto Tracking** **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	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	Opus, ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	RJ45 (10/100 BASE-T)	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)	30ips: 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTSrec)	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	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	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	8 / 2	8 / 2	8 / 2
Vandal Proof Casing	IK10	IK10	IK10
Outdoor Ready	IP66, NEMA4X	IP66, NEMA4X	IP66, Heater
Operating Temperature	IR LED OFF: -40°C ~ +55°C (-40°F ~ +131°F) IR LED ON: -40°C ~ +40°C (-40°F ~ +104°F) *Starting up at above -20°C (-4°F)	IR LED OFF: -40°C ~ +55°C (-40°F ~ +131°F) IR LED ON: -40°C ~ +40°C (-40°F ~ +104°F) *Starting up at above -20°C (-4°F)	-40°C ~ +60°C (-40°F ~ +140°F) Max temperature: 74°C (165°F) per NEMA TS 2 (2.2.7) *Starting Up at Above -20°C (-4°F)
Dimensions (W x H x D)	Ø242 x 401.8mm (Ø9.52" x 15.82")	Ø242 x 401.8mm (Ø9.52" x 15.82")	Ø242 x 401.8mm (Ø9.52" x 15.82")
Weight	7.46kg (16.44lb)	7.46kg (16.44lb)	7.2kg (15.87lbs)
Power Source	24VAC, PoE, IEEE 802.3bt (Class 8)	24VAC, PoE, IEEE 802.3bt (Class 8)	24VAC, PoE, IEEE 802.3bt (Class 8)
Power Consumption	HEATER, IR OFF: 24V~, 2.0A, 36.4W, 50/60Hz, PoE, IEEE 802.3bt (Class 8), 34.8W HEATER, IR ON: 24V~, 3.0A, 55.9W, 50/60Hz, PoE, IEEE 802.3bt (Class 8), 55.7W	HEATER, IR OFF: 24V~, 2.0A, 36.4W, 50/60Hz, PoE, IEEE 802.3bt (Class 8), 34.8W HEATER, IR ON: 24V~, 3.0A, 55.9W, 50/60Hz, PoE, IEEE 802.3bt (Class 8), 55.7W	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

EDGE AI FISHEYE CAMERA

Patented Technology

Industry-First AI Auto Tracking Fisheye

The IDIS 12.5MP AI Fisheye (DC-Y8D11WRA) breaks new ground as the industry's first fisheye to feature Panoramic Auto Tracking —a capability previously exclusive to PTZs.
Unlike traditional setups that require switching between multiple cameras, IDIS offers seamless, single-camera path recovery. From detection to playback, capture the entire incident history in one continuous panoramic stream.



AI FISHEYE CAMERAS

Model Name	AI Fixed Focal, 12.5MP NEW DC-Y8D11WRA  12.5MP NDAA Compliant TAA Compliant IDIS LightMaster NIR
Image Sensor	1/1.6" CMOS
Max. Resolution	3520 x 3520
Lens Type	Fixed-focal
Focal Length	f = 1.7mm
Aperture	F2.0
Iris Control	Fixed Iris
Angular Field of View	180° (H), 180° (V), 180° (D)
Min. Illumination	Color: 0.13 lux @ F2.0 B/W: 0 lux @ (IR LED On)
Dynamic Range	120dB (True WDR)
Day and Night	Yes (ICR)
IR Distance (LEDs)	Zone Adaptive IR, 20m / 65.6ft (4ea)
Image Stabilizer	-
De-fog	Yes
Viewing Composition	1O, 1P, 1P2R, 2P, 4R, 1O7R
Video Out	-
Video Compression	H.265, H.264 (MP), M-JPEG
Intelligent Video	**Panoramic Auto Tracking** **Object Metadata**: Human, Vehicle **IDLA**: Object Detection, Intrusion, Loitering, Line Crossing **ETC**: Video Motion Detection, Active Tampering Alarm
Audio Compression	Opus, ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	30ips: 3520 x 3520
Ethernet	RJ45 (10/100/1000 BASE-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, Object Detection, Intrusion, Loitering, Line Crossing
Audio In / Out	1 (Built In MIC) + 1 / 1
Alarm In / Out	1 / 1
Vandal Proof Casing	IK10
Outdoor Ready	IP67
Operating Temperature	-40°C ~ 55°C (-40°F ~ 131°F)
Dimensions (W x H x D)	Ø157.5 x 73mm (Ø6.2" x 2.87")
Weight	1.1kg (2.42lb)
Power Source	12VDC, PoE, IEEE 802.3at (Class 4)
Power Consumption	Dynamic Power Balancer 12V=, 1.9A, 22.8W PoE, IEEE 802.3at (Class 4), 24W

EDGE AI MULTI-DIRECTIONAL CAMERA

Seamless Sight, Intelligent Insight

The IDIS Multi-Imager brings one camera, four high-definition realities together in a single, distortion-free panoramic solution with built-in AI functions.
From line crossing to face and object detection, it delivers intelligent, proactive security with total situational awareness.



AI Multi-directional CAMERAS

Model Name	AI MFZ, 5MP NEW DC-U6K31WRA 5MP x 4 NDAA Compliant TAA Compliant IDIS LightMaster NIR
Image Sensor	1/2.8" CMOS
Max. Resolution	2592 x 1944
Scanning Mode	Progressive Scan
Lens Type	Motorized Vari-focal
Focal Length	f = 3.3 ~ 7.02mm
Aperture	F1.8 ~ F2.74
Iris Control	Fixed Iris
Angular Field of View	Wide: 96° (H), 69.8° (V), 127.8° (D) Tele: 42.4° (H), 31.8° (V), 53.2° (D)
Min. Illumination	Color: 0.1 lux @ F1.8 B/W: 0 lux (IR LED On)
Dynamic Range	120dB (True WDR)
Day and Night	Yes (ICR)
IR Distance (LEDs)	25m / 82ft (3ea per unit)
Image Setting	Exposure, White Balance, Self-Adjusting Video Mode (Sharpness, Contrast, Colors, Brightness Control)
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 Compression	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Supported
IP Camera Protocol	DirectIP 2.0
Max. Frame Rate	4:3 mode: 30ips: 2592 x 1944 (WDR) 16:9 mode: 30ips: 2592 x 1456 (WDR)
Multi-video Streaming	Quadruple Streaming
Security	FIPS 140-3 Level 3, Digest authentication, Password Protection, Brute force delay protection, User access log, IP Filtering, IEEE802.1x(EAP-TLS), Chained Fingerprint, SSL Encryption, HTTPS Encryption
Ethernet	RJ45 (10/100/1000 BASE-T)
Edge Storage	Micro SD/SDHC/SDXC, UHS Speed Class 3, Smart Failover (Up to 512GB)
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection
Audio In / Out	1 / 1
Vandal Proof Casing	IK10
Outdoor Ready	IP67, NEMA4X
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)
Operating Humidity	0% ~ 90%
Dimensions (W x H x D)	Ø258 x 112mm (Ø10.2" x 4.4")
Weight	2.8kg (6.2lb)
Approval	FCC, CE, KC, UL
Power Source	PoE, IEEE 802.3at (Class 4)
Power Consumption	PoE, IEEE 802.3at (Class 4), 21W

DOME CAMERAS

Model Name	MFZ, 8MP DC-D4831HRX-W	MFZ, 5MP DC-D4536HRX	MFZ, 5MP DC-D4536RX-W
	 4K 8MP NDAA Compliant TAA Compliant	 5MP NDAA Compliant TAA Compliant	 5MP NDAA Compliant TAA Compliant
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 ~ 13.5mm	f = 3.0 ~ 13.5mm	f = 3.0 ~ 13.5mm
Aperture	F1.8 ~ F3.32	F1.4 ~ F3.2	F1.4 ~ F3.2
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] 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 @ F1.8 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	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	40m / 131.2ft (6ea)	30m / 98.4ft (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] 30ips: 2592 x 1944 (WDR) [16:9 mode] 30ips: 2592 x 1456 (WDR)
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTSrec)	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, 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 104.4mm (Ø6.1" x 4.11")	Ø155 x 104.4mm (Ø6.10" x 4.09")	Ø122.4 x 103.4mm (Ø4.8" x 4.5")
Weight	1.02kg (2.25lb)	1kg (2.20lb)	0.4kg (0.88lb)
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-B	DC-D4236RX-W	DC-D4246WX
	 Full HD 2MP NDAA Compliant TAA Compliant	 Full HD 2MP NDAA Compliant TAA Compliant	 Full HD 2MP NDAA Compliant TAA Compliant
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	Motorized Vari-focal
Focal Length	f = 2.8 ~ 12mm	f = 2.8 ~ 12mm	f = 7 ~ 22mm
Aperture	F1.4 ~ F2.8	F1.4 ~ F2.8	F1.4 ~ F2.8
Iris Control	DC Iris	DC Iris	DC 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)
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°
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
Dynamic Range	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	30m / 98.4ft (6ea)	30m / 98.4ft (6ea)	-
Image Stabilizer	-	-	-
De-fog	Yes	Yes	Yes
Video Out	-	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 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: 1920 x 1080 (WDR)	30ips: 1920 x 1080 (WDR)	30ips: 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTSrec)	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, 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 Proof Casing	IK10	IK10	IK10
Outdoor Ready	IP67, Heater	IP67, Heater	IP67
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)
Dimensions (W x H x D)	Ø155 x 105mm (Ø6.1" x 4.13")	Ø122 x 103.4mm (Ø4.8" x 4.07")	Ø155 x 105mm (Ø6.1" x 4.13")
Weight	0.99kg (2.18lb)	0.37kg (0.81lb)	0.985kg (2.17lb)
Power Source	12VDC, PoE, IEEE 802.3 af (Class 3)	12VDC, PoE, IEEE 802.3 af (Class 3)	12VDC, PoE, IEEE 802.3 af (Class 3)
Power Consumption	12V=, 0.95 A, 11.4W PoE, IEEE 802.3 af (Class 3), 10.3W	12V=, 0.64 A, 7.7W PoE, IEEE 802.3 af (Class 3), 7.6W	12V=, 0.64 A, 7.7W PoE, IEEE 802.3 af (Class 3), 7.8W

DOME CAMERAS

Model Name	Fixed Focal, 8MP	Fixed Focal, 5MP	PoE Extender, Fixed Focal, 5MP
	DC-D4811WRX3.3	DC-D4516WRX2.8/4.0	DC-D4517RXP2.8-W
	 4K 8MP NDAA Compliant TAA Compliant	 5MP NDAA Compliant TAA Compliant	**IDIS** PoE Extender  5MP NDAA Compliant TAA Compliant
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 = 3.3mm	f = 2.8mm, f = 4.0mm	2.8mm
Aperture	F2.0	F2.0 (2.8mm), F2.15 (4.0mm)	F2.0
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 @ 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)	Color: 0.15 lux @ F2.0 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)	30m / 98.4ft (4ea)	30m / 98.4ft (4ea)	20m / 65.6ft (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	-
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 (10/100 BASE-T), 1 Additional RJ45 (10/100 BASE-T) for PoE Extender
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)	-
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 Proof Casing	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 92.9mm (Ø4.72" x 3.66")	Ø120.6 x 92.9mm (Ø4.72" x 3.66")	Ø110 x 88mm (Ø4.33" x 3.46")
Weight	0.48kg (1.06lb)	0.48kg (1.06lb)	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)

DOME CAMERAS

Model Name	Fixed Focal, 2MP			Micro Dome, Fixed Focal, 2MP
	DC-D4216WRX2.8	DC-D4216RX2.8/4.0	DC-D4216X2.8	DC-D4211CRX2.8-W
	 Full HD 2MP NDAA Compliant TAA Compliant	 Full HD 2MP NDAA Compliant TAA Compliant	 Full HD 2MP NDAA Compliant TAA Compliant	 Full HD 2MP NDAA Compliant TAA Compliant
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 = 2.8mm	f = 2.8mm, f = 4.0mm	f = 2.8mm	f = 2.8mm
Aperture	F2.0	F2.0 (2.8mm), F1.6 (4.0mm)	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)	[2.8mm] 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	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	30m / 98.4ft (4ea)	30m / 98.4ft (4ea)	-	15m / 49.2ft (1ea)
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	30ips: 1920 x 1080 (WDR)	30ips: 1920 x 1080 (WDR)	30ips: 1920 x 1080 (WDR)	30ips: 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTSrec)	Yes (Up to 60MB)	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, 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 92.9mm (Ø4.72" x 3.65")	Ø110 x 88mm (Ø4.33" x 3.46")	Ø110 x 88mm (Ø4.33" x 3.46")	Ø86 x 59mm (Ø3.39" x 2.32")
Weight	0.465kg (1.02lb)	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 DC-T4831HRX	MFZ, 5MP DC-T4536HRX	MFZ, 2MP DC-T4236HRX
	 4K 8MP	 5MP	 Full HD 2MP
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 ~ 13.5mm	f =3.0 ~ 13.5mm	f = 2.8 ~ 12mm
Aperture	F1.8 ~ F3.32	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)	40m / 131.2ft (6ea)	30m / 98.4ft (6ea)	30m / 98.4ft (6ea)
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	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 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTSrec)	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, 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 Proof Casing	IK10	IK10	IK 10
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)	80 x 75 x 237mm (3.15" x 2.95" x 9.33")	80 x 75 x 237mm (3.15" x 2.95" x 9.33")	Ø 77 x 244.1mm (Ø3.0" x 9.61")
Weight	1.01kg (2.22lb)	1.01kg (2.22lb)	0.84kg (1.85lb)
Power Source	12VDC, PoE, IEEE 802.3 af (Class 3)	PoE, IEEE 802.3af (Class 3)	12VDC, PoE, IEEE 802.3af (Class 3)
Power Consumption	12V=, 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	12V=, 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)





Model Name	MFZ, 2MP DC-T6224HRXL  IDIS LightMaster NIR
Image Sensor	1/2" CMOS
Max. Resolution	1920 x 1080
Lens Type	Vari-focal
Focal Length	f =12 ~ 50mm
Aperture	F1.5 ~ F1.9
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: 0.02 lux @F1.5 B/W: 0 lux (IR LED On)
Dynamic Range	120dB (True WDR)
Day and Night	Yes (ICR)
IR Distance (LEDs)	20m (License plate capture up to 80km/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	25ips: 1920 x 1080 30ips: 1920 x 1080
Ethernet	RJ45 (10/100 BASE-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 / 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 x 129.5 x 540 mm (6.56" x 5.1" x 21.26")
Weight	4.65kg (10.25lb)
Power Source	100V ~ 240VAC
Power Consumption	100 ~ 240V~, 50/60Hz, 1.0 ~ 0.5A, 50W

BULLET CAMERAS

Model Name	Fixed Focal, 8MP DC-T4811WRX3.3	Fixed Focal, 5MP DC-T4516WRX2.8/4.0/6.0	Mini Fixed Focal, 2MP DC-T4217WRX2.8/4.0/6.0
	 4K 8MP NDAA Compliant TAA Compliant	 5MP NDAA Compliant TAA Compliant	 Full HD 2MP NDAA Compliant TAA Compliant
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 = 3.3mm	f = 2.8mm , f = 4.0mm, f = 6.0mm	f = 2.8mm, f = 4.0mm, f = 6.0mm
Aperture	F2.0	F2.0 (2.8mm), F2.15 (4.0mm), F1.6 (6.0mm)	F2.0 (2.8mm), F1.6 (4.0mm), F1.6 (6.0mm)
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 (True WDR)	120dB (True WDR)	120dB (TrueWDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	30m / 98.4ft (4ea)	30m / 98.4ft (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)	30ips: 1920 x 1080
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSrec)	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)	-
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 Proof Casing	IK10	IK10	IK10
Outdoor Ready	IP67	IP67	IP66
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 x 70 x 195.8mm (2.95" x 2.75" x 7.7")	75 x 70 x 195.8mm (2.95" x 2.75" x 7.71")	70.1x 65 x 182.7mm (2.75" x 2.56" x 7.2")
Weight	0.66kg (1.46lb)	0.66kg (1.46lb)	0.340kg (0.75lb)
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	PoE Extender, Fixed Focal, 5MP DC-T4517WRXP4.3/6.2  5MP NDAA Compliant · TAA Compliant IDIS PoE Extender
Image Sensor	1/2.8" CMOS
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)	20m / 65.6ft (2ea)
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 (10/100 BASE-T), 1 Additional RJ45 (10/100 BASE-T) for PoE Extender
Recording Session Buffer (NLTSrec)	Yes (Up to 60MB)
Edge Storage	-
Trigger Event	Motion Detection, Tampering, Trip Zone
Audio In / Out	-
Alarm In / Out	-
Vandal Proof Casing	IK10
Outdoor Ready	IP66
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 x 65 x 197.5mm (2.76" x 2.56" x 7.78")
Weight	0.44kg (0.97lb)
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 CAMERA

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.





FISHEYE CAMERAS

Model Name	Fixed Focal, 12MP DC-Y6C16WRX-W	Fixed Focal, 5MP DC-Y6516WRX-W	Fixed Focal, 5MP DC-Y6516X
	 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 = 1.6mm	f = 1.5mm	f = 1.5mm
Aperture	F2.0	F1.8	F1.8
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 @ F2.0 B/W: 0 lux (IR LED On)	Color: 0.15 lux @ F1.8 B/W: 0 lux (IR LED On)	Color: 0.15 lux @ F1.8 B/W: 0.015 lux @ F1.8
Dynamic Range	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	15m / 49.2ft (4ea)	20m / 65.6ft (4ea)	-
Image Stabilizer	-	-	-
Viewing Composition	1O, 1P, 1P2R, 2P, 4R, 1O7R	1O, 1P, 1P2R, 2P, 4R, 1O7R	1O
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	30ips: 2944 x 2944 15ips: 2944 x 2944 (WDR)	30ips: 2560 x 2048 (WDR)	30ips: 2560 x 2048 (WDR)
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTSrec)	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, 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 56.9mm (Ø5.31" x 2.24")	Ø122 x 35.8mm (Ø4.80" x 1.40")
Weight	0.67 kg (1.47 lb)	0.67 kg (1.47 lb)	0.280kg (0.62lb)
Power Source	12 VDC, PoE (IEEE 802.3 af Class 3)	12VDC, 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=, 0.92A, 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 DC-S6882WR	AF Zoom, 6MP, 31x DC-S6681HRX
	 4K 8MP NDAA Compliant TAA Compliant IDIS LightMaster NIR	 6MP NDAA Compliant TAA Compliant 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 = 6.5 ~ 202mm
Aperture	F1.36 ~ F4.6	F1.55 ~ F4.8
Iris Control	P-Iris	DC Iris (Hall Sensor)
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: 63° (H), 37.6° (V), 70.3° (D) Tele: 2.4° (H), 1.3° (V), 2.7° (D)
Min. Illumination	Color: 0.13 lux @ F1.36 B/W: 0 lux (IR LED On)	Color: 0.1 lux @ F1.55 B/W: 0 lux (IR LED On)
Dynamic Range	120dB (True WDR)	120dB (True WDR)
IR Distance (LEDs)	300m / 984.3ft (2ea)	300m / 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 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 (10/100 BASE-T)	RJ45 (10/100 BASE-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, Trip Zone, System Status	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone
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 ~ +131°F) *Starting up at above -20°C (-4°F)
Dimensions (W x H x D)	Ø242.0 x 401.8mm (Ø9.52" x 15.82")	Ø242 x 401.8mm (Ø9.52" x 15.82")
Weight	7.4kg (16.31lb)	7.4 kg (16.31 lb)
Power Source	24VAC, High-PoE (75W)	24VAC, 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 ON 24VAC, 2.8A, 52.9W, 50/60Hz PoE, IEEE 802.3bt (Class 8), 53.1W	HEATER, IR LED OFF 24V~, 1.2A, 21.1W, 50/60Hz High-PoE, 50 ~ 57V, 20.3W HEATER, IR LED ON 24V~, 3.4A, 65.8W, 50/60Hz High-PoE, 50 ~ 57V, 60.0W

IDIS EIS Image Stabilizer

EIS (Electronic Image Stabilization) minimizes blur and shake using a built-in gyro sensor—perfect for PTZ zoom operations and mobile environments.

- **Sharper Footage**
  Clearer video during zoom or motion
- **Real-Time Accuracy**
  No post-processing needed—better than DIS
- **Stabilized Surveillance**
  Ideal for long-range or moving platforms



SPEED DOME CAMERAS

Model Name	AF Zoom, 2MP, 36x DC-S6286HRXL	AF Zoom, 2MP, 30x DC-S6281HX	Mini AF Zoom, 2MP, 12x DC-S6261X
	IDIS LightMaster NIR 		
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 ~ 216mm	f = 5.2 ~ 156 mm	f = 5.3 ~ 64mm
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	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)
IR Distance (LEDs)	350m / 1,148.2ft (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	30ips: 1920 x 1080 (WDR)	30ips: 1920 x 1080 (WDR)	30ips: 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTSrec)	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 ,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	IK10	IK10	-
Outdoor Ready	IP66, 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) Max temperature: 74°C (165°F) per NEMA TS 2 (2.2.7) *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 x 401.8mm (Ø9.52" x 15.82")	Ø200 x 201mm (Ø7.88" x 7.91")	Ø155 x 158.1 mm (Ø6.1" x 6.22")
Weight	6.7kg (14.77lb)	2.54kg (5.60lb)	1.0 kg (2.20 lb)
Power Source	24VAC, PoE (75W)	24VAC, PoE, IEEE 802.3at (Class 4)	12VDC, PoE, IEEE 802.3af (Class 3)
Power Consumption	HEATER / IR OFF 24 V~, 1.6A, 26.2W, 50/60Hz High-PoE, 50 ~ 57 V, 23.6W HEATER / IR ON 24 V~, 2.3A, 39.6W, 50/60Hz High-PoE, 50 ~ 57 V, 35.6W	HEATER OFF 24V~, 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

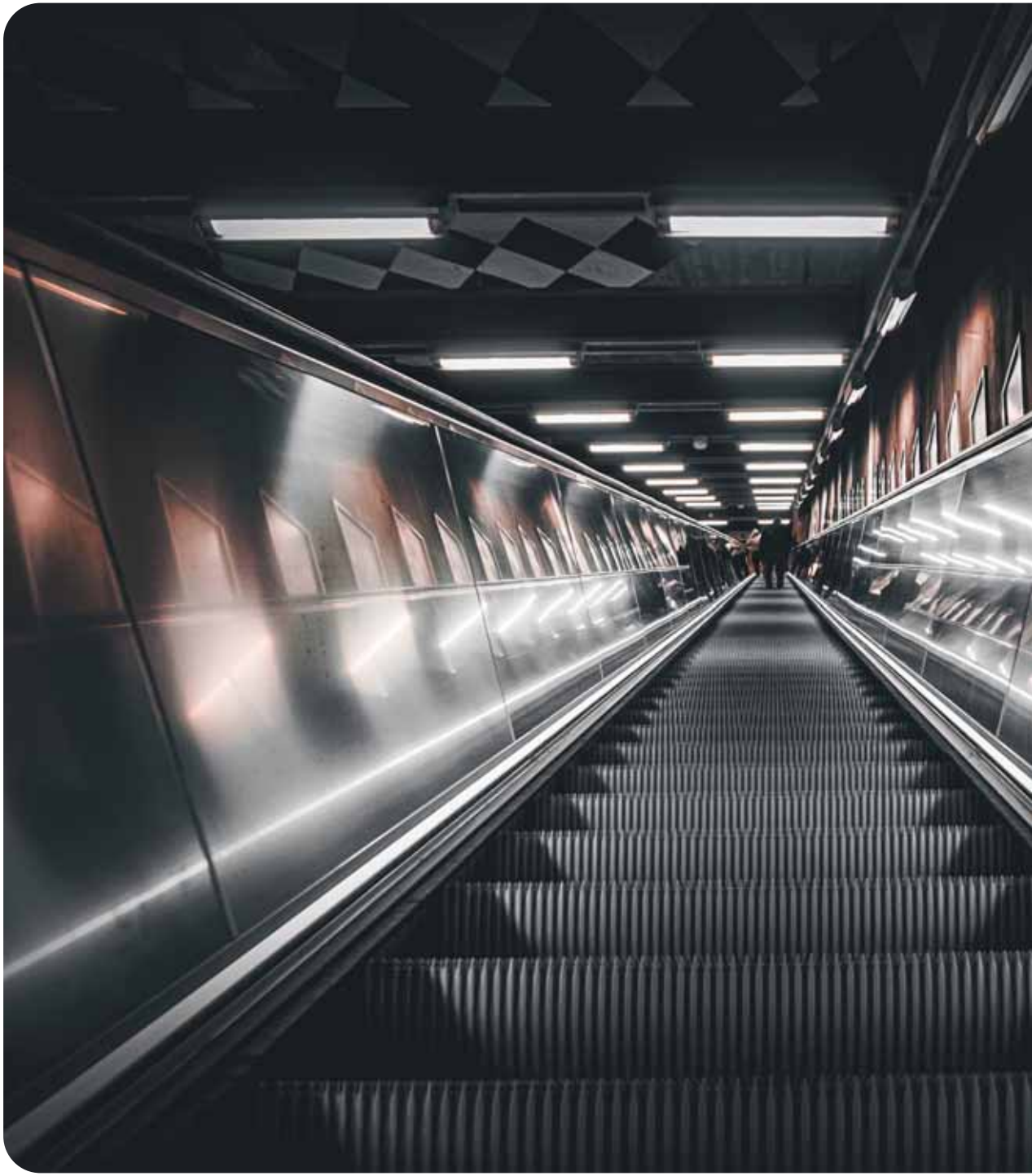
IDIS
BOX CAMERA

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

Model Name	5MP	2MP
	DC-B4501X	DC-B6206XL
	5MP  IDIS LightMaster NIR	Full HD 2MP  IDIS LightMaster NIR
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: 0.15 lux @F1.6 B/W: 0.015 lux @F1.6	Color: 0.02 lux @F1.5 B/W: 0.002 lux @F1.5
Dynamic Range	120dB (True WDR)	120dB (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: 30ips: 2592 x 1944 (WDR) 16:9 mode: 30ips: 2592 x 1456 (WDR)	30ips : 1920 x 1080 (WDR)
Supported Resolution	4:3 mode: 2592 x 1944, 1920 x 1440, 1280 x 960, 640 x 480 16:9 mode: 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 60MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)
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 x 63.5 x 150.1mm (3.07" x 2.5" x 5.91")	78 x 63.5 x 142.5mm (3.07" x 2.5" x 5.61")
Weight	0.3kg (0.661lb)	0.4kg (0.89lb)
Power Source	12VDC, PoE, IEEE 802.3af (Class 2)	12VDC, PoE, IEEE 802.3af (Class 2)
Power Consumption	12V=, 0.5A, 6W PoE, IEEE 802.3 af (Class 2), 5.6W	12V=, 0.43A, 5.16W PoE, IEEE 802.3 af (Class 2), 5W
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
	 Full HD 2MP NDAA Compliant TAA Compliant	 Full HD 2MP NDAA Compliant TAA Compliant
Image Sensor	1/2.8" CMOS Sensor	1/2.8" CMOS Sensor
Max. Resolution	1920 x 1080	1920 x 1080
Scanning Mode	Progressive Scan	Progressive Scan
Lens Type	Fixed-focal	Fixed-focal
Focal Length	f = 4.3mm	f = 2.4mm
Aperture	F2.0	F2.0
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 70dB	More than 70dB
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	30ips: 1920 x 1080 (WDR)	30ips: 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-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, 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	Input 1ea / Output 1ea	Input 1ea / 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 x 36.5 x 132.7mm (6.02" x 1.44" x 5.22")	153 x 36.5 x 132.7mm (6.02" x 1.44" x 5.22")
Dimensions (W x H x D) - Camera Module	[Main Unit] 153 x 36.5 x 132.7mm (6.02" x 1.44" x 5.22") [Camera Unit] 37 x 37 x 26.3mm (1.46" x 1.46" x 1.04") - Body Only 58 x 45 x 55.3mm (2.28" x 1.77" x 2.18") - With Bracket	[Main Unit] 153 x 36.5 x 132.7mm (6.02" x 1.44" x 5.22") [Camera Unit] 37 x 37 x 26.3mm (1.46" x 1.46" x 1.04") - Body Only 58 x 45 x 55.3mm (2.28" x 1.77" x 2.18") - With Bracket
Weight	[Main Unit] 0.47kg (1.04lb) [Camera Unit] 0.06kg (0.13lb)	[Main Unit] 0.47kg (1.04lb) [Camera Unit] 0.06kg (0.13lb)
Power Source	12VDC, PoE, IEEE 802.3 at (Class 4)	12VDC, PoE, IEEE 802.3 at (Class 4)
Power Consumption	12V=, 0.42A, 5.04W PoE, IEEE 802.3 at (Class 4), 6.3W	12V=, 0.42A, 5.04W PoE, IEEE 802.3 at (Class 4), 6.3W

IDIS Modular Camera

Modular IP camera designed for discreet surveillance—ideal for ATMs, kiosks, and luxury retail counters. Installs inside fixtures, ceilings, or walls with a small, flexible form factor.

- Ultra-compact lens with 2MP clarity
- Modular body for flexible positioning
- Multiple focal lengths for tailored views
- Perfect for hidden and low-profile security
- Works seamlessly with IDIS VMS and mobile app



IDIS
VIDEO INTERCOM

Beyond the Front Door: A Critical Edge in Your Security Network

- **Built for Surveillance**
  Seamlessly integrates with IDIS Solution Suite (ISS), IDIS Center, and the IDIS Mobile App
- **Unified Communication**
  Supports SIP (VoIP) and PBX—enabling direct calls to personnel
- **Smart Access Control**
  Opens doors and unlocks locks via system integration
- **Focused Coverage**
  Optimized for close-range facial ID at entry points

IDIS Mobile +





INTERCOM CAMERAS

Model Name	Video Intercom, 2MP DC-I6212WRX
	
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 (True WDR)
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 (10/100 BASE-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)	52 x 165 x 46mm (2.05" x 6.50" x 1.81")
Weight	0.52kg (1.15lb)
Power Source	DC12V, 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

Model Name	8MP	4MP
	DC-T18A4WR	DC-T1434WG
		
Image Sensor	Dual 1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	4608 x 1728	2688 x 1520
Scanning Mode	Progressive Scan	Progressive scan
Lens Type	Fixed-focal lens, Dual lens: 2.8mm	Motorized focus
Focal Length	2.8mm	4.5 ~ 8mm
Aperture	F1.6	F1.0
Iris Control	Fixed Iris	P-Iris
Angular Field of View	180°(H), 63° (V)	4.5 ~ 8mm, 101° ~ 57.5°(H), 52.7°~ 32° 8 ~ 32mm (V), 39.7° ~ 16° (H), 22.6° ~ 9.2° (V)
Pan / Tilt / Rotate	Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotate: 0° ~ 360°	Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotate: 0° ~ 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 x 1728) @15fps	Max. 4MP (2688 x 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 (NLTSrec)	-	-
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 ~ 60°C (-22°F ~ 140°F)	-40°C ~ 55°C (-40°F ~ 131°F)
Operating Humidity	Less than 90%RH	Less than 90%RH
Power Source	DC12V (-15% ~ +20%), PoE (IEEE 802.3af)	DC12V (-15% ~ +25%), PoE (802.3af)
Power Consumption	Max 11.5W	Max. 11W
Dimensions	227.7 x 110 x 80mm (8.96" x 4.33" x 3.15")	303 x 100 x 107mm (11.9" x 3.94" x 4.21")
Weight	0.82kg (1.81lb)	1.25kg (2.76lb)

DOME CAMERAS

Model Name	4MP DC-D1414WEG	5MP DC-D1534WER	5MP 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	2688 x 1520	2592 x 1944	2592 x 1944
Scanning Mode	Progressive Scan	Progressive Scan	Progressive Scan
Lens Type	Fixed focal	Varifocal lens, Motorized focal	Fixed lens
Focal Length	2.8mm	2.7 ~ 13.5mm	2.8mm
Aperture	F1.0	F1.6	F2.0, F1.6
Iris Control	Fixed Iris	Fixed Iris	Fixed Iris
Angular Field of View	112.4° (H), 61.2° (V)	98.3° ~ 27.5° (H), 71.3° ~ 20.3° (V)	93.9° (H), 68.7° (V)
Pan / Tilt / Rotate	Pan: 0° ~ 355°, Tilt: 0° ~ 80°, Rotate: 0° ~ 360°	Pan: 0° ~ 355°, Tilt: 0° ~ 80°, Rotate: 0° ~ 360°	Pan: 0° ~ 355°, Tilt: 0° ~ 80°, Rotate: 0° ~ 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 40m (131.2ft)	3 (IR LED), Up to 30m (98.4ft)
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 x 1520) @25/30fps resolution	5MP (2592 x 1944) @30fps	5MP (2592 x 1944) @30fps
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 ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
Operating Humidity	Less than 90%RH	Less than 90%RH	Less than 90%RH
Power Source	12VDC (-15% ~ +25%), PoE (802.3af)	12VDC (-10% ~ +25%), PoE (802.3af)	12VDC (-10% ~ +25%), PoE (802.3af)
Power Consumption	Max. 9.5W	Max 6.5W	Max 6W
Dimensions	Ø140 x 119.2mm (Ø5.51" x 4.69")	Ø140 x 119.2mm (Ø5.51" x 4.69")	Ø118.2 x 93.9mm (Ø4.65" x 3.7")
Weight	0.9 kg (1.98lb)	0.9kg (1.98lb)	0.55kg (1.21lb)



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	 5MP
Image Sensor	1080p (2.1MP) CMOS Progressive Sensor	5MP CMOS Progressive Sensor
Max. Resolution	2MP	5MP
	1920 x 1080	2592 x 1944
Lens Type	P-Iris Lens	P-Iris Lens
Focal Length	f = 2.7 ~ 13.5mm	f = 2.7 ~ 13.5mm
Aperture	F1.4	F1.4
Iris Control	Auto / Manual	Auto / Manual
Angular Field of View	28° ~ 100° (H), 16° ~ 54° (V)	27° ~ 79° (H), 20° ~ 58° (V)
Pan / Tilt Range	Adjustable 3-Axis Gimbal with Corridor Mode	Adjustable 3-Axis Gimbal with Corridor Mode
Min. Illumination	Color: 0.04 lux, B/W: 0.005 lux	Color: 0.15 lux, B/W: 0.01 lux
Dynamic Range	WDR 120dB DOL	WDR 120dB DOL
Day and Night	Auto / Manual	Auto / 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	10/100 Base-T Ethernet network interface, RJ45	10/100 Base-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	IK10	IK10
Outdoor Ready	IP66	IP66
Operating Temperature	-20°C ~ +50°C (-4°F ~ 122°F)	-40°C ~ +50°C (-40°F ~ 122°F)
Dimensions (W x H x D)	[Unit] Ø141 x 104mm (Ø5.55" x 4.09") [Packaged] 150 x 170 x 185mm (5.9" x 6.7" x 7.28")	[Unit] Ø141 x 104mm (Ø5.55" x 4.09") [Packaged] 150 x 170 x 185mm (5.9" x 6.7" x 7.28")
Weight	[Unit] 0.95kg (2.09lbs) [Packaged] 0.98kg (2.16lbs)	[Unit] 0.95kg (2.09lbs) [Packaged] 0.98kg (2.16lbs)
Power Source	PoE / 12VDC	PoE / 12VDC
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	2MP	5MP	5MP
	1920 x 1080	1920 x 1080	2592 x 1944	2592 x 1944
Lens Type	MFZ Lens	Fixed-focal	MFZ Lens	Fixed-focal
Focal Length	f = 2.7 ~ 13.5mm	f = 3.6mm	f = 2.7 ~ 13.5mm	f = 3.6mm
Aperture	F1.4	F2.0	F1.4	F2.0
Iris Control	Auto / Manual	Auto / Manual	Auto / Manual	Auto / Manual
Angular Field of View	28° ~ 100° (H), 16° ~ 54° (V)	84° (H), 45° (V)	27° ~ 79° (H), 20° ~ 58° (V)	77° (H), 56° (V)
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	Color: 0.04 lux, B/W: 0.005 lux	Color: 0.04 lux, B/W: 0.005 lux	Color: 0.15 lux, B/W: 0.01 lux	Color: 0.15 lux, B/W: 0.01 lux
Dynamic Range	WDR 120dB	WDR 120dB	WDR 120dB	WDR 120dB
Day and Night	Auto / Manual	Auto / Manual	Auto / Manual	Auto / 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	10/100 Base-T Ethernet network interface, RJ45	10/100 Base-T Ethernet network interface, RJ45	10/100 Base-T Ethernet network interface, RJ45	10/100 Base-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 ~ +50°C (-4°F ~ 122°F)	-10°C ~ +50°C (-4°F ~ 122°F)	-10°C ~ +50°C (-4°F ~ 122°F)	-10°C ~ +50°C (-4°F ~ 122°F)
Dimensions (W x H x D)	[Unit] Ø114.8 x 92.6mm (Ø4.52" x 3.65") [Packaged] 155 x 165 x 152mm (6.1" x 6.5" x 6.0")	[Unit] Ø114.8 x 92.6mm (Ø4.52" x 3.65") [Packaged] 155 x 165 x 152mm (6.1" x 6.5" x 6.0")	[Unit] Ø114.8 x 92.6mm (Ø4.52" x 3.65") [Packaged] 155 x 165 x 152mm (6.1" x 6.5" x 6.0")	[Unit] Ø114.8 x 92.6mm (Ø4.52" x 3.65") [Packaged] 155 x 165 x 152mm (6.1" x 6.5" x 6.0")
Weight	[Unit] 0.35kg (0.79lbs) [Packaged] 0.55kg (1.21lbs)	[Unit] 0.35kg (0.79lbs) [Packaged] 0.55kg (1.21lbs)	[Unit] 0.35kg (0.79lbs) [Packaged] 0.55kg (1.21lbs)	[Unit] 0.35kg (0.79lbs) [Packaged] 0.55kg (1.21lbs)
Power Source	PoE / 12VDC	PoE	PoE / 12VDC	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	 5MP	 4K 8MP
Image Sensor	1080p (2.1MP) CMOS Progressive Sensor	5MP CMOS Progressive Sensor	8MP CMOS Progressive Sensor
Max. Resolution	2MP	5MP	8MP
	1920 x 1080	2592 x 1944	3840 x 2160
Lens Type	Fixed-focal	Fixed-focal	Fixed-focal
Focal Length	f = 2.8mm	f = 2.8mm	f = 2.8mm
Aperture	F1.6	F1.6	F1.6
Iris Control	Auto / Manual	Auto / Manual	Auto / Manual
Angular Field of View	106.7° (H)	98° (H)	106.7° (H)
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	Color: 0.04 lux, B/W: 0.004 lux	Color: 0.15 lux, B/W: 0.015 lux	Color: 0.18 lux, B/W: 0.018 lux
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	10/100 Base-T Ethernet network interface, RJ45	10/100 Base-T Ethernet network interface, RJ45	10/10 Base-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	IK10	IK10	IK10
Outdoor Ready	IP66	IP66	IP66
Operating Temperature	-20°C ~ +50°C (-4°F ~ 122°F)	-20°C ~ +50°C (-4°F ~ 122°F)	-20°C ~ +50°C (-4°F ~ 122°F)
Dimensions (W x H x D)	[Unit] Ø100 x 78.5mm (Ø4" x 3.1") [Packaged] 142 x 142 x 90mm (5.6" x 5.6" x 3.5")	[Unit] Ø100 x 78.5mm (Ø4" x 3.1") [Packaged] 142 x 142 x 90mm (5.6" x 5.6" x 3.5")	[Unit] Ø100 x 78.5mm (Ø4" x 3.1") [Packaged] 142 x 142 x 90mm (5.6" x 5.6" x 3.5")
Weight	[Unit] 0.95lbs (0.43kg) [Packaged] 1.3lbs (0.6kg)	[Unit] 0.95lbs (0.43kg) [Packaged] 1.3lbs (0.6kg)	[Unit] 0.95lbs (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	5MP	8MP
	1920 x 1080	2592 x 1944	3840 x 2160
Lens Type	Fixed-focal	Fixed-focal	Fixed-focal
Focal Length	f = 2.8mm	f = 2.8mm	f = 2.8mm
Aperture	F1.6	F1.6	F1.6
Iris Control	Auto / Manual	Auto / Manual	Auto / Manual
Angular Field of View	106.7° (H)	H = 98° (H)	106.7° (H)
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	Color: 0.04 lux, B/W: 0.004 lux	Color: 0.15 lux, B/W: 0.015 lux	Color: 0.18 lux, B/W: 0.018 lux
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	10/100 Base-T Ethernet network interface, RJ45	10/100 Base-T Ethernet network interface, RJ45	10/100 Base-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	IK10	IK10	IK10
Outdoor Ready	NA	NA	NA
Operating Temperature	-5°C ~ +50°C (23°F ~ 122°F)	-5°C ~ +50°C (23°F ~ 122°F)	-5°C ~ +50°C (23°F ~ 122°F)
Dimensions (W x H x D)	[Unit] Ø100 x 78.5mm (Ø4" x 3.1") [Packaged] 142 x 142 x 90mm (5.6" x 5.6" x 3.5")	[Unit] Ø100 x 78.5mm (Ø4" x 3.1") [Packaged] 142 x 142 x 90mm (5.6" x 5.6" x 3.5")	[Unit] Ø100 x 78.5mm (Ø4" x 3.1") [Packaged] 142 x 142 x 90mm (5.6" x 5.6" x 3.5")
Weight	[Unit] 0.95lbs (0.43kg) [Packaged] 1.3lbs (0.6kg)	[Unit] 0.95lbs (0.43kg) [Packaged] 1.3lbs (0.6kg)	[Unit] 0.95lbs (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 IK10/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
	 Full HD 2MP x 2	 5MP x 2	 4K 8MP x 2
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	10MP	16MP
	(1920 x 1080) x 2	(2592 x 1944) x 2	(3840 x 2160) x 2
Lens Type	Fixed-focal	Fixed-focal	Fixed-focal
Focal Length	f = 2.8mm	f = 2.8mm	f = 2.8mm
Aperture	F1.6	F1.6	F1.6
Iris Control	Auto / Manual	Auto / Manual	Auto / Manual
Angular Field of View	106.7° (H)	98° (H)	106.7° (H)
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	Color: 0.04 lux, B/W: 0.004 lux	Color: 0.15 lux, B/W: 0.015 lux	Color: 0.18 lux, B/W: 0.018 lux
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	10/100 Base-T Ethernet network interface, RJ45	10/100 Base-T Ethernet network interface, RJ45	10/100 Base-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	IK10	IK10	IK10
Outdoor Ready	IP66	IP66	IP66
Operating Temperature	-40°C ~ +50°C (-40°F ~ 122°F)	-40°C ~ +50°C (-40°F ~ 122°F)	-40°C ~ +50°C (-40°F ~ 122°F)
Dimensions (W x H x D)	[Unit] 71.9 x 103 x 163mm (2.83" x 4.06" x 6.42") [Packaged] 95 x 120 x 180mm) (3.74" x 4.72" x 7.09")	[Unit] 71.9 x 103 x 163mm (2.83" x 4.06" x 6.42") [Packaged] 95 x 120 x 180mm) (3.74" x 4.72" x 7.09")	[Unit] 71.9 x 103 x 163mm (2.83" x 4.06" x 6.42") [Packaged] 95 x 120 x 180mm) (3.74" x 4.72" x 7.09")
Weight	[Unit] 1.0kg (2.2lbs) [Packaged] 1.2kg (2.6lbs)	[Unit] 1.0kg (2.2lbs) [Packaged] 1.2kg (2.6lbs)	[Unit] 1.0kg (2.2lbs) [Packaged] 1.2kg (2.6lbs)
Power Source	PoE, 12 ~ 48VDC, 24VAC	PoE, 12 ~ 48VDC, 24VAC	PoE, 12 ~ 48VDC, 24VAC
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



360º with No Blind Spots

Contera IP Fisheye Megapixel Camera

This camera is ideal for eliminating multiple cameras in smaller spaces with its full 360º 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 180º panoramic views, and multiple VMS Integrations.

FISHEYE CAMERAS

Model Name	Fisheye AV12CFE-250
	12MP 
Image Sensor	12MP CMOS Progressive Sensor
Max. Resolution	12MP
	2992 x 2992
Lens Type	Fixed-focal
Focal Length	f = 1.97mm
Aperture	F1.6
Iris Control	Auto / Manual
Angular Field of View	NA
Pan / Tilt Range	NA
Min. Illumination	Color: 0.3 lux, B/W: 0.09 lux
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	10/100 Base-T Ethernet network interface, RJ45
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	IK10
Outdoor Ready	IP66
Operating Temperature	-40°C ~ +55°C (-40°F ~ 131°F)
Dimensions (W x H x D)	[Unit] Ø130.5 x 57mm (Ø5.14" x 2.24") [Packaged] 143 x 156 x 156mm (5.63" x 6.14" x 6.14")
Weight	[Unit] 0.657kg (1.45lbs) [Packaged] 0.87kg (1.92lbs)
Power Source	PoE / 12VDC
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
	 5MP x 4 NDAA Compliant TAA Compliant	 5MP x 4 NDAA Compliant TAA Compliant	 5MP x 4 NDAA Compliant TAA Compliant
Image Sensor	5MP CMOS Progressive Sensor x 4	5MP CMOS Progressive Sensor x 4	5MP CMOS Progressive Sensor x 4
Max. Resolution	20MP (2592 x 1944) x 4	20MP (2592 x 1944) x 4	20MP (2592 x 1944) x 4
Lens Type	Motorized Lens	Motorized Lens	Motorized Lens
Focal Length	f = 3.6 ~ 6.6mm	f = 3.6 ~ 6.6mm	f = 2.7 ~ 13.5mm
Aperture	F1.6	F1.6	F1.6
Iris Control	Auto / Manual	Auto / Manual	Auto / Manual
Angular Field of View	42° ~ 96° (H)	42° ~ 96° (H)	30° ~ 101° (H)
Pan / Tilt Range	2 Axis Motorized	2 Axis Motorized	2 Axis Motorized
Min. Illumination	Color: 0.15 lux, B/W: 0.015 lux	Color: 0.15 lux, B/W: 0.015 lux	Color: 0.15 lux, B/W: 0.015 lux
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	10/100 Base-T Ethernet network interface, RJ45	10/100 Base-T Ethernet network interface, RJ45	10/100 Base-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	IK10	IK10	IK10
Outdoor Ready	IP66	IP66	IP66
Operating Temperature	-40°C ~ +50°C (-40°F ~ 122°F)	-40°C ~ +50°C (-40°F ~ 122°F)	-40°C ~ +50°C (-40°F ~ 122°F)
Dimensions (W x H x D)	[Unit] Ø223.4 x 125.4mm (Ø8.8" x 4.9") [Bubble Only) Ø183.3 x 59.3mm (Ø7.2" x 2.3") [Packaged) 281 x 281 x 188mm (11.1" x 11.1" x 7.4")	[Unit] Ø223.4 x 125.4mm (Ø8.8" x 4.9") [Bubble Only) Ø183.3 x 59.3mm (Ø7.2" x 2.3") [Packaged) 281 x 281 x 188mm (11.1" x 11.1" x 7.4")	[Unit] Ø247 x 202mm (9.72" x 7.95") [Bubble Only] Ø214.3 x 76.3mm (Ø8.44" x 3") [Packaged) 725 x 370 x 330mm (28.54" x 14.57" x 12.99")
Weight	[Unit] 2.36kg (5.2lbs) [Packaged] 2.68kg (5.9lbs)	[Unit] 2.36kg (5.2lbs) [Packaged] 2.68kg (5.9lbs)	[Unit] 3.43kg (7.55lbs) [Packaged] 4.58kg (10.09lbs)
Power Source	PoE+ / 24 ~ 48VDC / 24VAC	PoE+ / 24 ~ 48VDC / 24VAC	PoE++ / 24VDC / 24VAC
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
	 5MP x 4	 4K 8MP x 4	 4K 8MP x 4
Image Sensor	5MP CMOS Progressive Sensor x 4	8MP CMOS Progressive Sensor x 4	8MP CMOS Progressive Sensor x 4
Max. Resolution	20MP	32MP	32MP
	(2592 x 1944) x 4	(3840 x 2160) x 4	(3840 x 2160) x 4
Lens Type	Motorized Lens	Motorized Lens	Motorized Lens
Focal Length	f = 2.7 ~ 13.5mm	f = 4 ~ 10mm	f = 4 ~ 10mm
Aperture	F1.6	F1.6	F1.6
Iris Control	Auto / Manual	Auto / Manual	Auto / Manual
Angular Field of View	30° ~ 101° (H)	45° ~ 110° (H)	45° ~ 110° (H)
Pan / Tilt Range	2 Axis Motorized	2 Axis Motorized	2 Axis Motorized
Min. Illumination	Color: 0.15 lux, B/W: 0.015 lux	Color: 0.15 lux, B/W: 0.015 lux	Color: 0.15 lux, B/W: 0.015 lux
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	10/100 Base-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	IK10	IK10	IK10
Outdoor Ready	IP66	IP66	IP66
Operating Temperature	-40°C ~ +50°C (-40°F ~ 122°F)	-40°C ~ +50°C (-40°F ~ 122°F)	-40°C ~ +50°C (-40°F ~ 122°F)
Dimensions (W x H x D)	[Unit] Ø247 x 202mm (9.72" x 7.95") [Bubble Only] Ø214.3 x 76.3mm (Ø8.44" x 3") [Packaged] 725 x 370 x 330mm (28.54" x 14.57" x 12.99")	[Unit] Ø247 x 202mm (9.72" x 7.95") [Bubble Only] Ø214.3 x 76.3mm (Ø8.44" x 3") [Packaged] 725 x 370 x 330mm (28.54" x 14.57" x 12.99")	[Unit] Ø247 x 202mm (9.72" x 7.95") [Bubble Only] Ø214.3 x 76.3mm (Ø8.44" x 3") [Packaged] 725 x 370 x 330mm (28.54" x 14.57" x 12.99")
Weight	[Unit] 3.43kg (7.55lbs) [Packaged] 4.58kg (10.09lbs)	[Unit] 3.43kg (7.55lbs) [Packaged] 4.58kg (10.09lbs)	[Unit] 3.43kg (7.55lbs) [Packaged] 4.58kg (10.09lbs)
Power Source	PoE++ / 24VDC / 24VAC	PoE++ / 24VDC / 24VAC	PoE++ / 24VDC / 24VAC
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
	 Full HD 2MP x 4 NDAA Compliant TAA Compliant	 5MP x 4 NDAA Compliant TAA Compliant
Image Sensor	2MP CMOS Progressive Sensor x 4	5MP CMOS Progressive Sensor x 4
Max. Resolution	8MP	20MP
	(1920 x 1080) x 4	(2592 x 1944) x 4
Lens Type	Fixed-focal	Fixed-focal
Focal Length	f = 2.8mm	f = 2.8mm
Aperture	F1.6	F1.6
Iris Control	Auto / Manual	Auto / Manual
Angular Field of View	98° (H)	98° (H)
Pan / Tilt Range	3 -Axis Adjustable	3 -Axis Adjustable
Min. Illumination	Color: 0.15 lux, B/W: 0.015 lux	Color: 0.15 lux, B/W: 0.015 lux
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	G.711 PCM 8 kHz/8 bit
Max. Frame Rate	30fps	15fps
Ethernet	10/100 Base-T Ethernet network interface, RJ45	10/100 Base-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	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	IK10	IK10
Outdoor Ready	IP66	IP66
Operating Temperature	-40°C ~ +50°C (-40°F ~ 122°F)	-40°C ~ +50°C (-40°F ~ 122°F)
Dimensions (W x H x D)	[Unit] Ø196 x 78.5mm (Ø7.7" x 3.1") [Bubble Only] Ø169.2 x 33.4mm (Ø6.7" x 1.3") [Packaged] 203 x 203 x 102mm (8" x 8" x 4")	[Unit] Ø196 x 78.5mm (Ø7.7" x 3.1") [Bubble Only] Ø169.2 x 33.4mm (Ø6.7" x 1.3") [Packaged] 203 x 203 x 102mm (8" x 8" x 4")
Weight	[Unit] 1.7kg (3.8lbs) [Packaged] 2.0kg (4.4lbs)	[Unit] 1.7kg (3.8lbs) [Packaged] 2.0kg (4.4lbs)
Power Source	PoE+ / 12 ~ 48VDC / 24VAC	PoE+ / 12 ~ 48VDC / 24VAC
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

Make Your Surveillance Future Proof

Providing quality products 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





Why IDIS NVRs Lead The Way

DirectIP's unparalleled network throughput delivers stable UHD quality video transmission enabling high-performance real-time monitoring and recording from multiple megapixel cameras direct to NVRs without any degradation of image quality. Users also benefit from advanced NVR features such as smart search and event management functionality.


IDIS

DR-8000 SERIES

Model Name	DirectIP 8500 Series H.265 4K Recorder	
	DR-8564D	DR-8532D
		
VIDEO		
Video Inputs	64 IP Channels	32 IP Channels
Max. Incoming Throughput	540 Mbps	370Mbps
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF	DirectIP, AXIS, PANASONIC, ONVIF
Video Outputs	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
Display Speed	Up to 1080ips	Up to 960ips
RECORDING		
Max. Throughput	400Mbps, 1920ips@UHD	230Mbps, 960ips@UHD
Recording Resolution	Up to 12MP (Depending on IP Camera)	Up to 12MP (Depending on IP Camera)
Video Compression	H.265, H.264	H.265, H.264
Recording Mode	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
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)
STORAGE		
HDD	SATA x8, RAID 1, 5, 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
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
Transmission Speed	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)
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)
Alarm Reset In	Yes	Yes
Serial Interface	RS232 (Terminal Block), RS485 (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
GENERAL		
Operating System	Embedded Linux	Embedded Linux
Dimensions (W x H x D)	482.6 x 88 x 529.5mm (19" x 3.5" x 20.8")	482.6 x 88 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)
Power Input	100 ~ 240V~, 50/60Hz, 8.0 ~ 4.0A	100 ~ 240V~, 50/60Hz, 8.0 ~ 4.0A
Power Consumption	100 ~ 240V~, 50/60Hz, 8.0 ~ 4.0A, 145W x2	100 ~ 240V~, 50/60Hz, 8.0 ~ 4.0A, 100W x 2
Approvals	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	HDM : 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	230Mbps, 960ips@UHD	180Mbps, 480ips@UHD	140Mbps, 240ips@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
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	8ch 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)	430 x 88 x 420mm (16.9" x 3.5" x 16.5")	430 x 88 x 412.8 mm (16.9" x 3.5" x 16.25")	430 x 88 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	100 ~ 240V~, 50/60Hz, 3.0 ~ 1.5A
Power Consumption	100 ~ 240V~, 50/60Hz, 4.0 ~ 2.0A, 360W	100 ~ 240V~, 50/60Hz, 4.0 ~ 2.0A, 360W	100 ~ 240V~, 50/60Hz, 3.0 ~ 1.5A, 250W
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 480ips	Up to 240ips	Up to 120ips
RECORDING			
Max. Throughput	180Mbps, 480ips@UHD	140Mbps, 240ips@UHD	70Mbps, 120ips@UHD
Recording Resolution	Up to 12MP (Depending on IP Camera)	Up to 12MP (Depending on IP Camera)	Up to 12MP (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) x 8 + Gigabit Ethernet (Ext) x1	Fast Ethernet (IP Camera) x 4
Transmission Speed	50Mbps / 100Mbps (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 x 62 x 231mm (11.8" x 2.4" x 9.1")	300 x 62 x 231mm (11.8" x 2.4" x 9.1")	300 x 62 x 231mm (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 ~ 240VAC, 50/60Hz, 1.5A, Output: 12VDC, 5A) PSE Adaptor (Input: 100 ~ 240VAC, 50/60Hz, 2.5A, Output: 54VDC, 2.33A)	NVR Adaptor (Input: 100 ~ 240VAC, 50/60Hz, 1.5A, Output: 12VDC, 5A) PSE Adaptor (Input: 100 ~ 240VAC, 50/60Hz, 2.5A, Output: 54VDC, 2.33A)	NVR Adaptor (Input: 100 ~ 240VAC, 50/60Hz, 1.5A, Output: 12VDC, 5A) PSE Adaptor (Input: 100 ~ 240VAC, 50/60Hz, 1.2A, Output: 48VDC, 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	40Mbps, 240ips@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	4ch Full HD Synchronous Playback	4ch 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) x 8	Fast Ethernet (IP Camera) x 4
Transmission Speed	20Mbps	20Mbps
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)	205 x 44.5 x 216.4mm (8.07" x 1.75" x 8.52")	205 x 44.5x 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	54 ~ 56V=, 1.28 ~ 1.24A, 69W MAX	48V=, 0.9A, 43W MAX
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

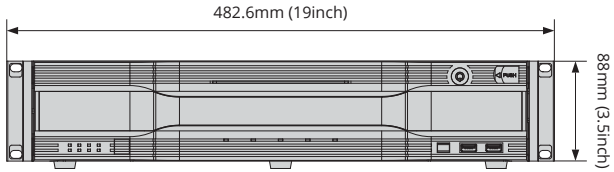
IDIS Ready to Install VMS Workstation
NDAA-Compliant

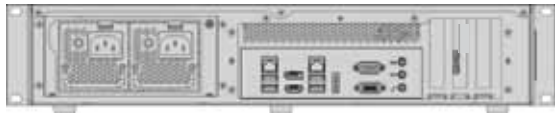


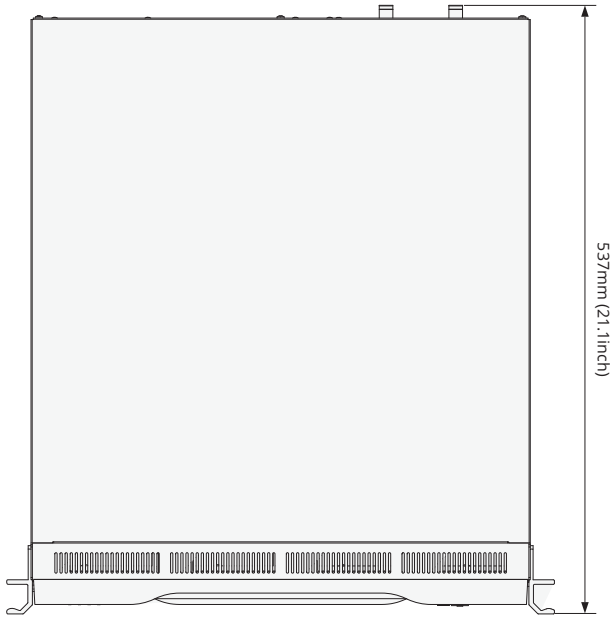
The IDIS Enterprise NVR, IR-310D, allows users to establish a reliable, high performance surveillance system in minutes while providing exceptional manageability. The IR-310D operating system(OS), powered by SSD and IDIS Solution Suite VMS, is perfect for large-scale systems and ensures mission-critical 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

Model Name	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 (1000 Base-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 ~ 40°C (32°F ~ 104°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Input	100 ~ 240V~, 50/60Hz, 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)	482.6 x 88 x 537mm (19" x 3.5" x 21.1")
Unit Weight	12.6kg (27.8lb)

ENTERPRISE
NETWORK VIDEO RECORDERS

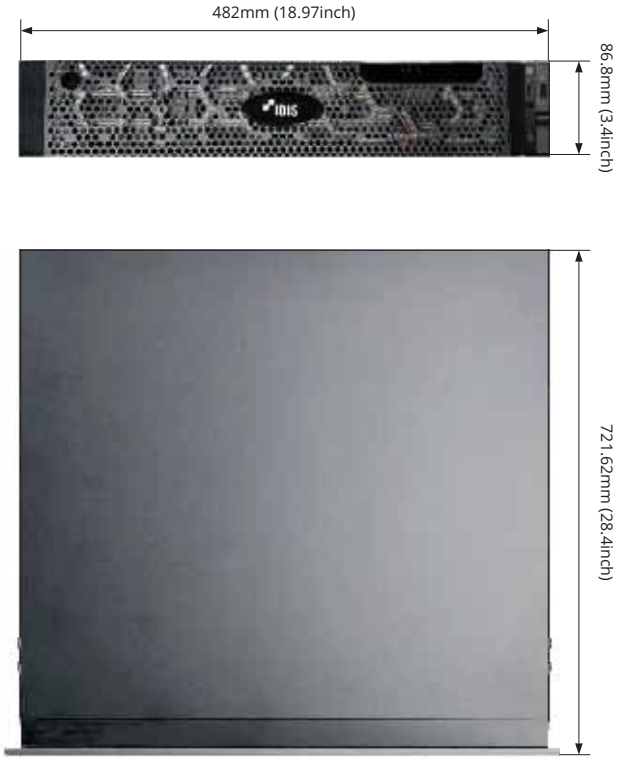
IR-1200



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, Analogue 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

Model Name	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 (1000 Base-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)	482.0 x 86.8 x 721.62mm (18.97" x 3.41" x 28.4")
Unit Weight	Max 28.6kg (63.0lbs)
ELECTRICAL	
Power Input	100 ~ 240VAC, 50/60Hz
Power Supply	Redundant, Hot Swappable
Power Capacity	800W
ENVIRONMENTAL	
Operating Temperature	10° ~ 35°C (50°F ~ 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

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, Analogue 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

Model Name	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)	444.0 x 545 X 86.8mm (17.5" x 21.5" x 3.4")
Unit Weight	Max 25.58kg (56.39lbs)
ELECTRICAL	
Power Input	100 ~ 127, 200 ~ 240VAC, 50/60Hz
Power Supply	Redundant, Hot Swappable
Power Capacity	800W
ENVIRONMENTAL	
Operating Temperature	0° ~ 40°C (32°F ~ 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)

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



Model Name	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 (1000 Base-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)	482.6 x 88 x 523.3mm (19" x 3.5" x 20.6")
Unit Weight	11.8kg (26.01lb)
ELECTRICAL	
Power Input	100 ~ 240V~, 50/60Hz, 6.0 ~ 3.0A
Power Consumption	270W
Approval	FCC, CE, CB, UL, PSE, KC
ENVIRONMENTAL	
Operating Temperature	0°C ~ 40°C (32°F ~ 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.



IDIS AI Solutions

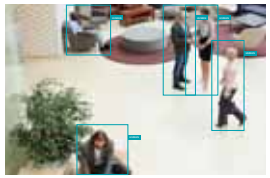
COVID-19 Compliance



Social Distancing Violation Detection


Crowd Detection


Face Mask Detection


People Counting Occupancy Monitoring

Business Intelligence



People Counting
Count, Track and Analyse

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
VisualiseVisitor 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 maximised, 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.

Model Name	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 4ch IP cameras
SYSTEM	
Video Compression	H.264, H.265
Video Inputs	4 IP Channels
Supported Device	DirectIP NVR
Newtork Connection	100M Ethernet x 1 (100 Base-TX) with PD 100M Ethernet x 1 (100 Base-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 x 44 x 157.6mm (7.9" x 1.7" x 6.2")
Unit Weight	0.88kg (1.94lb)
ENVIRONMENTAL	
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Operating Humidity	0% ~ 90 %
ELECTRICAL	
Power Input	48V=, PoE
Power Consumption	48V=, 0.8A, 38.4W PoE, IEEE 802.3 at (Class 4), 25W DC OUTPUT: 48 V=, 0.35A MAX
GENERAL	
Approvals	FCC, CE, KC

AI IN THE BOX
ADD-ON 4-CHANNEL **SURVEILLANCE AI BOX**

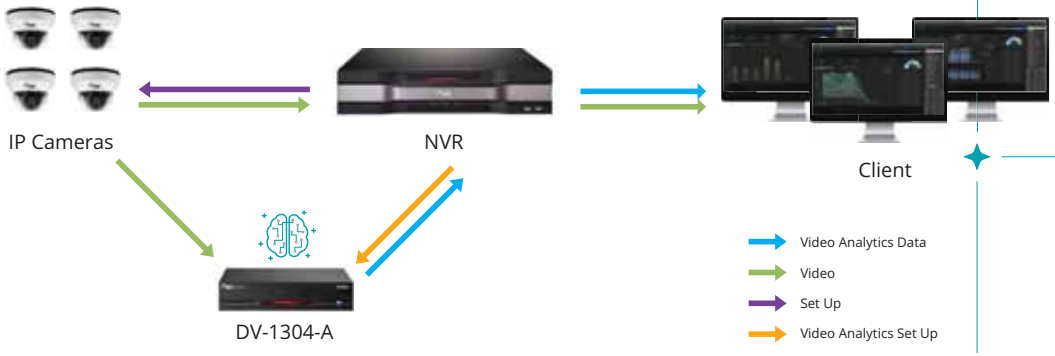
DV-1304-A



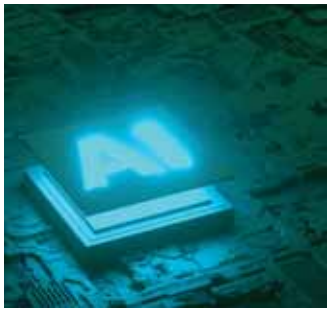
Packed with highly accurate, in-house developed AI-powered analytics

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.



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 device 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.

Model Name	DV-1304-A
	
Key Features	• Simply connect to a compatible IDIS NVR • Supports 4-channel IP cameras • 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 • Generates 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	100M Ethernet x 1 (100 Base-TX) with PD 100M Ethernet x 1 (100 Base-TX) with PSE (PSE need Adaptor)
Environmental	
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Operating Humidity	0% ~ 90 %
ELECTRICAL	
Power Input	48V=, PoE
Power Consumption	48V=, 0.8A, 38.4W PoE, IEEE 802.3at (Class 4), 25W DC Output: 48V=, 0.35A MAX
MECHANICAL	
Unit Dimension (W x H x D)	200 x 44 x 157.6mm (7.9" x 1.7" x 6.2")
Unit Weight	0.88 kg (1.94lb)
GENERAL	
Approvals	FCC, CE, KC

NETWORK ACCESSORIES

Uncompromising Connectivity

Establish the ultimate network backbone with our comprehensive lineup: from encoders bridging analog and digital worlds to Long Reach PoE Extenders surpassing physical boundaries, and switches mastering traffic control. We ensure your security system achieves optimal performance in any setting.

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			
Supported Device	TR-4408(R) / 16(R)	Up to 4TB: TR-4408(R) / 4416(R) Up to 12TB: DR-2504P(-A) / 2508P / 2516P / 3516P / 6508P / 6516P / 6532P / 8516 / 8532(D), TR-4508(R)/4516(R)	Up to 6TB: IR-100 Up to 10TB: DR-8364(F)(D)	IR-300A, IR-310(-A)(D)(D-A)
Type and Rate	SATA II (3Gbps)			
RAID	RAID 1, 5, 10 Supported			
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 x 44 x 346mm (18.9” x 1.7” x 13.6”)			
Weight	6.4kg (14.11lb)			
Operation Temperature	0°C ~ 40°C (32°F ~ 104°F)			
Power Input	100V ~ 240VAC, 0.6 ~ 0.3A, 50/60Hz			
Power Consumption	100 ~ 240V~, 50/60Hz, 0.6 ~ 0.3A, 40W			
Approvals	FCC, CE, KC			

Model Name	DirectIP Gigabit PoE Switch			
	DH-2328PF-A	DH-2212PF	DH-2018P	DH-2010P
				
Key Features	• 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	• 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	• 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	• 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	50Mbps
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 (3.5mm) / 1 x line out (3.5mm)
Network Interface	1 x RJ45 (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

DirectIP® 2.0

Model Name	Encoder
	DP-DE2108
	
Video Input	8 BNC
Max Resolution	2560 x 1920
Video Compression	H.265, H.264
Max Frame Rate	240ips @ 1080P, 144ips @ 3MP, 120ips @ 4MP, 80ips @ 5MP
Multi-video Streaming	Quadruple Streaming
Ethernet	RJ45 (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	12VDC, PoE, IEEE 802.3af (Class 3)
Power Consumption	12V=, 0.8A, 10W PoE, IEEE 802.3af (Class 3), 10W
Approvals	FCC, CE, KC
Dimensions	200 x 44 x 165.2mm (7.9" x 1.7" x 6.5")
Weight	0.81kg (1.79lb)

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, 2560 x 1440, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200 VGA: 2560 x 1440, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200 CVBS: 720 x 480 (NTSC), 720 x 576 (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

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

Scalable Control, Smart Investment

Take full command of your security operations, no matter where you are. Our solution empowers you with remote surveillance of live video and playback, ensuring complete visibility 24/7. Stay proactive with real-time notifications of detected events, and instantly capture critical evidence using the panic recording feature.



SOFTWARE SOLUTIONS - VMS

IDIS CENTER

License-Free Video Management Software



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



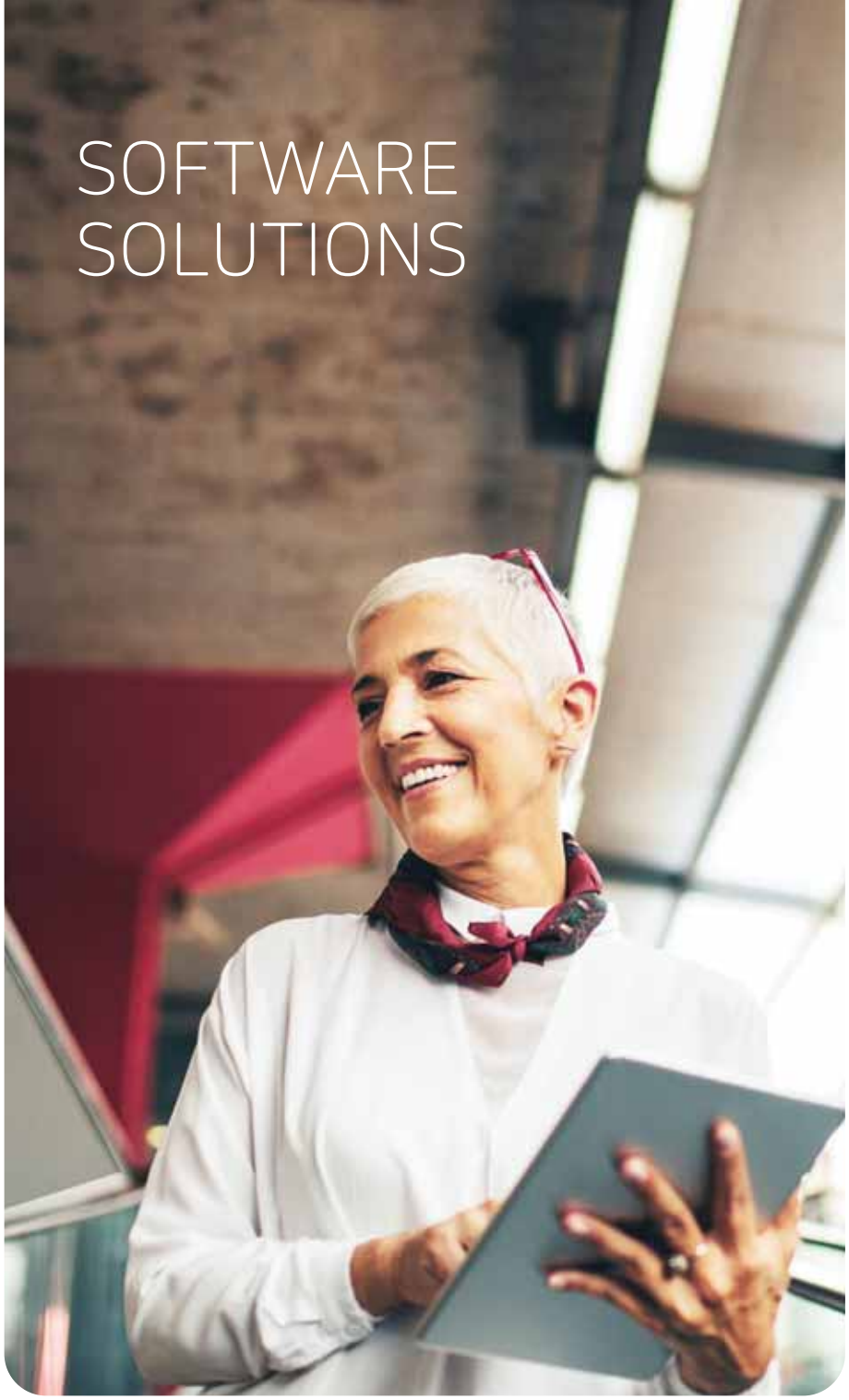
IDIS Web is a program that allows you to view and search video from remote locations over the Internet and can be accessed on a regular web browser such as Internet Explorer. IDIS Web can be downloaded from web browsers in ActiveX format.



- 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)



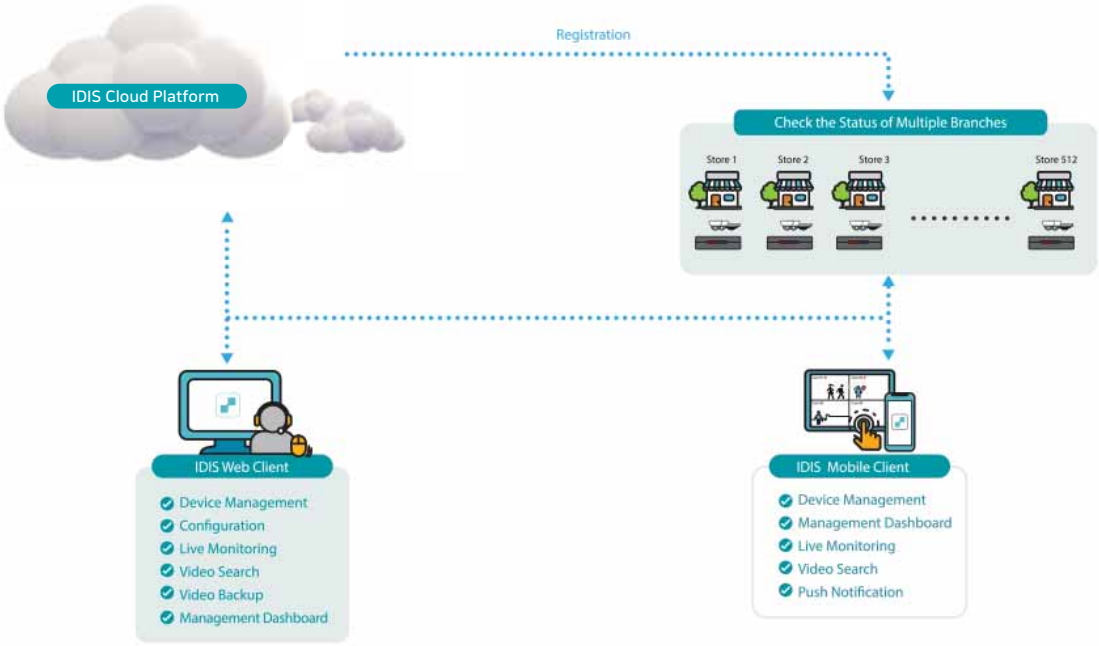
SOFTWARE SOLUTIONS - CLOUD

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 - 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



iPad split view | Dark mode

- 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

DirectCX®

The Most Advanced HD Analogue Over Coax Solution

IDIS DirectCX, the industry's most advanced Analogue 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

Model Name	DirectCX IR Dome Camera, 5MP TC-D5532WRX	DirectCX IR Bullet Camera,5MP TC-T5532WRX
		
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 = 3.0 ~ 13.5mm	f = 3.0 ~ 13.5mm
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	olor: 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 (True WDR)	120dB (True WDR)
Day and Night	YES (ICR)	Yes (ICR)
IR Distance (LEDs)	30m / 98.4ft (4ea)	30m / 98.4ft (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 Noise 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)	Ø155 x 105mm (6.1" x 4.13")	80 x 75 x 237mm (3.15" x 2.95" x 9.33")
Weight	0.815kg (1.8lb)	0.87kg (1.92lb)
Power Source	DC12V, AC24V	DC12V, AC24V
Power Consumption	DC 12V/8W, AC 24V/ 8.3W	DC12 V / 8W, AC 24 V / 8.3W

Model Name	DirectCX Covert Camera, 2MP TC-V5211X
	
Image Sensor	1/2.8" CMOS Sensor
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	Fixed-focal
Focal Length	2.4mm
Aperture	F2.0
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 Unit: 37 x 37 x 30.5mm (1.46" x 1.46" x 1.20")
Weight	0.055kg (0.12lb)
Power Source	DC12V
Power Consumption	1.6W

DirectCX® | HD Analog Covert Camera



TR-4000 SERIES

Model Name	DirectCX 16ch H.265 Recorder TR-4516	DirectCX 8ch H.265 Recorder TR-4508
		
VIDEO		
Video Inputs	16BNC	8BNC
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 480ips	Up to 240ips
RECORDING		
Recording Resolution	2560 x 1920, 2560 x 1440, 1920 x 1536, 1920 x 1080, 1280 x 720, 960 x 480, 720 x 480, 960 x 240, 720 x 240, 480 x 240, 360 x 240	2560 x 1920, 2560 x 1440, 1920 x 1536, 1920 x 1080, 1280 x 720, 960 x 480, 720 x 480, 960 x 240, 720 x 240, 480 x 240, 360 x 240
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	16ch 1080 p Synchronous Playback	8ch 1080 p Synchronous Playback
Search Mode	Time-lapse, Event log, Text-in	Time-lapse, Event log, Text-in
Digital Zoom	x 2 ~ x 7	x 2 ~ x 7
STORAGE		
HDD	SATA x 4, eSATA x 1	SATA x 4, eSATA x 1
Data Export Device	USB HDD, USB Stick	USB HDD, USB Stick
NETWORK		
Client Connection	Gigabit Ethernet x 1	Gigabit Ethernet x 1
Transmission Speed	30ips@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)	430 x 88 x 427mm (16.9" x 3.5" x 16.8")	430 x 88 x 427mm (16.9" x 3.5" x 16.8")
Unit Weight	6.2kg (13.7lbs) (with 2 x 4TB HDD)	6.2kg (13.7lbs) (with 2 x 4TB HDD)
Operating Humidity	0 % ~ 90 %	0% ~ 90%
Power Input	100 ~ 240V~, 50/60Hz, ≤2.0A	100 ~ 240V~, 50/60Hz, ≤2.0A
Power Consumption	100 ~ 240V~, 50/60Hz, 1.0 ~ 0.5A, 80W	100 ~ 240V~, 50/60Hz, 1.0 ~ 0.5A, 80W
Approvals	FCC, CE, KC, CB, UL, PSE	FCC, CE, KC, CB, UL, PSE

TR-2000 SERIES

Model Name	DirectCX 4ch H.265 Recorder TR-2604
	
VIDEO	
Video Inputs	4 Channels (4BNC, 1 RJ45: Up to 2IP 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	2560 x 1920, 2560 x 1440, 1920 x 1080, 1280 x 720, 720 x 576, 720 x 480, 640 x 360, 720 x 288, 720 x 240, 360 x 288, 360 x 240
Video Compression	Analog: H.265, Intelligent Codec IP: H.265, H.264, Intelligent Codec
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	x 2 ~ x 12
STORAGE	
HDD	SATA x 2
NETWORK	
Client Connection	Fast Ethernet x 1
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)	340 x 44 x 302.3mm (13.4" x 1.7" x 11.9")
Unit Weight	3.16kg (with 2 2TB HDD)
Operating Humidity	0% ~ 90%
Power Input	Adaptor Input: 100 ~ 240VAC, 50/60Hz, 1.5A, Output: 12VDC, 5A
Power Consumption	12V=, 1.83A, 21.96W
Approvals	FCC, CE, KC

HD ANALOG RECORDERS & CAMERAS

Overlapped Recording

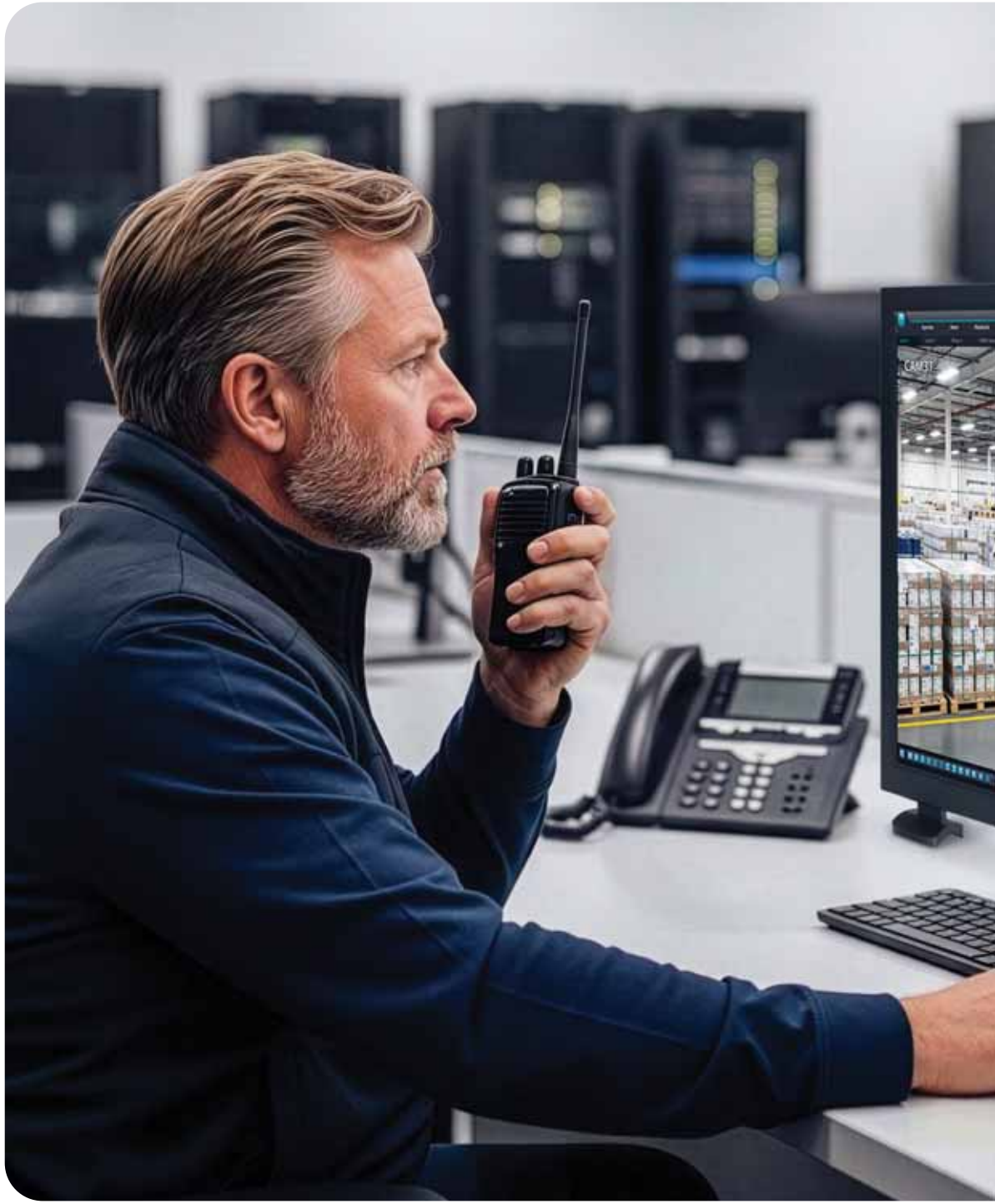
When a user changes the HD Analog system time to the past point, video data for the overlapped time will be recorded in different segments. This enables video data for the overlapped time to be searched in different time sets and prevents any possible loss of video data or discrepancy on time-based search.



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

Model Name	32″ Full HD Standard Monitor SM-F322	21.5″ Full HD Standard Monitor SM-F212
		
PANEL		
Type	LED	LED
Screen Size	32Inch	21.5Inch
Active Display Area	698.40mm (H) x 392.85mm (V)	476.64mm (H) x 268.11mm (V)
Max. Resolution	1920 x 1080 @ 60Hz	1920 x 1080 @ 60 Hz
Brightness	250cd/m²	220cd/m²
Contrast Ratio	1200:1	1000:1
Viewing Angle (H/V)	178° / 178°	170° / 160°
Frequency (H/V)	30 ~ 80Khz / 50 ~ 75Khz	30 ~ 80Khz / 50 ~ 75Khz
Response Time (G2G)	<6.5ms	<5ms
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 (W x H x D)	741.2 x 472.9 x 180.0mm (29.18" x 18.62" x 7.09")	507.0 x 370.2 x 149.1 mm (19.96" x 14.56" x 5.87")
Bezel Width (Spec. for VideoWall)	-	-
Net Weight / Gross Weight	12.5kg (27.56lb) / 15.6kg (34.4lb)	3.8kg (8.38lb) / 4.8kg (10.58lb)
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	AC100 ~240V (50/60Hz)	DC12V, 3A (AC100 ~ 240V [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)
Storage Temperature	-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 x 200mm / M6 x 10 Screws	100 x 100mm / 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

Uncompromising Connectivity

Establish the ultimate network backbone with our comprehensive lineup: from encoders bridging analog and digital worlds to Long Reach PoE Extenders surpassing physical boundaries, and switches mastering traffic control. We ensure your security system achieves optimal performance in any setting.

Network Accessories

	Network Keyboard
Model Name	NK-1200
	
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	
Model Name	FTLF1318P3BTL	FTLF8519P3BNL
		
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 2.125Gb/s bi-directional data links • Hot-pluggable SFP footprint • 850nm Oxide VCSEL laser transmitter • Compatibility with DH series and DA-MC1101

	Long Range PoE Extender	Single Port High-PoE Injector	Single Port PoE Injector	Single Port High-PoE Injector	Single Port PoE Repeater
	DA-LP1101R / DA-LP1101T	DA-PI110A	DA-PI2101	PoE400	DA-PR1101
Model Name					
Key Features	• Up to 500m PoE transmission between devices using UTP cabling • Up to 700m data transmission between devices using UTP cabling • Plug-and-play without any required PC setting • Supports 1Gbps / IEEE802.3at for PoE Injector • Supports 1Gbps / IEEE802.3at / 100m for PoE Repeater	• Rugged Construction • 75watt, 55VDC PoE 802.3bt power delivery • High-temperature operation up to 74°C (Nema TS2) • Supports IEEE 802.3af/at/bt • 10/100/1000 BaseT ethernet • MTBF 100,000's @ 25°C • Convenient mounting tabs for quick installation	• 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





Israeli Heritage Sites

SPEED DOME (1)



Adapter Plate



DA-BM1100

Ceiling Mount



DA-CM1300

or

Ceiling Mount



DA-CM1500

Sun Shield



DA-DH1100

Wall Mount



DA-WM1400

Corner Mount



DA-RM1100

Pole Mount



DA-LM1100

DC Series DC-S6281HX

SPEED DOME (2)



Ceiling Mount



DA-CM1300

or

Ceiling Mount



DA-CM1500

Wall Mount



DA-WM1400

Corner Mount



DA-RM1100

Pole Mount



DA-LM1100

DC Series DC-S6883WRA, DC-S6683WRA, DC-S6882WR, DC-S6682WR
DC-S6481HRA, DC-S6286HRXL

SPEED DOME (3)



Mount Adapter

DA-MA2100

Ceiling Mount



DA-CM2050

or

Ceiling Mount



DA-CM2100

Junction Box



DA-JB2200

Wall Mount



DA-WM2050

Corner Mount



DA-RM2000

Flush Mount



DA-FM4600

Pole Mount



DA-LM2000

DC Series DC-S6261X

SPEED DOME (4)



Adapter Plate



DA-BM1100

Ceiling Mount



DA-CM1300

or

Ceiling Mount



DA-CM1500

Wall Mount



DA-WM1400

Corner Mount



DA-RM1100

Pole Mount



DA-LM1100

DC Series DC-S4561WRA

DOME (1)



Wall Mount

DA-WM4200

or

Wall Mount

DA-WM4300

DC Series DC-D4217RX

TC Series TC-D4211RX

DOME (2)



Mount Adapter

DA-MA4300

Ceiling Mount

DA-CM2050

or

Ceiling Mount

DA-CM2100

Flush Mount

DA-FM1500

or

Flush Mount

DA-FM1600

Wall Mount

DA-WM2050

Corner Mount

DA-RM2000

Wall Mount

DA-WM4200

or

Wall Mount

DA-WM4300

Pole Mount

DA-LM2000

DC Series DC-D4537RXA, DC-D4536RX, DC-D4237RX
DC-D4236RX, DC-D4236X

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

DOME (3)



Flush Mount

DA-FM1500

Wall Mount

DA-WM4200

or

Wall Mount

DA-WM4300

TC Series TC-D4222RX, TC-D4221RXP

DOME (4)



Mount Adapter

DA-MA4200

Ceiling Mount

DA-CM2050

or

Ceiling Mount

DA-CM2100

Wall Mount

DA-WM4300

Wall Mount

DA-WM2050

Corner Mount

DA-RM2000

Junction Box

DA-JB4600

Pole Mount

DA-LM2000

DC Series DC-D4532WERA

DOME (4-1)



Mount Adapter



DA-MA4300

Ceiling Mount



DA-CM2050

or

Ceiling Mount



DA-CM2100

Wall Mount



DA-WM4300

Wall Mount



DA-WM2050

Corner Mount



DA-RM2000

Junction Box



DA-JB4700

Pole Mount



DA-LM2000

DC Series DC-D4512WERA

DOME (4-2)



Wall Mount



DA-WM4200

or

Wall Mount



DA-WM4300

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)



Mount Adapter



DA-MA4300

Ceiling Mount



DA-CM2050

or

Ceiling Mount



DA-CM2100

Wall Mount



DA-WM2050

Corner Mount



DA-RM2000

Junction Box



DA-JB4600

or

Junction Box



DA-JB4700

Pole Mount



DA-LM2000

DC Series DC-D4811WRX
DC-D4516WRX
DC-D4216WRX

DOME (7)



Mount Adapter

DA-MA4200

Ceiling Mount

DA-CM2050

or

Ceiling Mount

DA-CM2100

Flush Mount

DA-FM1500

Wall Mount

DA-WM2050

Corner Mount

DA-RM2000

Junction Box

DA-JB4600

Pole Mount

DA-LM2000

DC Series TC-D4222WRX, TC-D4221WRXP

DOME (8)



Mount Adapter

DA-MA2100

Ceiling Mount

DA-CM2050

or

Ceiling Mount

DA-CM2100

Flush Mount

DA-FM1500

Wall Mount

DA-WM2050

Corner Mount

DA-RM2000

Junction Box

DA-JB2200

Pole Mount

DA-LM2000

DC Series DC-D4831HRX, DC-D4538WRA, DC-D4548WRA
DC-D4537HRXA, DC-D4536HRX, DC-D4238HRA
DC-D4248HRA, DC-D4236HRX-B, DC-D4236HRX
DC-D4236WRX, DC-D4246WX, DC-D4218WRA

TC Series TC-D5532WRX, TC-D5531WRX
TC-D5531WRXP-A

DOME (9)



Mount Adapter

DA-MA2100

Ceiling Mount

DA-CM2050

or

Ceiling Mount

DA-CM2100

Wall Mount

DA-WM2050

Corner Mount

DA-RM2000

Sun Shield

DA-SS1200

Pole Mount

DA-LM2000

DC Series DC-D6831WRA, DC-D6631WRA

MULTI-IMAGER



Mount Adapter

DA-MA4400

Ceiling Mount

DA-CM1300

or

Ceiling Mount

DA-CM1500

Wall Mount

DA-WM1400

Corner Mount

DA-RM1100

Pole Mount

DA-LM1100

DC Series DC-U6K31WRA

FISHEYE (1)



DC Series DC-Y6C16WRX
DC-Y6516WRX

Mount Adapter

DA-MA4200

Ceiling Mount

DA-CM2050

or

Ceiling Mount

DA-CM2100

Wall Mount

DA-WM2050

Corner Mount

DA-RM2000

Junction Box

DA-JB4600

or

Tilt Mount

DA-TM4200

Pole Mount

DA-LM2000

FISHEYE (2)



DC Series DC-Y6516X

Mount Adapter

DA-MA4300

Ceiling Mount

DA-CM2050

or

Ceiling Mount

DA-CM2100

Wall Mount

DA-WM2050

Corner Mount

DA-RM2000

Junction Box

DA-JB4700

or

Tilt Mount

DA-TM4100

Pole Mount

DA-LM2000

FISHEYE (3)



DC Series DC-Y8D11WRA

Mount Adapter

DA-MA2100

Ceiling Mount

DA-CM1300

or

Ceiling Mount

DA-CM1500

Wall Mount

DA-WM1400

Corner Mount

DA-RM1100

Junction Box

DA-JB2200

or

Tilt Mount

DA-TM1100

Pole Mount

DA-LM1100

INTERCOM



DC Series DC-I6212WRX

Flush Mount

DA-FM2100

BULLET (1)



Junction Box



DA-JB4150

Junction Box



DA-JB2300

Junction Box



DA-JB2400

Corner Mount



DA-RM2000

Pole Mount



DA-LM2000

DC Series DC-T4831HRX, DC-T4538WRA, DC-T4537HRXA
DC-T4536HRX, DC-T4236HRX, DC-T4236WRX
DC-T4811WRX, DC-T4516WRX, DC-E4216WRX

TC Series TC-T5532WRX, TC-T5531WRX, TC-T5531WRXP-A

BULLET (1-1)



Junction Box



DA-JB4150

Junction Box



DA-JB2400

Corner Mount



DA-RM2000

Pole Mount



DA-LM2000

DC Series DC-T4238HRA, DC-T4248HRA, DC-T4218WRA

BULLET (2)



Junction Box



DA-JB4150

Corner Mount



DA-RM2000

Pole Mount



DA-LM2000

TC Series TC-T4222WRX, TC-T4221WRXP, TC-E4211WRX

BULLET (2-1)



Junction Box



DA-JB2400

Corner Mount



DA-RM2000

Pole Mount



DA-LM2000

TC Series TC-T5511WRX

BULLET (3)



Built-In Junction Box

Corner Mount



DA-RM2000

Pole Mount



DA-LM2000

DC Series DC-T8871WRA, DC-T8831WRA, DC-T8671WRA, DC-T8631WRA, DC-T6831WRA, DC-T6631WRA

BULLET (4)



Wall Mount



DA-WM3200

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

BOX / ZOOM



Box Housing



BA-BH1100EX

Wall Mount



DA-WM3200

DC Series DC-B6206XL, DC-B4501X

TC Series TC-B5502X, TC-B5501X, TC-B5501XP-A, TC-B4201X, TC-B4202X, TC-B4201XP



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



Flush Mount



CLD-FMA

Junction Box Adapter



CLD-JBA-W

Cap



CLD-CAP-W

Mount Ring Adapter



DA-MA110A *

Wall Mount



DA-WM2050 *

Corner Mount



CHG2501

Pole Mount



CHG2511

Pendant Mount Bracket



AV-PMJB-W

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

Models AV02CLD-200, AV05CLD-200

* DA-WM2050 can be used with a junction box
  If a junction box is required: use DA-JB130A
  If a junction box already exists: use DA-JB131A
* DA-MA110A (Mount Ring Adapter) is used with DA-WM2050

MICRO DOME



- Flush Mount
  - 
  - CID-FMA
- Wall Mount with Cap
  - 
  - MCD-WMT-W
  - Corner Mount
    - 
    - CHG2501
  - Pole Mount
    - 
    - CHG2511
- Pendant Mount
  - 
  - MCD-CMT-W

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

Models AV2856DNIR-S, AV2856DNIR-F, AV5856DNIR-S, AV5856DNIR-F
AV8856DNIR-S, AV8856DNIR-F
* Compatible with Surface Mounted Cameras

MICRO DOME DUO



Flush Mount



MDD-FMA

Audio Cable



AV-1AK

Wall Mount with Cap



MDD-WMT-W

Corner Mount



CHG2501

Pole Mount



CHG2511

Pendant Mount with Cap



MDD-CMT-W

Here are the options available based on your situation:

Models		Type
	AV-JBA-W	Junction Box

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

FISHEYE



- Junction Box Adapter
  
  CLD-JBA-W
- Surface Mount
  
  AV12CFE-ADPT
- Cap
  
  CLD-CAP-W
- Mount Ring Adapter
  
  DA-MA110A *
- Wall Mount
  
  DA-WM2050 *
- Corner Mount
  
  CHG2501
- Pole Mount
  
  CHG2511
- Pendant Mount Bracket
  
  AV-PMJB-W

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 a junction box
  If a junction box is required: use DA-JB130A
  If a junction box already exists: use DA-JB131A
* DA-MA110A (Mount Ring Adapter) is used with DA-WM2050

Models AV12CFE-250

MULTI-IMAGER OMNI RS



Flush Mount



SO3-FMA

Quick Disconnect



8188365002

Quick Disconnect



8188365002
-RJ45-IP67

Cap



SO3-CAP-W

Mount Ring Adapter



DA-MA110A *

Wall Mount



DA-WM2050 *

Corner Mount



CHG2501

Pole Mount



CHG2511

Pendant Mount Bracket



AV-PMJB-W

Models AV20576RS

MULTI-IMAGER OMNI RSIR



Quick Disconnect



8188365002

Quick Disconnect



8188365002
-RJ45-IP67

Mount Ring Adapter



DA-MA110A *

Pendant Mount Bracket



AV-PMJB-W

Wall Mount



DA-WM2050 *

Corner Mount



CHG2501

Pole Mount



CHG2511

Models AV20576RSIR, AV32576RSIR

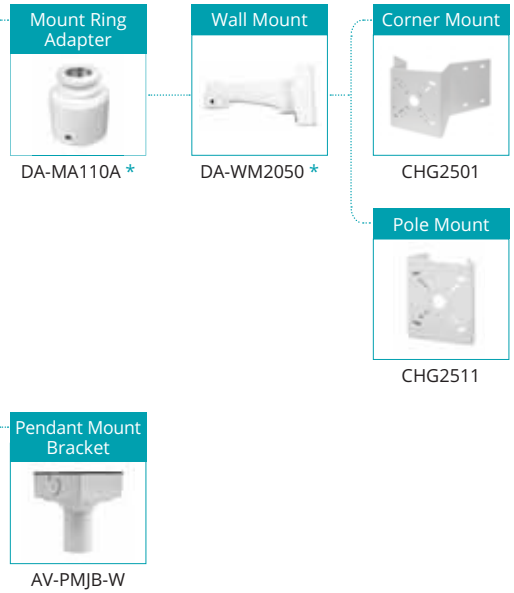
When installing a Multi-Imager Omni RS/RSIR camera,
Here are the options available based on your situation:

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 a junction box
  If a junction box is required: use DA-JB130A
  If a junction box already exists: use DA-JB131A
* DA-MA110A (Mount Ring Adapter) is used with DA-WM2050

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 a junction box
  If a junction box is required: use DA-JB130A
  If a junction box already exists: use DA-JB131A
* DA-MA110A (Mount Ring Adapter) is used with DA-WM2050

Models AV20576RS-QDRJ45, AV20576RSIR-QDRJ45, AV32576RSIR-QDRJ45

MULTI-IMAGER OMNI LX



- Flush Mount
  
  SO-FMA
- Quick Disconnect
  
  8188365002
- Quick Disconnect
  
  8188365002 -RJ45-IP67
- Cap
  
  SO-CAP-W
- Mount Ring Adapter
  
  DA-MA110A *
- Wall Mount
  
  DA-WM2050 *
- Corner Mount
  
  CHG2501
- Pole Mount
  
  CHG2511
- Pendant Mount Bracket
  
  AV-PMJB-W

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

* DA-WM2050 can be used with a junction box
  If a junction box is required: use DA-JB130A
  If a junction box already exists: use DA-JB131A
* DA-MA110A (Mount Ring Adapter) is used with DA-WM2050

MEMO



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