

TECHNOLOGY LINE UP 2023



Increase security and efficiency
with highly accurate IDIS Deep Learning Analytics







CONTENTS

Network Video Recorders | Network Cameras

HD-TVI Recorders | HD TVI Cameras

Software Solutions

Network Accessories

Access Control Solutions

A WORLDWIDE PRESENCE





IDIS IS A GLOBAL SECURITY COMPANY THAT DESIGNS, DEVELOPS, AND MANUFACTURES VIDEO SOLUTIONS FOR A WIDE RANGE OF COMMERCIAL AND PUBLIC SECTOR MARKETS.

As the the largest in-country video surveillance manufacturer in South Korea, with headquarters and manufacturing facilities outside Seoul, IDIS operates across 50 countries and 100+ strategic partners. IDIS is a world-leading surveillance solution provider with over two million recorders installed worldwide and over 16.5 million cameras utilizing IDIS technology.

The IDIS Total Video Surveillance Solution exceeds the requirements of an increasingly demanding security landscape. IDIS provides the benefit of an end-to-end, highest-quality comprehensive video surveillance solution and delivers user-friendly, flexible, scalable innovation, able to meet every video surveillance need—all with unrivaled performance, quality, and low total cost of ownership.

CULTURES



OUR MISSION

Our mission is to contribute to a safer and more secure world through a commitment to innovation and by fostering a culture of creativity.



OUR VISION

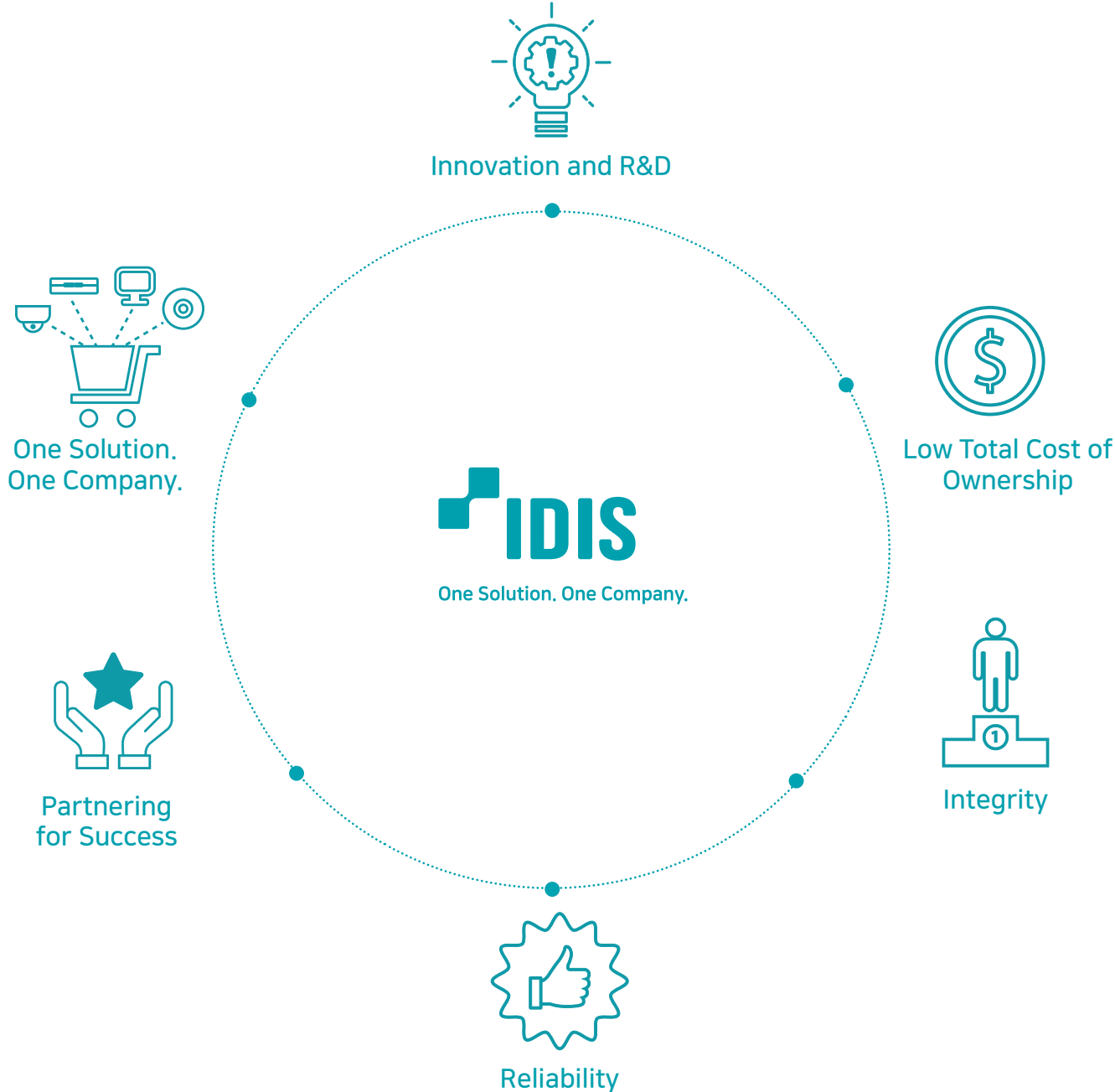
Our vision is to become the premier global security solutions specialist by providing the world's best, most innovative and value-add video tech offerings as well as the most responsive customer service.



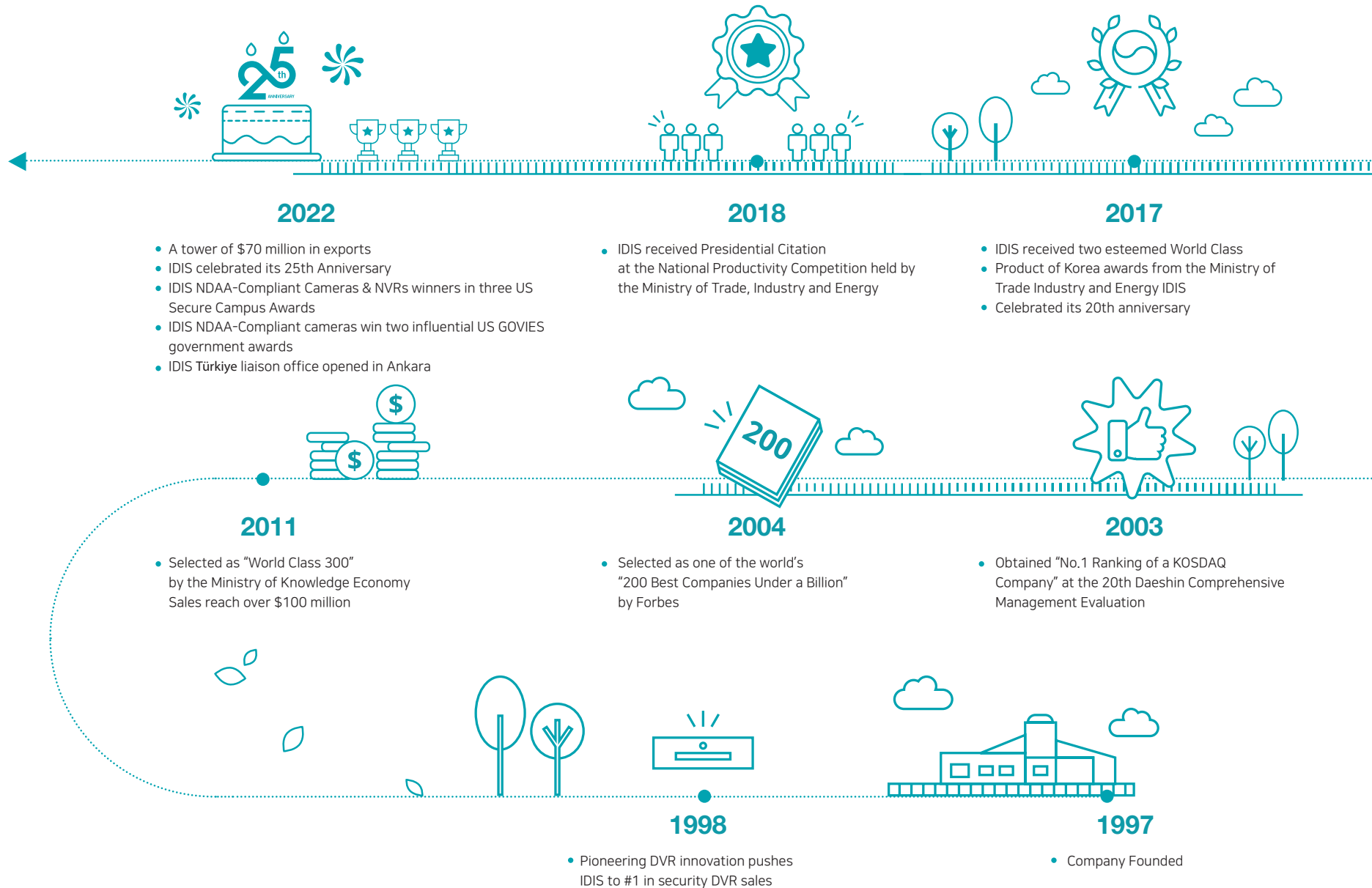
CORE VALUES

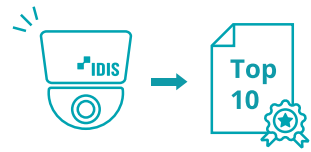


STRENGTHS



IDIS MILESTONES





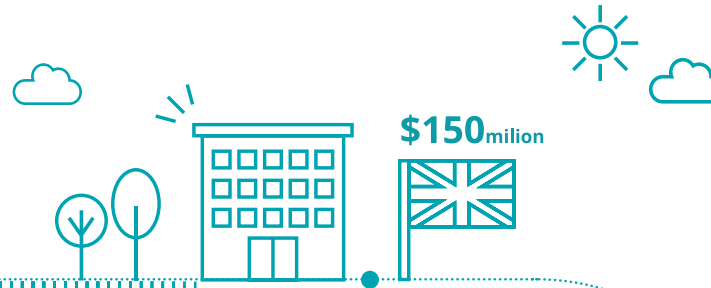
2014

- Named Top 10 in the World for Video Surveillance by A&S



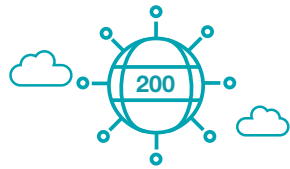
2013

- DirectIP launch recognized with 2013 Platinum Marcom Award
- iDIS launches its brand business and DirectIP at IFSEC International



2012

- Selected as a "Good Company to Work For" by the Korea Economic Daily
- Europe headquarters established in London
- U.K. Sales reach over \$150 million



2002

- Selected as one of the world's "200 Best Companies Under a Billion" by Forbes Received "Presidential Prize" for the 5th Venture Companies



2000

- Received "Daejeon Economy Grand Prize (Technology Development)"



1999

- Selected as "A Company with Good New-Tech" by the Korean Ministry of Information and Communication



TOTAL VIDEO SOLUTION PROVIDER

For customers and partners, this means they can build a complete video surveillance and analytics solution using products that seamlessly integrate from a single vendor.

One Solution. One Company.

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.



Made in **KOREA**



COMMERCIAL
OFFICE SPACE



EDUCATION



BANKING AND
FINANCE



HEALTHCARE



RETAIL



TRANSPORTATION



MANUFACTURING

SPORTING FACILITIES

LOGISTICS AND WAREHOUSING

IDIS VERTICAL SOLUTIONS

IDIS has a portfolio of leading technology to meet the security, safety, and operational challenges that many businesses face. DirectIP is the cornerstone of IDIS end-to-end solutions.

- Easy installation and secure networking through our dedicated DirectIP devices
- Compatibility with legacy security systems, external devices, and third-party protocols

Direct IP[®]

IP WITHOUT THE PC

DirectIP's "IP without the PC" concept enables simple installation and configuration, allowing instant streaming once connected. Once connected to a network keyboard and mouse, DirectIP NVRs can setup and handle DirectIP cameras without a PC.



THE IDIS DirectIP DIFFERENCE

Managing Complexity Through Innovation

DirectIP is a one stop shop solution, true plug-and-play for our range of network cameras, recorders, AI appliances, monitors and network accessories that all seamlessly connect to the cost-free IDIS Center or enterprise-class IDIS Solution Suite VMS. Simple to install and maintain, DirectIP goes beyond “plug-and-play” capability, delivering an auto-configured, pre-engineered solution that is affordable and high performing.

A Pre-Engineered Solution that Removes Guesswork without Restricting Choice

With IDIS DirectIP, say goodbye to the calculations and guess work previously required to determine the necessary specs for a PC server. Questions such as “What CPU do I need?” “What VGA will be required?” “How much RAM will the system need?” or “Is there enough network bandwidth?” no longer need to be asked. The only thing users have to determine is how much storage will be required and the DirectIP solution handles the rest.

Unprecedented Scalability for Any Surveillance Need

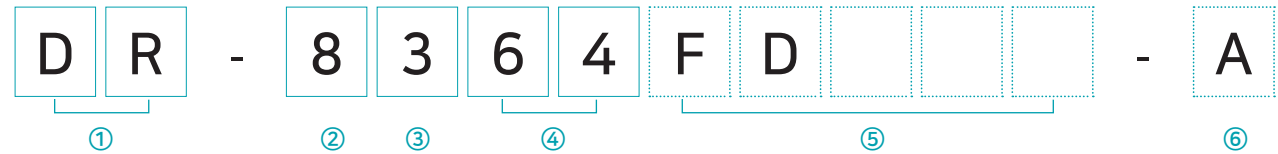
DirectIP systems are incredibly easy to scale up as required. The free IDIS Center VMS supports up to 1,024 DirectIP NVRs, which allows for the management of 64,000+ IP cameras, while IDIS Solution Suite supports an unlimited number of IP cameras. Multiple NVRs can be united as one system to create a mini matrix.

Reduced Maintenance and Operating Costs

Korean reliability, easy firmware updates, and the guarantee of forward and backward compatibility provides the assurance of simple and low cost maintenance. Users can choose from the totally cost-free IDIS Center or IDIS Solution Suite VMS that is both modular and scalable and comes without ongoing license fees or device connection costs, reducing the operating costs associated with video management software.

IDIS NAMING STRUCTURE

Network Video Recorder



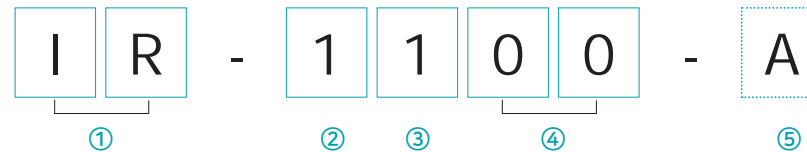
- ① **Product** DR : NVR
TR : DVR
- ② **Series** M : Mobile (Vehicle)
1 : Entry
2 : Quality
4 : Standard
6 : Expert
8 : Flagship
- ③ **Generation** 1~9
- ④ **Channel** 01~99 : 01~99Ch

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

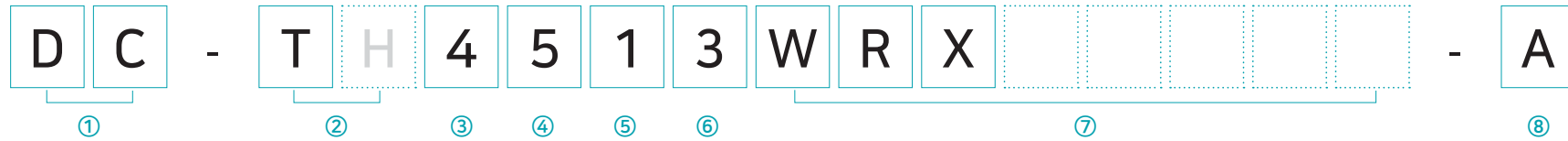


- ① **Product** IR : Pre-installed VMS
(Installed with iNEX)
- ② **Series** 1~9
- ③ **Generation** 0 : Reserved
1~9

④ **Channel**

⑤ **Renewal Version**

Network Cameras



① **Product** DC : IP Camera
TC : Analog Camera

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

③ **Series** 1~3 : Legacy model
4 : Quality model
6 : Expert model
8 : Flagship model

④ **Resolution** [IP-CAM, A-CAM]
0 : lower than 1MP
1~9 : 1MP ~9MP
A~F : 10MP ~ 15MP
Thermal
0 : lower than CIF
1 : CIF
2 : VGA
3 : 1MP

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

⑥ **Version** 0 : Reserved
1~9

⑦ **Version** Extension

[IP-CAM]	
Stainless	S
Heater	H
Weather Proof	W
Vandal Resistance	V
Flush	F
Compact	C
IR LED	R
True WDR	X
Wireless Network	N
Modular jack type	J
LightMaster	L
AI Embedded	A

[HD-TVI CAM]	
Stainless	S
Heater	H
Weather Proof	W
Vandal Resistance	V
Flush	F
Compact	C
IR LED	R
True WDR	X
PoC	P
LightMaster	L

[IP-CAM > Specialty]		
Explosion Proof	EX	
Camera Type	Bullet	T
	PTZ	S

⑧ **Renewal Version** A





NETWORK VIDEO RECORDERS

Make Your Surveillance
Future Proof

Providing quality products and individualized
services at competitive rates.









DR-8000 SERIES

Model Name	DR-8564(D)		DR-8364(F)D	
	 		  IDIS Critical Failover	
VIDEO				
Video Inputs	64 IP Channels		64 IP Channels	
Max. Incoming Throughput	540 Mbps		900 Mbps	
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF		DirectIP, AXIS, PANASONIC, ONVIF	
Video Outputs	2 HDMI		1 HDMI, 1 VGA	
Display Resolution	HDMI : 3840x2160, 1920 x 1200 , 1920 x 1080, 1680 x 1050, 1600 x 1200		HDMI : 3840x2160, 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 1080ips		Up to 1920ips	
RECORDING				
Max. Throughput	400 Mbps, 1920 ips@UHD		400Mbps, 1920ips@UHD	
Recording Resolution	Up to 12MP (Depending on IP Camera)		Up to 12MP (Depending on IP Camera)	
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	
PLAYBACK				
Performance	64 ch Synchronous Playback		64 ch Synchronous Playback	
Search Mode	Time-lapse, Event Log, Text-in, Thumbnail		Time-lapse, Event Log, Thumbnail, Motion, Text-in	
STORAGE				
HDD	SATA x8, eSATA x4, RAID 1, 5, 10 Supported		SATA x 8, eSATA x4, RAID 1, 5, 10 Supported	
NETWORK				
Client Connection	Gigabit Ethernet (Client) x 1		Gigabit Ethernet (Client) x1	
Video In Connection	Gigabit Ethernet (Video In) x 3, SFP (Video In) x 2		Gigabit Ethernet(Video In) x3, SFP(Video In) x 2	
Transmission Speed	50 Mbps / 100 Mbps (BRP Mode)		400 Mbps / 500 Mbps (BRP Mode)	
Camera Power	-		-	
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite		IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite	
INTERFACE				
Audio In / Out	Local (NVR) : 1 RCA / 1 RCA + 2 HDMI IP Camera : 64 / 64 (Depending on IP Camera)		Local (NVR) : 1 RCA / 1 RCA + 1 HDMI IP Camera : 64 / 64 (Depending on IP Camera)	
Alarm In / Out	Local(NVR) : 4 / 1 IP Camera : 64 / 64 (Depending on IP Camera)		Local (NVR) : 4 / 1 IP Camera : 64 / 64 (Depending on IP Camera)	
Alarm Reset In	1		1	
Serial Interface	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	
GENERAL				
Operating System	Embedded Linux		Embedded Linux	
Dimensions (W x H x D)	482.6mm x 88mm x 523.3mm (19" x 3.5" x 20.6")		482.6 mm x 88 mm x 523.3 mm (19" x 3.5" x 20.6")	
Unit Weight	8564: 11.16 kg (24.60 lb) (with 2 HDDs) 8564 D: 12.24 kg (26.98 lb) (with 2 HDDs)		12.3 kg (21.12 lb) (with 2 HDDs)	
Power Input	8564: 100-240V~, 50/60Hz, 6.0 - 3.0A 8564D: 100-240V~, 50/60Hz, 8.0 - 4.0A		AC 100-240 V, 50/60Hz, 2.0 - 1.0 A	
Power Consumption	8564:100-240V~, 50/60Hz, 6.0 - 3.0A, 145W 8564D: 100-240V~, 50/60Hz, 8.0 - 4.0A, 145W x2		100-240V~, 50/60Hz, 2.0-1.0A, 120W x2	
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

* Establish NVR Failover system with standby DR-8364F(D).

DR-8000 SERIES

	DR-8532	DR-8532D	DR-8516
Model Name	 	 	 
VIDEO			
Video Inputs	32 IP Channels	32 IP Channels	16 IP Channels
Max. Incoming Throughput	370 Mbps	370 Mbps	320 Mbps
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF		
Video Outputs	2 HDMI		
Display Resolution	HDMI : 3840 x 2160, 1920 x 1200 , 1920 x 1080, 1680 x 1050, 1600 x 1200		
Display Speed	Up to 960 ips	Up to 960 ips	Up to 480 ips
RECORDING			
Max. Throughput	230 Mbps, 960 ips@UHD	230 Mbps, 960 ips@UHD	180 Mbps, 480 ips@UHD
Recording Resolution	Up to 12MP (Depending on IP Camera)		
Compression	H.265, H.264		
Intelligent Codec	Supported		
Recording Mode	Time-lapse, Event, Pre-event, Panic		
PLAYBACK			
Performance	32 ch Synchronous Playback		16 ch Synchronous Playback
Search Mode	Time-lapse, Event Log, Text-in, Thumbnail		
STORAGE			
HDD	SATA x 8, eSATA x 4, RAID 1, 5, 6, 10 Supported		
NETWORK			
Client Connection	Gigabit Ethernet (Client) x 1		
Video In Connection	Gigabit Ethernet (Video In) x 3, SFP (Video In) x 2		
Transmission Speed	50 Mbps / 100 Mbps (BRP Mode)		
Camera Power	-		
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite		
INTERFACE			
Audio In / Out	Local (NVR) : 1 RCA / 1 RCA + 2 HDMI IP Camera : 32 / 32 (Depending on IP Camera)	Local (NVR) : 1 RCA / 1 RCA + 2 HDMI IP Camera : 32 / 32 (Depending on IP Camera)	Local (NVR) : 1 RCA / 1 RCA + 2 HDMI IP Camera : 16 / 16 (Depending on IP Camera)
Alarm In / Out	Local (NVR) : 16 / 4 IP Camera : 32 / 32 (Depending on IP Camera)	Local (NVR) : 16 / 4 IP Camera : 32 / 32 (Depending on IP Camera)	Local(NVR) : 16 / 4 IP Camera : 16 / 16 (Depending on IP Camera)
Alarm Reset In	1		
Serial Interface	RS232 (Terminal Block), RS485 (Terminal Block)		
USB	USB 2.0 x 2, USB 3.0 x 1		
GENERAL			
Operating System	Embedded Linux		
Dimensions (W x H x D)	482.6 mm x 88 mm x 523.3 mm (19" x 3.5" x 20.6")		
Unit Weight	11.25 kg (24.8 lb) (with 2 HDDs)	12.63 kg (27.84 lb) (with 2 HDDs)	11.25 kg (24.8 lb) (with 2 HDDs)
Power Input	AC 100-240 V, 50/60Hz, 6.0 - 3.0 A	AC 100-240 V, 50/60 Hz, 8.0 - 4.0 A	100-240V~, 50/60Hz, 6.0 - 3.0 A
Power Consumption	100 - 240 V~, 50 / 60 Hz, 6.0-3.0 A, 130 W	100-240 V~, 50/60 Hz, 8.0-4.0 A, 100 W x 2	100-240 V~, 50/60 Hz, 6.0-3.0 A, 130 W
Approvals	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

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.







DR-6000 SERIES

	DR-6532P	DR-6516P	DR-6508P
Model Name			
VIDEO			
Video Inputs	32 IP Channels	16 IP Channels	8 IP Channels
Max. Incoming Throughput	370 Mbps	320 Mbps	270 Mbps
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF		
Video Outputs	2 HDMI		
Display Resolution	HDMI : 3840 x 2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200		
Display Speed	Up to 960ips	Up to 480ips	Up to 240ips
RECORDING			
Max. Throughput	230 Mbps, 960 ips @ UHD	180 Mbps, 480 ips @ UHD	140Mbps, 240ips @ UHD
Recording Resolution	Up to 12 MP (Depending on IP Camera)		
Compression	H.265, H.264		
Intelligent Codec	Supported		
Recording Mode	Time-lapse, Event, Pre-event, Panic		
PLAYBACK			
Performance	32 ch Synchronous Playback	16 ch Synchronous Playback	8 ch Synchronous Playback
Search Mode	Time-lapse, Event Log, Text-in		
STORAGE			
HDD	SATA x 6, eSATA x 4, RAID 1 Supported		
NETWORK			
Client Connection	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)		
Camera Power	PoE(IEEE 802.3 at Class 4) Supported 16 Ports, 120 W	PoE(IEEE 802.3at Class 4) Supported 16 Ports, 120 W	PoE(IEEE 802.3at Class 4) Supported 8 Ports, 120 W
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite		
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	1		
Serial Interface	RS 232 (Terminal Block), RS 485 (Terminal Block)		
USB	USB 2.0 x 2, USB 3.0 x 1		
GENERAL			
Operating System	Embedded Linux		
Dimensions (W x H x D)	430 mm x 88 mm x 412.8 mm (16.9" x 3.5" x 16.25")		
Unit Weight	6.75 kg (14.88 lb) (with 1HDD)		
Power Input	AC 100-240 V, 50/60 Hz, 3.0 - 1.5 A		
Power Consumption	100-240 V~, 50/60 Hz, 3.0-1.5 A, 250 W		
Approvals	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

	DR-2516P	DR-2508P	DR-2504P	DR-2504P-A
Model Name	 NDAA Compliant 4K ULTRA HD	 NDAA Compliant 4K ULTRA HD	 NDAA Compliant 4K ULTRA HD	 NDAA Compliant 4K ULTRA HD
VIDEO				
Video Inputs	16 IP Channels	8 IP Channels	4 IP channels	4 IP channels
Max. Incoming Throughput	320 Mbps	270 Mbps	160 Mbps	160 Mbps
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF			
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 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200			
Display Speed	Up to 480 ips	Up to 480 ips	Up to 120 ips	Up to 120ips
RECORDING				
Max. Throughput	180 Mbps, 480 ips@UHD	140 Mbps, 240 ips @ UHD	70 Mbps, 120 ips@UHD	70 Mbps, 120 ips@UHD
Recording Resolution	Up to 12 MP (Depending on IP Camera)			
Compression	H.265, H.264			
Intelligent Codec	Supported			
Recording Mode	Time-Lapse, Event, Pre-Event, Panic			
PLAYBACK				
Performance	16 ch Synchronous Playback	8 ch Synchronous Playback	4 ch Synchronous Playback	4 ch Synchronous Playback
Search Mode	Time-lapse, Event log, Text-in	Time-lapse, Event log, Text-in	Time-lapse, Event log, Text-in	Time-lapse, Event log, Text-in
STORAGE				
HDD	SATA x 2, eSATA x1	SATA x 2, eSATA x1	SATA x 2, eSATA x1	SATA x 2, eSATA x1, Raid 1 Supported
NETWORK				
Client Connection	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) x 1	Fast Ethernet (IP Camera) x 4	Fast Ethernet (IP Camera) x 4
Transmission Speed	50 Mbps / 100 Mbps (BRP Mode)			
Camera Power	PoE (IEEE 802.3 at Class 4) Supported 8 Ports, 50 W	PoE (IEEE 802.3 at Class 4) Supported 8 Ports, 50 W	PoE (IEEE 802.3 at class 4) Supported 4 ports, 30 W	PoE (IEEE 802.3 at class 4) Supported 4 ports, 30 W
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite			
INTERFACE				
Audio In / Out	Local (NVR) : - / 1RCA + 1HDMI IP Camera : 16 / 16 (Depending on IP Camera)	Local (NVR) : - / 1 RCA + 1 HDMI IP Camera : 8 / 8 (Depending on IP Camera)	Local(NVR) : - / 1RCA + 1 HDMI IP Camera : 4 / 4 (Depending on IP Camera)	Local (NVR) : - / 1 RCA + 1 HDMI 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)	Local (NVR) : 4 / 1 IP Camera : 4 / 4 (Depending on IP Camera)
Alarm Reset In	-			
Serial Interface	RS 232 (Terminal Block)			
USB	USB 2.0 x 1, USB 3.0 x 1			
GENERAL				
Operating System	Embedded Linux			
Dimensions (W x H x D)	300 mm x 62 mm x 231 mm (11.8" x 2.4" x 9.1")			
Unit Weight	2.3 kg (5.1 lb) (with 1 HDD)		2.2 kg (4.9 lb) (with 1 HDD)	
Power Input	DC 12 V 2.2 A (for NVR), DC48V 1.05 A (for PSE)	Fast Ethernet (IP Camera) x 8 +Gigabit Ethernet (Ext) x 1	DC 12 V 2.2 A (for NVR), DC 48 V 0.64 A (for PSE)	DC 12 V 2.2 A (for NVR), DC 48V 0.64 A (for PSE)
Power Consumption	NVR: 12 V=, 2.2 A, 26.4 W PSE: 48 V=, 1.05 A, 50.4 W MAX	NVR: 12V=, 2.2 A, 26.4 W PSE: 48 V=, 1.05 A, 50.4 W MAX	NVR: 12 V=, 2.2 A, 26.4 W PSE: 48 V=, 0.64 A, 30.72 W MAX	NVR: 12 V=, 2.2 A, 26.4 W PSE: 48 V=, 0.64 A, 30.72 W MAX
Approvals	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

IDIS COMPACT SOLUTION & SPECIALTY





(Server PC, Server Storage)

Quality Compact Solution
Packed with Essential and
Easy-To-Use Features

Quality Compact Solution Packed with Essential
and Easy-To-Use Features



DR-1000 SERIES

	NEW DR-1508P	NEW DR-1504P-A
Model Name	 	 
VIDEO		
Video Inputs	8 IP Channels	4 IP Channels
Max. Incoming Throughput	100Mbps	60 Mbps
Supported Camera	DirectIP	DirectIP
Video Outputs	1 HDMI, 1 VGA	1 HDMI, 1 VGA
Display Resolution	1920 x 1200 , 1920 x 1080, 1680 x 1050, 1600 x 1200	1920 x 1200 , 1920 x 1080, 1680 x 1050, 1600 x 1200
Display Speed	Up to 240ips	Up to 120ips
RECORDING		
Max. Throughput	40 Mbps, 240 ips@8MP	20 Mbps, 120 ips@8 MP
Recording Resolution	Up to 8MP (Depending on IP Camera)	
Compression	H.265, H.264	
Intelligent Codec	Supported	
Recording Mode	Time-lapse, Event, Pre-event, Panic	
PLAYBACK		
Performance	4 ch Full HD Synchronous Playback	
Search Mode	Time-lapse, Event Log	Time-lapse, Event Log
STORAGE		
HDD	SATA x1, (Up to 4 TB Capacity, 3.5")	SATA x1, (Up to 2 TB Capacity, 3.5")
NETWORK		
Client Connection	Fast Ethernet (Client) x 1	
Video In Connection	Fast Ethernet (IP Camera) x8	Fast Ethernet (IP Camera) x4
Transmission Speed	20 Mbps	20 Mbps
Camera Power	PoE (IEEE 802.3 at Class 4) Supported 8 Ports, 50 W	PoE (IEEE 802.3at Class 4) Supported 4 Ports, 30 W
Client Viewer	IDIS Center, IDIS Mobile, IDIS Solution Suite, IDIS Web(web.idisglobal.com only)	
INTERFACE		
Audio In / Out	-	
Alarm In / Out	-	
Alarm Reset In	-	
Serial Interface	-	
USB	USB 2.0 x 2	
GENERAL		
Operating System	Embedded Linux	
Dimensions (W x H x D)	205mm x 44.5mm x 216.4mm (8.07" x 1.75" x 8.52")	
Unit Weight	1.2kg (2.65 lb) (with 1 HDD)	
Power Input	NVR Adaptor (Input : 100-240V~, 50/60Hz, 2A, Output : 56V , 1.28A) - In countries using 200-240V such as UK NVR Adaptor (Input : 100-240V~, 50/60Hz, 1.2A, Output : 54V , 1.67A) - In countries using 100-127V such as US	NVR Adaptor (Input : 100-240V~, 50/60Hz, 1.2A, Output : 48V , 1.0A)
Power Consumption	54-56V=, 1.28-1.24A, 69W MAX	NVR: 48V , 0.85A, Max. 40.8W / PSE : Max. 30W
Approvals	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

Preinstalled VMS with IDIS Workstation

NEW

IR-310D

NDAA
Compliant

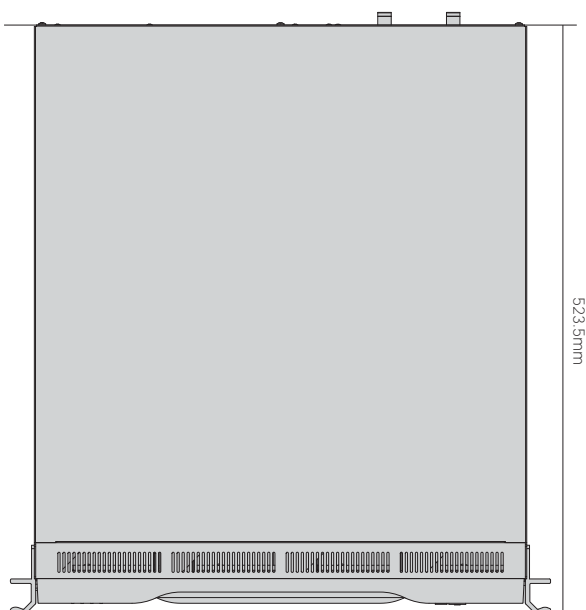
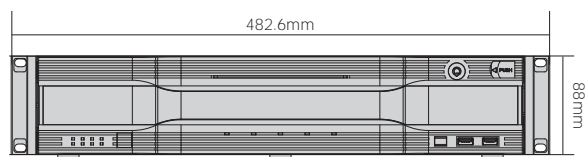
IDIS SOLUTION
SUITE®



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.

- Pre-installed with IDIS Solution Suite VMS
- 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 TVR, DirectIP NVR, and encoders
- 2U rack mount chassis
- Supports H.264, H.265 compression, and Intelligent Codec
- Supports Onvif Profile S, Axis, Panasonic, etc.

DIMENSIONS



SPECIFICATIONS

		IR-310D
SYSTEM	IDIS Solution Suite	Compatible with Expert and Federation Version 3.6.0 or Higher
	Network Connection	2 GbE RJ-45 Ports (1000Base-T)
	Recording Data Rate	Up to 400Mbps
	Number of Cameras	64Ch Recommended
	Hard Disk Drive Configuration	8 SATA + 3 eSATA RAID 1, 5, 10 Supported
	SSD	240G SSD for Operating System (M.2 type)
	Operating System	Microsoft® Windows 10 IoT Enterprise
	Processor	Intel® i5-10500, 3.1GHz
	Memory	DDR4 PC-21300, 16GB
	Video Outputs	2 HDMI
	USB	6 (2 Front USB 2.0 + 4 Back (3 USB 3.0 TYPE-A + 1 TYPE-C)
	RS-232	-
	Optical Drive	-
MECHANICAL	Form Factor	2U RACK Mount Chassis
	Dimensions (W x D x H)	482.6mm x 88mm x 523.5mm (19" x 3.5" x 20.6")
	Weight	12.6kg (27.8 lbs)
ELECTRICAL	Power Input	AC 100-240V~, 50/60 Hz, 6.0 - 3.0A (Redundant)
	Power Supply	Dual Power (REDUNDANT SMPS)
	Power Consumption	120W x 2
ENVIRONMENTAL	Operating Temperature	0°C to 40°C (32°F to 104°F)
	Operating Humidity	0% to 90%
ACCESSORIES SUPPLIED	Power Cord	2
GENERAL	Approvals	FCC, CE, CB, UL, PSE, KC

ENTERPRISE NETWORK VIDEO RECORDERS

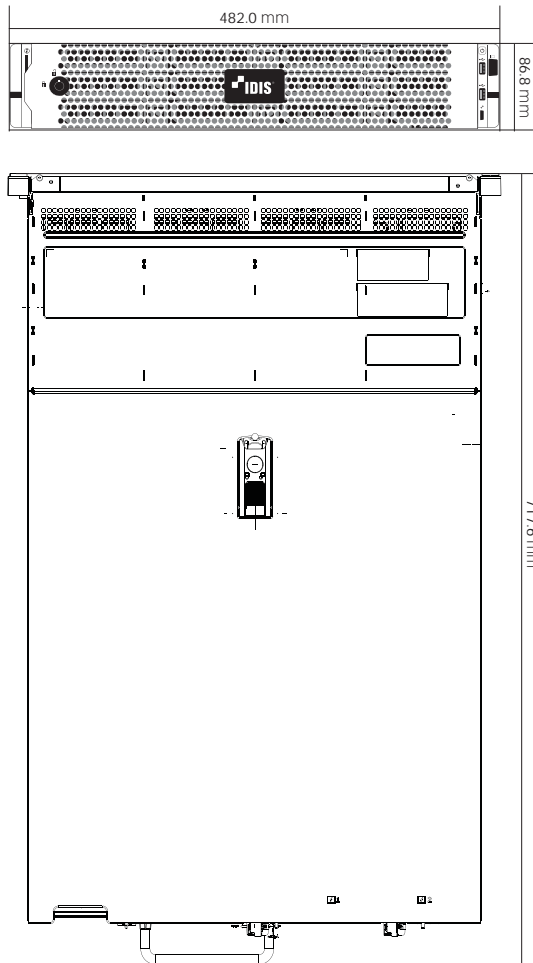
Server PC Preinstalled with VMS

IR-1100 | **NDA** Compliant | **IDIS** SOLUTION SUITE[®]



- 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
 - * Estimated performance based on NLSAS HDD measurements
- Redundant power for mission-critical reliability
- Complete compatibility with IDIS components: IP cameras, analog DVR, DirectCX TVR, DirectIP NVR, and encoders
- Equipped with RAID 5, RAID 6 recording, hot swappable disk drives
- 2U rack mount chassis with sliding rails and cable management arm for ease of access
- Supports H.264, H.265 compression, and Intelligent Codec
- Supports Onvif Profile S, Axis, Panasonic, etc.

DIMENSIONS



SPECIFICATIONS

IR-1100		
SYSTEM	IDIS Solution Suite	Compatible with Expert and Federation Version 3.6.0 or Higher
	Network Connection	4 GbE RJ-45 Ports (1000Base-T)
	Recording Data Rate	Up to 1,024 Mbps (128MBps, NLSAS HDD)
	Number of Cameras	Up to 256
	Recording Storage	8 Bay
	Hard Disk Drive Configuration	Up to 8 x Large Form Factor NLSAS Hard Disk Drives, Hot-swappable, RAID 5, RAID 6
	Operating System	Microsoft® Embedded Windows Server 2016
	Processor	Intel® Xeon® Processor silver 4210 2.2 G, 10 C/20 T
	Memory	8 GB RAM (1 x 8 GB DDR 4-2666 MT/s RDIMM)
	Video Outputs	1 VGA
MECHANICAL	Form Factor	2U Rack Mount Chassis
	Dimensions (W x H x D)	482.0 mm x 717.6 mm x 86.8 mm (18.97" x 27.71" x 3.41")
ELECTRICAL	Weight	34.5 kg (76 lb)
	Power Input	100-240 V AC, 50/60 Hz
ENVIRONMENTAL	Power Supply	Redundant, Hot Swappable
	Power Consumption	750 W
	Operating Temperature	10° to 35°C (50° to 95°F)
	Storage Temperature	-40° to 65°C (-40° to 149°F)
	Operating Humidity	10 % to 80 % Relative Humidity
	Non-operating Humidity	5 % to 95 % Relative Humidity, 38.7°C (101.7°F) Maximum Wet Bulb Temperature, Non-condensing
	Operating Vibration	0.26 Grms at 5 Hz to 350 Hz
	Storage Vibration	1.88 Grms at 10 Hz to 500 Hz for 15 min
	Operating Shock	Six consecutively executed shock pulses in the positive and negative x, y, and z axes of 6 G for up to 11ms
	Storage Shock	Six consecutively executed shock pulses in the positive and negative x, y, and z axes (one pulse on each side of the system) of 71 G for up to 2 ms
ACCESSORIES SUPPLIED	Operating Altitude	3,048 m (10,000 ft)
	Storage Altitude	12,000 m (39,370 ft)
	Rack Mount Kit	Sliding rail system with cable management arm. Supports: • Tool-less mounting in 19"-wide EIA-310-E compliant square hole and unthreaded round-hole 4-post racks • Tooling mounting in threaded hole 4-post racks
	Cable Management Arm	Yes
APPROVALS	Rack Bezel	1, Front
	Power Cord	1
	Emissions Classification (EMC)	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
	Directives	RoHS, Reach(SVHC), WEEE

ORDERING INFORMATION

Part Number	Description
IR-1100-16TB WS12 DP	IDIS Enterprise NVR, 16TB, RAID5 / Redundant Power Supply with Microsoft Windows Server 2016 and IDIS Solution Suite Expert
IR-1100-32TB WS12 DP	IDIS Enterprise NVR, 32TB, RAID5 / Redundant Power Supply with Microsoft Windows Server 2016 and IDIS Solution Suite Expert
IR-1100-48TB WS12 DP	IDIS Enterprise NVR, 48TB, RAID5 / Redundant Power Supply with Microsoft Windows Server 2016 and IDIS Solution Suite Expert

ENTERPRISE SERVER STORAGE

Server Storage with the IR-1100

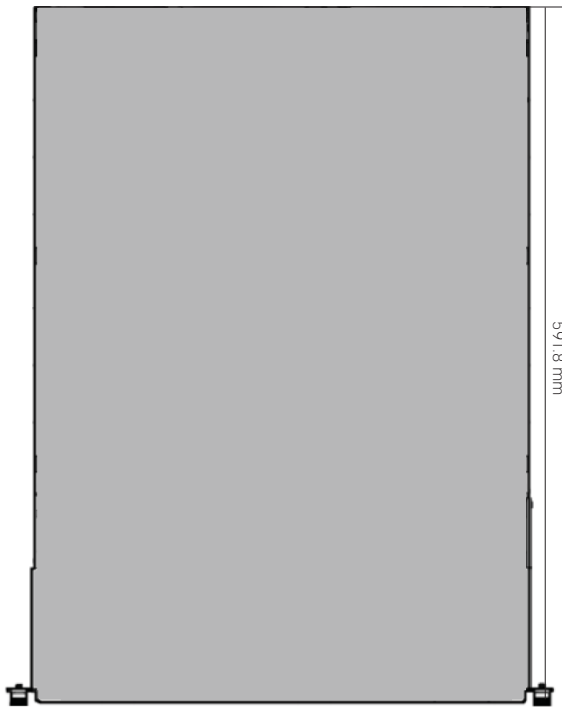
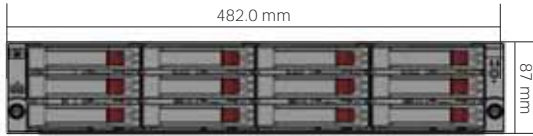
IS-1100



Expanding the storage of an IDIS Enterprise network video recorder (NVR) provides greater flexibility to increase storage capacity in a world-class security solution. Hot-swappable disk drives, power supplies, and cooling guarantee a system that runs without recording disruption. Pre-failure alerts generated by extensive fault prediction capabilities minimize a risk of failure in an IDIS enterprise security system. Storage capacity can be easily increased up to eight expansion storage units or 96 drives, without IT expertise. Flexibility to mix and match SAS and SATA drives in the same enclosure provides more drive options for storage expansion.

- 12Gbps SAS offering unmatched I/O performance
- Support to mix and match NL-SAS, SAS and SSD drives
- RAID levels : 0, 1, 5, 6, 10, 50, 60
- Hot-swappable drives, fans and power supplies

DIMENSIONS



SPECIFICATIONS

IS-1100		
SYSTEM	Hard Disk Drive Configuration	Up to 12 x 3.5" SATA
	Recording Storage Capacity	Up to 72TB Raw, 60TB Effective (RAID6), 66TB Effective (RAID 5)
	Interface to IR-1000	Ipass (Mini-SAS), Two (One in, Other is out)
	Expansion capabilities	Up to 8 Expansion Storage
MECHANICAL	Form Factor	2U Rack Mount Chassis
	Dimensions (W x H x D)	482.0 mm x 591.8 mm X 87.0 mm (19.98" x 23.3" x 3.43")
	Weight	Max 28.4 kg (62.6 lb)
ELECTRICAL	Power Input	100-240V AC, 50/60Hz
	Power Supply	Redundant, Hot Swappable
	Power Consumption	600 W
ENVIRONMENTAL	Operating Temperature	10°C to 35°C (50°F to 95°F)
	Storage Temperature	-40° to 65°C (-40° to 149°F)
	Operating Humidity	8% to 85% Relative humidity
	Non-operating Humidity	5% to 95% Relative humidity
	Operating Altitude	-16 to 3,048 m (-50 to 10,000 ft)
Storage Altitude	-16 to 10,600 m (-50 to 35,000 ft)	
ACCESSORIES SUPPLIED	Rack Rail System	Sliding rail system with cable management arm. Supports: • Tool-less mounting in 19"-wide EIA-310-E compliant square hole and unthreaded round-hole 4-post racks • Tooled mounting in threaded hole 4-post racks
	Cable Management Arm	Yes
	Rack Bezel	No
	Power Cord	1
APPROVALS	Emissions Classification	FCC Rating Class A
	(EMC)	CISPR 22, EN55022, EN55024, FCC CFR 47, Pt 15, ICES-003, CvNS14336-1, CNS13438, GB4943, GB9254, EN 61000-3-2, EN61000-3-3
	Directives	RoHS, Reach (SVHC), WEEE

ORDERING INFORMATION

Part Number	Description
IS-1000-EXE1-CNTR	Controller Card for Connecting Storage Expansion to an IDIS Enterprise NVR
IS-1000-EXE1-3TB-RD5	3 TB / SAS Cable
IS-1000-EXE1-48TB-RD5	48 TB RAID 5 Expansion / SAS Cable
IS-1000-EXE1-48TB-RD6	48 TB RAID 6 Expansion / SAS Cable
IS-1000-EXE1-72TB-RD5	72 TB RAID 5 Expansion / SAS Cable
IS-1000-EXE1-72TB-RD6	72 TB RAID 6 Expansion / SAS Cable
IS-1000-EXE1-3Y WTY 24HR	3 Year 24/7 Full Care Service

IDIS AI SOLUTION

(AI in the Box)

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 at with up to 98% accurate alarms and notifications.



Increase security and efficiency with highly accurate IDIS Deep Learning Analytics

The IDIS Deep Learning Engine is an artificial neural network that acts like the human brain, learning from experience. Out-performing human capabilities, it can analyze vast amounts of data points taken from video footage across single or multiple cameras, covering an area, a site, or multiple facilities simultaneously. This allows it to first detect and then identify an event or threat, while filtering out false alarms.





Human 99%
Human 99%
Human 99%






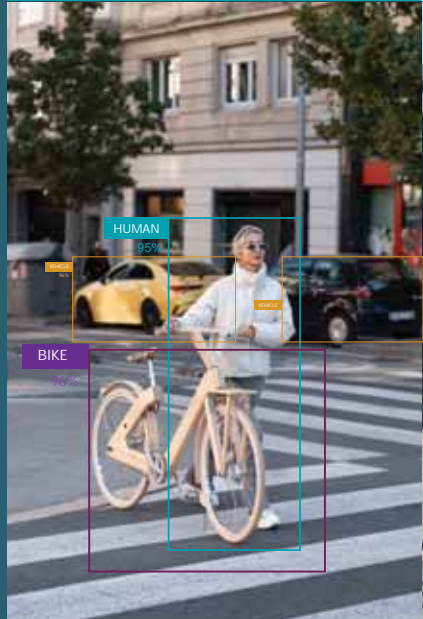

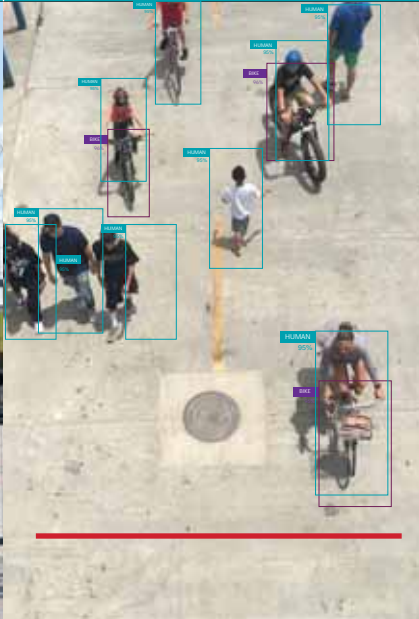

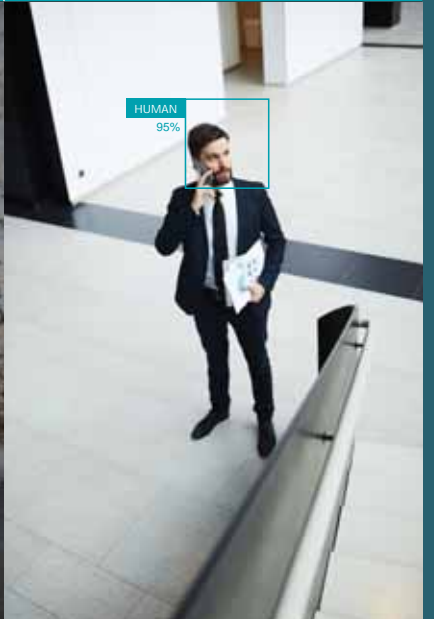
Human 99%
BIKE 99%
BIKE 99%

Human 99%
BIKE 99%
Human 99%
BIKE 99%

IDIS AI Solutions

Video Surveillance

Essential AI-powered functionality that delivers real-time accurate alerts

				
Object Detection	Intrusion	Line Crossing	Loitering	Face Detection
				

AI IN THE BOX WITH IDIS SOLUTION SUITE



NEW

DV-3200

NDAA
Compliant

IDIS SOLUTION
SUITE®

Enterprise-class AI in the Box Server

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

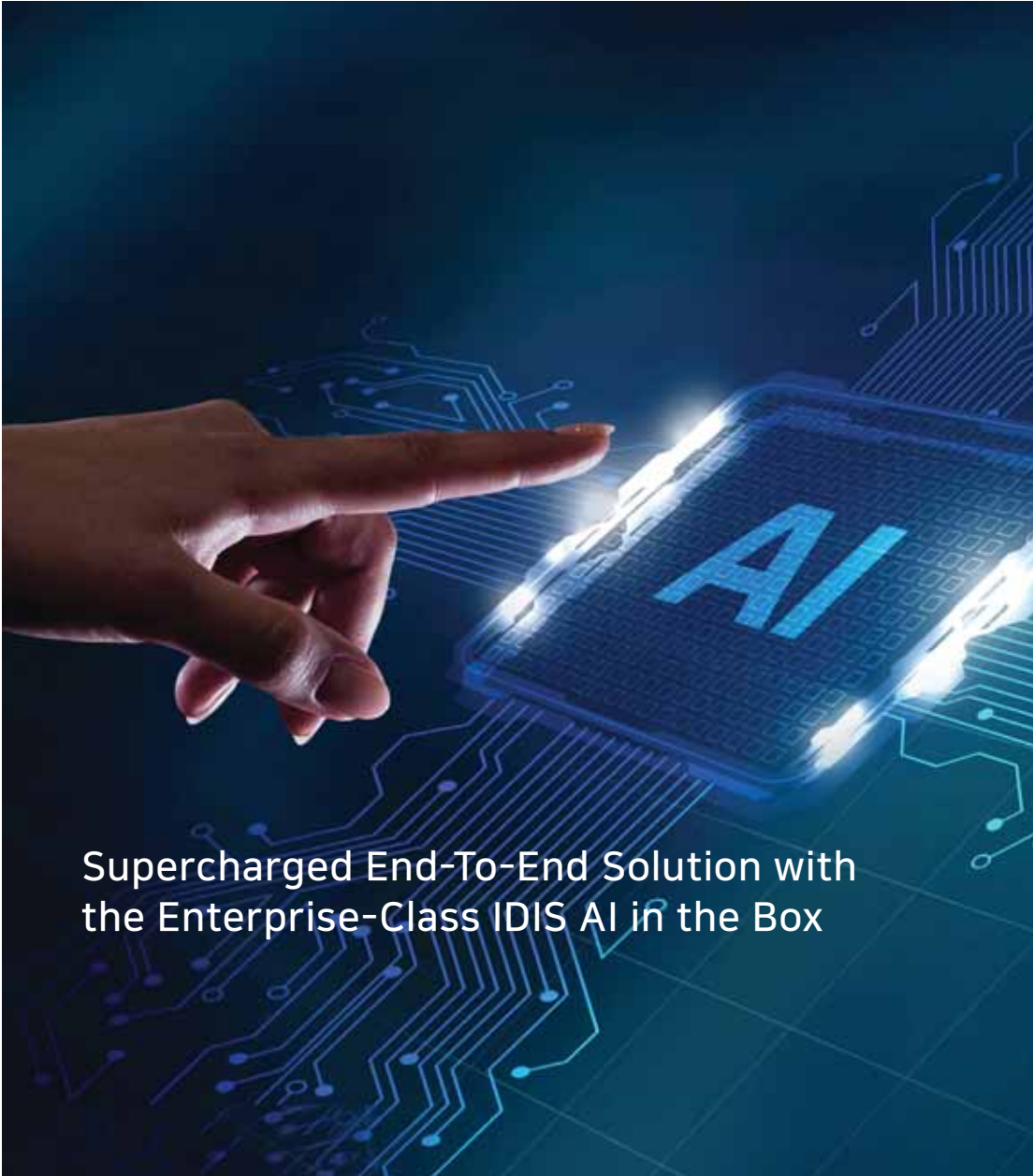


IDIS Deep Learning Analytics (IDLA)

Powered by the
IDIS Deep Learning Engine

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





NEW DV-3200	
SYSTEM	
IDIS Solution Suite	Compatible with IDLA VA Service
Network Connection	2 GbE RJ-45 Ports (1000Base-T)
Channels available for Analytics	Up to 64 ch in condition of 640 x 360@5 ips video input
IDLA Processing Unit	NVIDIA A2000, 12 GB
Operating System	Microsoft® Windows 10 lot Enterprise
Processor	Intel® I5-10500, 3.1GHz
Memory	DDR4 PC-25600, 16 GB
Video Outputs	2 HDMI
USB	6 (2 Front USB 2.0 + 4 Back (3 USB 3.0 TYPE-A + 1 TYPE-C)
MECHANICAL	
Form Factor	2U RACK Mount Chassis
Unit Dimensions (W x D x H)	482.6 mm x 88 mm x 523.5 mm (19" x 3.5" x 20.6")
Unit Weight	11.8 kg (26.0 lbs)
ELECTRICAL	
Power Input	100-240 V~, 50/60 Hz, 6.0 - 3.0 A
Power Supply	Single Power
Power Consumption	270 W
ENVIRONMENTAL	
Operating Temperature	0° to 40°C (32° to 104°F)
Operating Humidity	0% to 90 %
ACCESSORIES SUPPLIED	
Power Cord	1
GENERAL	
Approvals	FCC, CE, CB, UL, KC



AI IN THE BOX

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

NEW

DV-1304

NDA
Compliant

Stay Competitive with Affordable Store and Customer Intelligence

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

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



COVID-19 Compliance



Social Distancing Violation Detection



Crowd Detection



Face Mask Detection



People Counting Occupancy Monitoring

Business Intelligence



People Counting Count, Track and Analyze

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



Queue Management Line Management and Analysis

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



Heat Map Visualize Visitor Footfall and Behavior

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

NEW DV-1304	
	
Key Features	<ul style="list-style-type: none"> Powered by the most advanced IDIS Deep-Learning Analytics (IDLA) 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 A specialized NDAA-Compliant DirectIP NVR Supports 4-ch IP cameras
SYSTEM	
Video Compression	H.264, H.265
Video Inputs	4 ch IP
Supported Device	DirectIP NVR
Network Connection	Gigabit Ethernet x 1 (1000Base-T) with PD 100 M Ethernet x 1 (100Base-TX) with PSE (PSE need Adaptor)
VA Support	People Counting Occupancy Control Queue Monitoring Heatmap Social Distancing Violation Mask Rule Violation
MECHANICAL	
Unit Dimension (W x H x D)	200 mm x 44 mm x 152.3 mm (7.9" x 1.7" x 6.0")
Unit Weight	0.9 kg (2.0 lb)
ENVIRONMENTAL	
Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Humidity	0% to 90 %
ELECTRICAL	
Power Input	48 V=, PoE
Power Supply	ADAPTOR (INPUT : 100-240 V~, 50/60 Hz, 1.2 A, OUTPUT : 48 V=, 1.0 A)
Power Consumption	48 V=, 0.8 A, 38.4 W PoE, IEEE 802.3 at(Class 4), 25 W DC OUTPUT : 48 V=, 0.35 A MAX
GENERAL	
Approvals	FCC, CE, KC

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



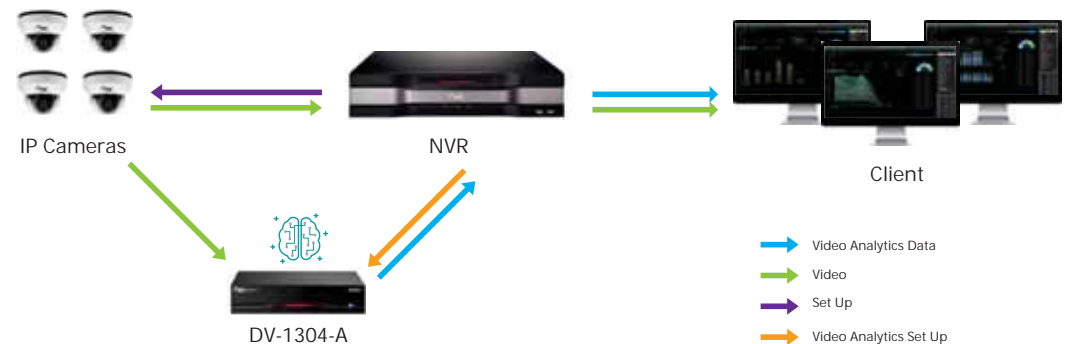
NEW

DV-1304-A | **NDA
Compliant**

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 appliance 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 develop AI engine (IDIS Deep Learning Engine)

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



Free yet feature-rich video management

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



Low Total Cost of Ownership

No upfront or recurring licenses


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

Empower your existing cameras

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

Proactive monitoring and less human error

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

NEW! DV-1304-A	
	
Video	
Video Inputs	4 ch IP
Supported Device	DirectIP NVR
VA Support	Object Detection, Intrusion, Loitering, Line Crossing, Face Detection
Network	
Video Compression	H.265, H.264
Network Connection	100 M Ethernet x 1 (100Base-TX) with PD 100 M Ethernet x 1 (100Base-TX) with PSE (PSE need Adaptor)
Environmental	
Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Humidity	0% to 90 %
Electrical	
Power Input	48 V=, PoE
Power Supply	ADAPTOR (INPUT : 100-240 V~, 50/60 Hz, 1.2 A, OUTPUT : 48 V=, 1.0 A)
Power Consumption	48 V=, 0.8 A, 38.4 W PoE, IEEE 802.3 at(Class 4), 25 W DC OUTPUT : 48 V=, 0.35 A MAX
Mechanical	
Unit Dimension (W x H x D)	200 mm x 44 mm x 157.6 mm (7.9" x 1.7" x 6.2")
Unit Weight	0.88 kg (1.94 lb)
General	
Approvals	FCC, CE, KC

NETWORK CAMERAS

Quadruple video streaming for real-time IP surveillance







DirectIP network cameras provide high-resolution image quality using a megapixel image sensor and seamless images by quadruple multimedia data streaming technology. Once you install and connect DirectIP network cameras and NVRs, the system will automatically display live video without any configuration. With a wide range of cameras available, you can find a network camera to meet your surveillance and application needs.

IDIS Edge AI Camera


5MP AI



BOX CAMERAS

	5MP	2MP	3MP
Model Name	DC-B4501X	DC-B6206XL	DC-B3303X
	 	  <p>IDIS LightMaster</p>	 
Image Sensor	1/2.8" CMOS	1/2" CMOS	1/2.8" CMOS
Max. Resolution	2592 x 1944	1920 x 1080	2048x1536
Lens Type	Optional (C/CS Mount)	Optional (C/CS mount)	Optional (C/CS mount)
Iris Control	P-IRIS / DC Auto IRIS / Manual IRIS	P-iris / DC Auto Iris / Manual Iris	P-iris / DC Auto Iris / Manual Iris
Min. Illumination	Color Mode : 0.15 Lux @F1.6 BW Mode : 0.015 Lux @F1.6	Color Mode : 0.02 lux @F1.5 BW Mode : 0.002 lux @F1.5	Color Mode : 0.1 lux @F1.2 BW Mode : 0.01lux @F1.2
Dynamic Range	120 dB (True WDR)	120 dB (True WDR)	120dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)
Image Stabilizer	-	-	-
De-fog	-	-	Yes
Video Out	-	-	1 RCA
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	Supported	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	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	4:3 mode : 30 ips : 2592 x 1944 (WDR) 16:9 mode : 30 ips : 2592 x 1456 (WDR)	30 ips : 1920 x 1080 (WDR)	30ips : 2048x1536 (WDR)
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100/1000 BASE-T)
Recording Session Buffer (NLTSec)	Yes (Up to 60MB)	Yes (Up to 60 MB)	Yes (Up to 40MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)
Trigger Event	Motion Detection Alarm In Audio Detection Tampering Trip Zone	Motion Detection Alarm In Audio Detection Tampering Trip Zone	Motion Detection Alarm In Audio detection Tampering Trip Zone
Audio In / Out	1(Built In MIC) + 1 / 1	1(Built In MIC)+1 / 1	1(Built In MIC)+1 / 1
Alarm In / Out	2/2	2/2	1/1
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)	-10°C ~ +50°C (+14°F ~ +122°F) *Starting up at above 0°C (32°F)
Dimensions (W x H x D)	78 mm x 63.5 mm x 150.1mm (3.07" x 2.5" x 5.91")	78mm x 63.5mm x 142.5mm (3.07" x 2.5" x 5.61")	75.6mm x 61mm x 129.3mm (2.98" x 2.4" x 5.09")
Weight	0.3 kg (0.661 lb)	0.4 kg (0.89 lb)	0.4 kg (0.89 lb)
Power Source	12 VDC, PoE IEEE 802.3af (Class 2)	12VDC, PoE IEEE 802.3af (Class 2)	12VDC, PoE IEEE 802.3af (Class 3)
Power Consumption	12 V=, 0.5 A, 6 W PoE, IEEE 802.3 af(Class 2) 5.6 W	12 V=, 0.43 A, 5.16 W PoE, IEEE 802.3 af(Class 2), 5 W	12V=, 0.5A, 6W PoE, IEEE 802.3af(Class 3)
Approval	FCC, CE, KC	FCC, CE, KC, UL	FCC, CE, KC, UL

LENS

LENS	
DCL-M2880P	
Model Name	
Specification	Vari-focal P-Iris 3 MP IR
Imager Size	1/3" (Applicable for 1/2.7, 1/2.8)
Mount Type	CS
Focal Length	2.8 ~ 8 mm
Aperture Range	F/1.2 ~ Close
Field of View	Wide 100.1°(H) x 72.9°(V) Tele 35.8°(H) x 26.8°(V)
M.O.D.	0.3 m
Iris Control	P-Iris
Dimension	Ø43.2 x 55.78 mm
Flange Back Length	12.5 mm
Weight	68 g
Operating Temperature	-20°C ~ 60°C

IDIS LightMaster

2M LightMaster Box Camera











NDA
Compliant











DOME CAMERAS

Model Name	MFZ, 8MP	FIXED, 8MP	MFZ, 5MP		FIXED, 5MP
	DC-D4831HRX	DC-D4811WRX(3.3mm)	DC-D4536HRX	DC-D4536RX	DC-D4516WRX (2.8mm/4.0mm)
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	3840 x 2160	3840 x 2160	2592 x 1944	2592 x 1944	2592 x 1944
Lens Type	Motorized Vari-focal	Fixed-focal	Motorized Vari-focal	Motorized Vari-focal	Fixed-focal
Focal Length	f = 2.7-13.5 mm	f = 3.3 mm	f = 3.0 -13.5 mm	f = 3.0 -13.5 mm	f = 2.8 mm , 4.0 mm
Aperture	F1.8 - 3.32	F2.0 (3.3 mm)	F1.4 - 3.2	F1.4 - 3.2	F2.0 (2.8 mm) , F2.15 (4.0 mm)
Iris Control	DC Iris	Fixed Iris	DC Iris	DC Iris	Fixed 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)	101.3° (H) 54.5°(V) 119.7°(D) (f = 3.3 mm)	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)	104.8° (H) 76.9°(V) 130°(D) (f = 2.8 mm) 79.2° (H) 56.6°(V) 103°(D) (f = 4.0 mm)
Pan / Tilt Range	Pan: -175° ~ 175° Tilt: 0° ~ 64° Rotate: -177° ~ 177°	Pan: -170° ~ 170° Tilt: -5° ~ 67.5° Rotate: -109° ~ 109°	Pan: -175° ~ 175° Tilt: 0° ~ 67° Rotate: -177° ~ 177°	Pan: -175° ~ 175° Tilt: 0° ~ 67° Rotate: -177° ~ 177°	Pan: -170° ~ 170° Tilt: -5° ~ 67.5° Rotate: -109° ~ 109°
Min. Illumination	Color : 0.2 Lux @ F 1.8 B/W : 0 Lux (IR LED On)	Color : 0.2 Lux @ F 2.0 B/W : 0 Lux (IR LED On)	Color : 0.15 Lux @ F 1.4 B/W : 0 Lux (IR LED On)	Color : 0.15 Lux @ F1.4 B/W : 0 Lux (IR LED On)	Color : 0.15 Lux @ F2.0 / B/W : 0 Lux (IR LED On) (f = 2.8 mm) Color : 0.15Lux @ F2.15 / B/W : 0 Lux (IR LED On) (f = 4.0 mm)
Dynamic Range	120 dB (True WDR)	120 dB (True WDR)	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	40 m / 131.2 ft (6 ea)	30 m / 98.4 ft (4 ea)	30 m / 98.4 ft (4 ea)	30 m/98.4ft (6ea)	30 m / 98.4 ft (4ea)
Image Stabilizer	-	-	-	-	-
De-fog	-	-	-	-	-
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	H.265, H.264 (MP) M-JPEG
Intelligent Codec	Supported	Supported	Supported	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	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)	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 : 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)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTsrec)	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60 MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)
Trigger Event	Motion Detection Alarm in Audio detection Tampering Trip Zone	Motion Detection Alarm in Audio detection Tampering Trip Zone	Motion Detection Alarm in Audio detection Tampering Trip Zone	Motion Detection Alarm in Audio detection Tampering Trip Zone	Motion Detection Alarm in Audio detection Tampering Trip Zone
Audio In / Out	1 / 1	1 / 1	1 / 1	1 (Built in MIC)+1 / 1	1 / 1
Alarm In / Out	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Vandal Proof Casing	IK10	IK10	IK10	-	IK10
Outdoor Ready	IP67, Heater	IP67	IP67, Heater	-	IP67
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)	-20°C ~ +55°C (-22°F ~ +131°F) *Starting up at above 0°C (32°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)	-30°C ~ +55°C (-22°F ~ +131°F) *Starting up at above 0°C (32°F)
Dimensions (W x H x D)	Ø155 x 104.4 mm (Ø6.10" x 4.09")	Ø120.6 x 92.9 mm (Ø4.72" x 3.66")	Ø155 mm x 104.4 mm (Ø6.10" x 4.09")	Ø122.4 mm x 103.4 mm (Ø4.8" x 4.5")	Ø120.6 mm x 92.9 mm (Ø4.72" x 3.66")
Weight	1.02 kg (2.25 lb)	0.48 kg (1.06 lb)	1 kg (2.20 lb)	0.4 kg (0.88 lb)	0.48 kg (1.06 lb)
Power Source	12VDC, PoE IEEE 802.3af (Class 3)	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=, 1.2A, 14.4W PoE, IEEE 802.3af Class 3, 12.4W	PoE, (IEEE 802.3af Class 3), 9.0W	12V=, 1.1A, 13.2W PoE, IEEE 802.3af(Class 3), 11W	12V=, 1A, 12W PoE, IEEE 802.3af(Class 3), 9.5W	PoE, (IEEE 802.3af Class 3), 7.6W

DOME CAMERAS

Model Name	MFZ, 2MP, EdgeVA				
	DC-D6233HRXL	DC-D6233HRX	DC-D6233FRX	DC-D6243HRX	DC-D6233RX
	  IDIS LightMaster	  IDIS LightMaster	  IDIS LightMaster	  IDIS LightMaster	  IDIS LightMaster
Image Sensor	1/1.9" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Lens Type	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal
Focal Length	f = 4.4 - 10 mm	f = 2.8 - 12 mm	f = 2.8 - 12 mm	f = 7 - 22 mm	f = 2.8 - 12 mm
Aperture	F1.2 - 1.95	F1.6 - 2.7	F1.6 - 2.7	F1.4 - 2.8	F1.6 - 2.7
Iris Control	P-Iris	P-Iris	P-Iris	P-Iris	P-Iris
Angular Field of View	Wide: 91.5° (H), 48.4° (V), 109° (D) Tele: 43.4° (H), 24.2° (V), 49.9° (D)	Wide: 98° (H), 52° (V), 116° (D) Tele: 33° (H), 18.5° (V), 37.9° (D)	Wide: 98° (H), 52° (V), 116° (D) Tele: 33° (H), 18.5° (V), 37.9° (D)	Wide: 40° (H), 22° (V), 47° (D) Tele: 16° (H), 9° (V), 18° (D)	Wide: 98° (H), 52° (V), 116° (D) Tele: 33° (H), 18.5° (V), 37.9° (D)
Pan / Tilt Range	Pan: -176° ~ 176° Tilt: 0° ~ 66° Rotate: -90° ~ 90°	Pan: -176° ~ 176° Tilt: 0° ~ 66° Rotate: -90° ~ 90°	Pan: -176° ~ 176° Tilt: 0° ~ 66° Rotate: -90° ~ 90°	Pan: -176° ~ 176° Tilt: 0° ~ 66° Rotate: -90° ~ 90°	Pan: -176° ~ 176° Tilt: 0° ~ 66° Rotate: -90° ~ 90°
Min. Illumination	Color: 0.01 Lux @ F1.2 B/W: 0 Lux (IR LED On)	Color: 0.1 Lux @ F1.6 B/W: 0 Lux (IR LED On)	Color: 0.1 Lux @ F1.6 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)	120dB (True WDR)
Day and Night	IR Cut Filter with Auto Switch	IR Cut Filter with Auto Switch	IR Cut Filter with Auto Switch	IR Cut Filter with Auto Switch	IR Cut Filter with Auto Switch
IR Distance (LEDs)	30 m / 98.4 ft (6ea)	30 m / 98.4 ft (6ea)	20 m / 65.6 ft (4ea)	30 m / 98.4 ft (6ea)	20 m / 65.6 ft (6ea)
Image Stabilizer	-	-	-	-	-
De-fog	Yes	Yes	Yes	Yes	Yes
Video Out	1 BNC (Accessory)	1 BNC (Accessory)	1 BNC (Accessory)	1 BNC (Accessory)	1 BNC (Accessory)
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	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Supported	Supported	Supported	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	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	30fps: 1920 x 1080 (WDR)	30fps: 1920 x 1080 (WDR)	30fps: 1920 x 1080 (WDR)	30fps: 1920 x 1080 (WDR)	30fps: 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)
Recording Session Buffer	Yes (Up to 60MB)	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 256GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
Trigger Event	Motion Detection Alarm in Audio Detection Tampering Trip Zone Line Cross Loitering Object Detection	Motion Detection Alarm in Audio Detection Tampering Trip Zone Line Cross Loitering Object Detection	Motion Detection Alarm in Audio Detection Tampering Trip Zone Line Cross Loitering Object Detection	Motion Detection Alarm in Audio Detection Tampering Trip Zone Line Cross Loitering Object Detection	Motion Detection Alarm in Audio Detection Tampering Trip Zone Line Cross Loitering Object Detection
Audio In / Out	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Alarm In / Out	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Vandal Resistance	IK10	IK10	-	IK10	-
Outdoor Ready	IP67, Heater	IP67, Heater	-	IP67, Heater	-
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)	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)	-40°C ~ +60°C (+40°F ~ +140°F) *Starting Up at Above -20°C (-4°F)	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)
Dimensions (W x H x D)	Ø160 mm x 128.5 mm (Ø6.30" x 5.06")	Ø160 mm x 116.5 mm (Ø6.30" x 4.59")	Ø174 mm x 122.4 mm (Ø6.85" x 4.82") surface: Ø174 mm x 70.7 mm (Ø6.85" x 2.78")	Ø160 mm x 128.5 mm (Ø6.30" x 5.06")	Ø140 mm x 108 mm (Ø5.5" x 4.25")
Weight	1.21kg (2.66 lb)	1.21 kg (2.66 lb)	0.72 kg (1.58 lb)	1.21 kg (2.66 lb)	0.49 kg (1.08 lb)
Power Source	12VDC, PoE IEEE 802.3af (Class 3)	12VDC, PoE IEEE 802.3af (Class 3)	12VDC, PoE IEEE 802.3af (Class 3)	12VDC, PoE IEEE 802.3af (Class 3)	12VDC, PoE IEEE 802.3af (Class 3)
Power Consumption	12V = 0.97A, 11.6W PoE, IEEE 802.3af (Class 3)	12V = 0.82A, 9.84W PoE, IEEE 802.3af (Class 3)	12V = 0.62A, 7.4W PoE, IEEE 802.3af (Class 3)	12V = 0.82A, 9.84W PoE, IEEE 802.3af (Class 3)	12V = 0.61A, 7.32W PoE, IEEE 802.3af (Class 3)

DOME CAMERAS

	MFZ, 2MP			
Model Name	DC-D4236HRX	DC-D4236WRX	DC-D4236RX	DC-D3233HRXL
	 	 	 	  IDIS LightMaster
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/1.9" CMOS
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Lens Type	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal
Focal Length	f = 2.8 - 12 mm	f = 2.8 - 12 mm	f = 2.8 - 12 mm	f=4.4 - 10mm
Aperture	F1.4(W) - F2.8(T)	F1.4(W) - F2.8(T)	F1.4(W) - F2.8(T)	F1.2 - 1.95
Iris Control	DC Iris	DC Iris	DC Iris	P-IRIS
Angular Field of View	Wide : 98°(H), 51°(V), 116°(D) Tele : 33°(H), 19°(V), 38°(D)	Wide : 98°(H), 51°(V), 116°(D) Tele : 33°(H), 19°(V), 38°(D)	Wide : 98°(H), 51°(V), 116°(D) Tele : 33°(H), 19°(V), 38°(D)	Wide : 91.5°(H), 48.4°(V), 109°(D) Tele : 43.4°(H), 24.2°(V), 49.9°(D)
Pan / Tilt Range	Pan: -175° ~ 175° Tilt: 0° ~ 67° Rotate: -177° ~ 177°	Pan: -175° ~ 175° Tilt: 0° ~ 67° Rotate: -177° ~ 177°	Pan: -175° ~ 175° Tilt: 0° ~ 67° Rotate: -177° ~ 177°	Pan: -176° ~ 176° Tilt: 0° ~ 66° Rotate: -90° ~ 90°
Min. Illumination	Color : 0.1 Lux @ F1.4 B/W : 0 Lux (IR LED On)	Color : 0.1 Lux @ F1.4 B/W : 0 Lux (IR LED On)	COLOR : 0.1 lux @ F1.4 B/W : 0 lux (IR LED On)	COLOR : 0.01 lux @ F1.2 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)	30 m / 98.4 ft (6ea)	30 m / 98.4 ft (6ea)	30 m / 98.4 ft (6ea)	30 m / 98.4 ft (6ea)
Image Stabilizer	-	-	-	-
De-fog	-	-	-	Yes
Video Out	-	-	1-CVBS	1 BNC(Accessory)
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	Supported	Supported	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	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	30ips : 1920 x 1080 (WDR)	30ips : 1920 x 1080 (WDR)	30ips : 1920 x 1080 (WDR)	60ips : 1920 x 1080, 30ips : 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100/1000 BASE-T)
Recording Session Buffer	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60 MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)
Trigger Event	Motion Detection Alarm in Audio detection Tampering Trip Zone	Motion Detection Alarm in Audio detection Tampering Trip Zone	Motion Detection Alarm in Audio detection Tampering Trip Zone	Motion Detection Alarm in Audio detection Tampering Trip Zone
Audio In / Out	1 / 1	1 / 1	1 / 1	1 / 1
Alarm In / Out	1 / 1	1 / 1	1 / 1	1 / 1
Vandal Resistance	IK10	IK10	-	IK10
Outdoor Ready	IP67, Heater	IP67	-	IP67, Heater
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting Up at Above -20°C (-4°F)	-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)	-40°C ~ +60°C (-40°F ~ +140°F) *Starting up at above -20°C (-4°F)
Dimensions (W x H x D)	Ø155 x 105 mm (Ø6.1" x 4.13")	Ø155 x 105 mm (Ø6.1" x 4.13")	Ø122 x 103.4 mm (Ø4.8" x 4.05")	Ø160mm x 128.5mm (Ø6.30" x 5.06")
Weight	0.99 kg (2.18 lb)	0.985 kg (2.17 lb)	0.37 kg (0.81 lb)	1.21 kg (2.66 lb)
Power Source	12 VDC, PoE IEEE 802.3 af (Class 3)	12 VDC, PoE IEEE 802.3 af (Class 3)	12 VDC, PoE IEEE 802.3 af (Class 3)	12 VDC, PoE IEEE 802.3 af (Class 3)
Power Consumption	12 V=, 0.95 A, 11.4 W PoE, IEEE 802.3 af (Class 3), 10.3 W	12V=, 0.64 A, 7.7 W PoE, IEEE 802.3 af (Class 3), 7.8 W	12 V=, 0.64 A, 7.7 W PoE, IEEE 802.3 af (Class 3), 7.6 W	12V=, 0.97 A, 11.6 W PoE, IEEE 802.3 af (Class 3)

DOME CAMERAS

Model Name	FIXED, 2MP			Micro Dome, FIXED, 2MP	MFZ, 2MP
	DC-D4216WRX (2.8mm)	DC-D4216RX (2.8mm)	DC-D4217RX (2.8mm / 4.0mm)	DC-D4211CRX	NEW DC-D4246WX
Image Sensor	1/2.8" CMOS	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	1920 x 1080
Lens Type	Fixed-focal	Fixed-focal	Fixed-focal	Fixed-focal	Motorized Vari-focal
Focal Length	f = 2.8 mm	f = 2.8 mm	f = 2.8 mm, f = 4.0 mm	f = 2.8 mm	f = 7 ~ 22 mm
Aperture	F 2.0 (f = 2.8 mm)	F 2.0 (f = 2.8 mm)	F 2.0 (2.8 mm), F1.6 (4.0 mm)	F 2.0	F 1.4 ~ F 2.8
Iris Control	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris	DC Iris
Angular Field of View	111.6°(H), 61.45°(V), 127.3°(D)	111.6° (H), 61.45° (V), 127.3° (D)	111.6°(H), 61.45°(V), 127.3°(D) (f = 2.8 mm) 87.4°(H), 46.9°(V), 103.5°(D) (f=4.0mm)	113.74°(H), 61.5°(V), 134.5°(D)	Wide : 98°(H), 51°(V), 116°(D) Tele : 33°(H), 19°(V), 38°(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°	Pan: -175° ~ 175° Tilt: 0° ~ 67° Rotate: -177° ~ 177°
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 Lux (IR LED On) 2.8mm Color : 0.07 lux @ F1.6 B/W : 0 lux (IR LED On) 4.0mm	Color : 0.1 Lux @ F2.0 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)	120 dB (True WDR)	120 dB (True WDR)	120 dB (True WDR)	120 dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	30 m / 98.4 ft (4ea)	30 m / 98.4 ft (4 ea)	20 m / 65.6 ft (4 ea)(f=4.0mm) 20 m / 65.6 ft (2 ea) (f=4.0mm)	15 m / 49.2 ft (1 ea)	-
Image Stabilizer	-	-	-	-	-
De-fog	-	-	-	No	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	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Supported	Supported	Supported	Supported	Supported
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16 K, G.726, G.711 u-Law, G.711 a-Law	-	-	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	30 ips : 1920 x 1080 (WDR)	30ips : 1920 x 1080 (WDR)	30 ips : 1920 x 1080	30ips : 1920 x 1080 (WDR)	30ips : 1920 x 1080 (WDR)
Ethernet	RJ 45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTsrec)	Yes (Up to 60 MB)	Yes (Up to 60MB)	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60 MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	-	-	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)
Trigger Event	Motion Detection Alarm in Audio detection Tampering Trip Zone	Motion Detection Alarm in Audio detection Tampering Trip Zone	Motion Detection Tampering Trip Zone	Motion Detection Tampering Trip Zone	Motion Detection Alarm in Audio detection Tampering Trip Zone
Audio In / Out	1 / 1	1(Built In MIC)+1 / 1	-	-	1 / 1
Alarm In / Out	1 / 1	1 / 1	-	-	1 / 1
Vandal Proof Casing	IK10	-	-	-	IK10
Outdoor Ready	IP67	-	-	-	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)	-20°C ~ +55°C (-4°F ~ +131°F) *Starting up at above 0°C (32°F)
Dimensions (W x H x D)	Ø120 x 92.9 mm (Ø4.72" x 3.65")	Ø110 x 88 mm (Ø4.33" x 3.46")	Ø130 x 81.4 mm (5.2" x 3.2")	Ø86 mm x 59 mm (Ø3.39" x 2.32")	Ø155 x 105 mm (Ø6.1" x 4.13")
Weight	0.465 kg (1.02 lb)	0.26 kg (0.57 lb)	0.242 Kg (0.53 lb)	0.10 kg (0.11lb)	0.985kg (2.17lb)
Power Source	PoE IEEE 802.3 af (Class 2)	PoE IEEE 802.3 af (Class 2)	PoE	PoE IEEE 802.3 af (Class 2)	12VDC, PoE IEEE 802.3 af (Class 3)
Power Consumption	PoE, IEEE 802.3 af (Class 2), 4.6 W	PoE, IEEE 802.3 af (Class 2), 4.6 W	PoE, IEEE 802.3 af (Class 2), 3.8 W	PoE, IEEE 802.3 af (Class 2), 3.6 W	12 V~, 0.64 A, 7.7 W PoE, IEEE 802.3 af (Class 3), 7.8 W

DOME CAMERAS

Model Name	MFZ, 2MP		FIXED, 5MP		
	NEW DC-D4237RX	DC-D4537HRXA	NEW DC-D4537RXA	NEW DC-D4517RXP (2.8mm, 4.3mm)	NEW DC-D4517RX (2.8mm, 4.3mm)
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	1920 x 1080	2592 x 1944	2592 x 1944	2592 x 1944	2592 x 1944
Lens Type	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal	Fixed-focal	Fixed-focal
Focal Length	f=2.8 ~ 12mm	f=2.7 ~ 13.5 mm	f=2.7 ~ 13.5 mm	f=2.7 ~ 13.5 mm	f=2.7 ~ 13.5 mm
Aperture	F1.4 - F2.8	F1.4 ~ 3.2	F1.4 ~ 3.2	2.8 mm : F 2.0 / 4.3 mm: F 1.6	2.8 mm : F 2.0 / 4.3 mm: F 1.6
Iris Control	DC Iris	DC Iris	DC Iris	Fixed Iris	Fixed Iris
Angular Field of View	Wide : 98°(H), 51°(V), 116°(D) Tele : 33°(H), 19°(V), 38°(D)	Wide : 101.2°(H) 72.5°(V) 137.4°(D) Tele : 30.4°(H) 22.8°(V) 38(D)	Wide : 101.2°(H) 72.5°(V) 137.4°(D) Tele : 30.4°(H) 22.8°(V) 38(D)	2.8 mm : 104.8° (H) 76.9°(V) 130°(D) / 4.3 mm: 80°(H) 56.7°(V) 106.9°(D)	2.8 mm : 104.8° (H) 76.9°(V) 130°(D) - TBD / 4.3 mm: 80°(H) 56.7°(V) 106.9°(D)
Pan / Tilt Range	Pan: -175° ~ 175° Tilt: 0° ~ 67° Rotate: -177° ~ 177°	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°	Pan: -170° ~ 170° Tilt: -5° ~ 67.5° Rotate: -109° ~ 109°
Min. Illumination	COLOR : 0.1 lux @ F1.6 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)	2.8 mm:COLOR : 0.15 lux @ F2.0 B/W : 0 lux (IR LED On) 4.3mm:COLOR : 0.15 lux @ F1.6B/W : 0 lux (IR LED On)	2.8 mm:COLOR : 0.15 lux @ F2.0 B/W : 0 lux (IR LED On) 4.3mm:COLOR : 0.15 lux @ F1.6B/W : 0 lux (IR LED On) (TBD)
Dynamic Range	120dB (True WDR)	120 dB (True WDR)	120 dB (True WDR)	120 dB (True WDR)	120 dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	30 m / 98.4 ft (6 ea)	40 m / 131.2 ft (6ea)	40 m / 131.2 ft (6 ea)	20 m / 65.6ft (4 ea)	20 m / 65.6ft (4 ea)
Image Stabilizer	-	-	-	-	-
De-fog	On / Off	Yes	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	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Supported	Supported	Supported	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	ADPCM 16 K, G.726, G.711 u-Law, G.711 a-Law	-	-
Max. Frame Rate	30fps : 1920 x 1080 (WDR)	4:3 mode : 30fps : 2592 x 1944 (WDR) 16:9 mode : 30fps : 2592 x 1456 (WDR)	4:3 mode : 30fps : 2592 x 1944(WDR) 16:9 mode : 30fps : 2592 x 1456(WDR)	4:3 mode : 30 ips : 2592 x 1944 (WDR) 16:9 mode : 30 ips : 2592 x 1456 (WDR)	4:3 mode : 30 ips : 2592 x 1944 (WDR) 16:9 mode : 30 ips : 2592 x 1456 (WDR)
Ethernet	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100 BASE-T)	1 RJ45 (10/100BASE-T), 1 Additional RJ45 (10/100BASE-T) for PoE Extender	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTsrec)	Yes (Up to 60MB)	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60 MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)
Trigger Event	Video Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone	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, Tampering, Trip Zone	Motion 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	-	-	-
Outdoor Ready	-	IP67, Heater	-	-	-
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) *Starting up at above 0°C (32°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)	-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)	Ø122 x 103.4mm (Ø4.8" x 4.07")	Ø155 x 104.4 mm (Ø6.1" x 4.11")	Ø122 x 103.4 mm (Ø4.8" x 4.07")	Ø110 x 88mm (Ø4.33" x 3.46")	Ø110 x 88mm (Ø4.33" x 3.46")
Weight	0.37kg (0.82lb)	1kg (2.2lb)	0.35kg (0.77 lb)	0.22kg(0.48lb)	0.22kg(0.48lb)
Power Source	12VDC, PoE IEEE 802.3af (Class 3)	PoE (IEEE 802.3af Class 3)	PoE (IEEE 802.3 af Class 3)	PoE, IEEE 802.3 at (Class 4)	PoE, IEEE 802.3af (Class 2) (TBD)
Power Consumption	12V=, 0.64A, 7.7W PoE, IEEE 802.3af (Class 3), 7.6W	12V=, 1.1 A, 13.2 W PoE, IEEE 802.3 af (Class 3), 10 W	12V=, 1A, 12 W PoE, IEEE 802.3 af (Class 3), 9.5 W	PoE, IEEE 802.3at (Class 4), 25.5 W (DC OUT : 42.5-57 V=, 0.3 A MAX)	PoE, IEEE 802.3af (Class 2) (TBD)



IDIS EDGE AI CAMERAS

IDIS edge AI cameras enable proactive monitoring for increased vigilance and rapid responses

The latest advances in video analytics from IDIS, Korea's largest in-country video tech manufacturer, now include a powerful line-up of NDAA-compliant edge AI dome and bullet cameras. The new range reduces the risks of operator fatigue and human error, ensuring uninterrupted 24/7 recording and proactive detection of potential threats for single or multi-site applications. Line crossing, intrusion, object and loitering alerts, using identification and detection of people, cars, bikes, empower users to rapidly verify and respond to events before they escalate.



BULLET CAMERAS

	MFZ, 8MP	FIXED, 8MP	MFZ, 5MP	FIXED, 5MP
Model Name	DC-T4831HRX 	DC-T4811WRX (3.3mm) 	DC-T4536HRX 	DC-T4516WRX (2.8mm/4.0mm) 
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	3840 x 2160	3840 x 2160	2592 x 1944	2592 x 1944
Lens Type	Motorized Vari-focal	Fixed-focal	Motorized Vari Focal	Fixed-focal
Focal Length	f = 2.7-13.5 mm	f = 3.3 mm	f = 3.0-13.5 mm	f = 2.8 mm / 4.0 mm
Aperture	F1.8 - 3.32	F2.0 (3.3 mm)	F1.4 - 3.2	F 2.0 (2.8 mm) / F 2.15 (4.0 mm)
Iris Control	DC Iris	Fixed Iris	DC Iris	Fixed 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)	101.3° (H) 54.5°(V) 119.7°(D)	Wide : 91°(H) 66°(V) 120°(D) Tele : 31°(H) 23°(V) 38°(D)	104.8°(H) 76.9°(V) 130°(D) (f = 2.8 mm) 79.2°(H) 56.6°(V) 103°(D) (f = 4.0 mm)
Min. Illumination	Color : 0.2 Lux @ F1.8 B/W : 0 Lux (IR LED On)	Color : 0.2 Lux @ F2.0 B/W : 0 Lux (IR LED On)	Color : 0.1 Lux @ F1.4 B/W : 0 Lux (IR LED On)	Color : 0.15 lux @ F2.0 B/W : 0 lux (IR LED On) Color : 0.15 lux @ F2.15 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)	40 m / 131.2 ft (6ea)	30 m / 98.4 ft (4ea)	30 m / 98.4 ft (4ea)	30 m / 98.4 ft (4ea)
Image Stabilizer	-	-	-	-
De-Fog	-	-	-	-
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	Supported	Supported	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	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	-
Max. Frame Rate	30ips : 3840 x 2160 15ips : 3840 x 2160 (WDR)	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 : 30ips : 2592 x 1944(WDR) 16:9 mode : 30ips : 2592 x 1456(WDR)
Ethernet	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSec)	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 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 256 GB)
Trigger Event	Motion Detection Alarm In Audio detection Tampering Trip Zone	Motion Detection Alarm In Audio detection Tampering Trip Zone	Motion Detection Alarm In Audio Detection Tampering Trip Zone	Motion Detection Alarm In Audio Detection Tampering Trip Zone
Audio In / Out	1 / 1	1 / 1	1 / 1	1 / 1
Alarm In / Out	1 / 1	1 / 1	1 / 1	1 / 1
Vandal Proof Casing	IK10	IK10	IK10	IK10
Outdoor Ready	IP67, Heater	IP67	IP67, Heater	IP67
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at Above -20°C (-4°F)	-20°C ~ +55°C(-22°F ~ +131°F) *Starting up at above 0°C (32°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Starting up at above 0°C (32°F)
Dimensions (W x H x D)	80 mm x 75 mm x 237 mm (3.15" x 2.95" x 9.33")	75 mm x 70 mm x 195.8 mm (2.95" x 2.75" x 7.7")	80 mm x 75 mm x 237 mm (3.15" x 2.95" x 9.33")	75 mm x 70 mm x 195.8 mm (2.95" x 2.75" x 7.71")
Weight	1.029 kg (2.26 lb)	0.655 kg (1.44 lb)	0.97 kg(2.14 lb)	0.66 kg (1.46 lb)
Power Source	12 VDC, PoE IEEE 802.3 af (Class 3)	PoE (IEEE 802.3 af Class 3)	12 VDC, PoE IEEE 802.3 af (Class 3)	PoE (IEEE 802.3 af Class 3)
Power Consumption	12 V=, 1.1 A, 13.2 W PoE, IEEE 802.3 af (Class 3), 11.7 W	PoE, (IEEE 802.3 af Class 3), 9.0 W	12 V=, 1.1 A, 13.2 W PoE, IEEE 802.3 af(Class 3), 11 W	PoE, (IEEE 802.3 af Class 3), 7.9 W

BULLET CAMERAS

	MFZ, 2MP, EdgeVA			
Model Name	DC-T6233HRXL	DC-T6233HRX	DC-T6243HRX	DC-T6234HRX
	   IDIS LightMaster	  	  	  
Image Sensor	1/1.9" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Lens Type	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal
Focal Length	f = 4.4 - 10 mm	f = 3.3 - 10 mm	f = 9 - 22 mm	f = 3.3 - 10 mm
Aperture	F1.2 - 1.95	F1.3 - 2.5	F1.5 - 2.8	F1.3 - 2.5
Iris Control	P-IRIS	P-IRIS	P-IRIS	P-IRIS
Angular Field of View	Wide: 91.5° (H), 48.4° (V), 109° (D) Tele: 43.4° (H), 24.2° (V), 49.9° (D)	Wide: 94.0° (H), 50.0° (V), 110.0° (D) Tele: 31.8° (H), 18.0° (V), 36.6° (D)	Wide: 33.8° (H), 18.8° (V), 39.2° (D) Tele: 14.2° (H), 8° (V), 16.2° (D)	Wide : 94.0°(H), 50.0°(V), 110.0°(D) Tele : 31.8°(H), 18.0°(V), 36.6°(D)
Min. Illumination	Color: 0.01 Lux @ F1.2 B/W: 0 Lux (IR LED On)	Color: 0.1 Lux @ F1.3 B/W: 0 Lux (IR LED On)	Color: 0.3 Lux @ F1.5 B/W: 0 Lux (IR LED On)	Color: 0.1 Lux @ F1.3 B/W: 0 Lux (IR LED On)
Dynamic Range	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)
Day and Night	IR Cut Filter with Auto Switch	IR Cut Filter with Auto Switch	IR Cut Filter with Auto Switch	IR Cut Filter with Auto Switch
IR Distance (LEDs)	30 m / 98.4 ft (10ea)	30 m / 98.4 ft (10ea)	30 m / 98.4 ft (10ea)	30 m / 98.4 ft (24ea) / White LED (6ea)
Image Stabilizer	-	-	-	-
De-fog	Yes	Yes	Yes	Yes
Video Out	1 BNC	1 BNC	1 BNC	1 BNC
Video Compression	H.264 (MP), M-JPEG, H.265	H.264 (MP), M-JPEG, H.265	H.264 (MP), M-JPEG, H.265	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Supported	Supported	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	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 (10/100/1000 BASE-T)	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100/1000 BASE-T)
Recording Session Buffer	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 256GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
Trigger Event	Motion Detection Alarm in Audio Detection Tampering Trip Zone Line Cross Loitering Object Detection	Motion Detection Alarm in Audio Detection Tampering Trip Zone Line Cross Loitering Object Detection	Motion Detection Alarm in Audio Detection Tampering Trip Zone Line Cross Loitering Object Detection	Motion Detection Alarm in Audio Detection Tampering Trip Zone Line Cross Loitering Object Detection
Audio In / Out	1 / 1	1 / 1	1 / 1	1 / 1
Alarm In / Out	1 / 1	1 / 1	1 / 1	1 / 1
Vandal Resistance	IK10	IK10	IK10	-
Outdoor Ready	IP66, Heater	IP66, Heater	IP66, Heater	IP66, Heater
Operating Temperature	-40°C ~ +60°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)	-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)	Ø73.5 mm x 308.5 mm (Ø2.9" x 12.15")	Ø73.5 mm x 308.5 mm (Ø2.9" x 12.15")	Ø73.5 mm x 308.5 mm (Ø2.9" x 12.15")	Ø73.5 mm x 308.5 mm (Ø2.9" x 12.15")
Weight	1.17 kg (2.58 lb)	1.17 kg (2.58 lb)	1.17 kg (2.58 lb)	1.17 kg (2.58 lb)
Power Source	12VDC, PoE IEEE 802.3af (Class 3)	12VDC, PoE IEEE 802.3af (Class 3)	12VDC, PoE IEEE 802.3af (Class 3)	12VDC, PoE IEEE 802.3af (Class 3)
Power Consumption	12V =, 0.8A, 9.6W PoE, IEEE 802.3af (Class 3)	12V =, 0.85A, 10.2W PoE, IEEE 802.3af (Class 3)	12V =, 0.72A, 8.64W PoE, IEEE 802.3af (Class 3)	12V =, 0.77A, 9.24W PoE, IEEE 802.3af (Class 3)

BULLET CAMERAS

Model Name	MFZ, 2MP			FIXED, 2MP	
	DC-T4236HRX	DC-T4236WRX	DC-T3233HRXL	DC-E4216WRX	DC-T4217WRX 2.8mm / 4.0mm / 6.0mm
	 	 	  IDIS LightMaster	 	 
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/1.9" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Lens Type	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal	Fixed-focal	Fixed-focal
Focal Length	f = 2.8 - 12 mm	f = 2.8 - 12 mm	f=4.4 - 10 mm	f = 2.8 mm	f = 2.8 mm / 4.0 mm / 6.0 mm
Aperture	F1.4 - 2.8	F1.4 - 2.8	F1.2 - 1.95	F 2.0	F 2.0 (2.8 mm) / F 1.6 (4.0 mm, 6.0 mm)
Iris Control	DC Iris	DC Iris	P-Iris	Fixed Iris	Fixed 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 : 91.5°(H), 48.4°(V), 109°(D) Tele : 43.4°(H), 24.2°(V), 49.9°(D)	111.6°(H), 61.45°(V), 127.3°(D)	111.6°(H), 61.45°(V), 127.3°(D) (f = 2.8 mm) 87.4°(H), 46.9°(V), 103.5°(D) (f = 4.0 mm) 53.5°(H), 29.5°(V), 62.1°(D) (f = 6.0 mm)
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 : 0.01 lux @ F1.2 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 Lux (IR LED On) (2.8 mm) Color : 0.07 Lux @ F1.6 / B/W : 0 Lux (IR LED On) (4.0 mm) Color : 0.07 Lux @ F1.6 / B/W : 0 Lux (IR LED On) (6.0 mm)
Dynamic Range	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	30m / 98.4 ft (6ea)	30m / 98.4 ft (6ea)	30 m / 98.4 ft (10 ea)	30m / 98.4 ft (4 ea)	20m / 65.6 ft (2 ea)
Image Stabilizer	-	-	-	-	-
De-Fog	-	-	Yes	-	-
Video Out	-	-	1 BNC	-	-
Video Compression	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG	H.264 (MP), M-JPEG, H.265	H.265, H.264 (MP) M-JPEG,	H.265, H.264 (MP) M-JPEG,
Intelligent Codec	Supported	Supported	Supported	Supported	Supported
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	ADPCM 16 K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16 K, G.726, G.711 u-Law, G.711 a-Law	-
Max. Frame Rate	30 ips : 1920 x 1080 (WDR)	30 ips : 1920 x 1080 (WDR)	30 ips : 1920 x 1080(WDR)	30 ips : 1920 x 1080 (WDR)	30 ips : 1920 x 1080
Ethernet	RJ 45 (10/100BASE-T)	RJ 45 (10/100BASE-T)	RJ 45 (10/100/1000BASE-T)	RJ 45 (10/100BASE-T)	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSrec)	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)
Trigger Event	Motion Detection Alarm in Audio Detection Tampering Trip Zone	Motion Detection Alarm in Audio Detection Tampering Trip Zone	Motion Detection Alarm in Audio Detection Tampering Trip Zone	Motion Detection Alarm in Audio Detection Tampering Trip Zone	Motion Detection Alarm in Audio Detection Tampering Trip Zone
Audio In / Out	1 / 1	1 / 1	1 / 1	1 / 1	-
Alarm In / Out	1 / 1	1 / 1	1 / 1	1 / 1	-
Vandal Proof Casing	IK 10	IK 10	IK 10	IK 10	IK 10
Outdoor Ready	IP 67, Heater	IP 67	IP 66, Heater	IP 67	IP 66
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting Up at Above -20°C (-4°F)	-20°C ~ +55°C (-4°F ~ +131°F) *Starting up at above 0°C (32°F)	-40°C ~ +60°C (-40°F ~ +140°F) *Starting up at above -20°C (-4°F)	-20°C ~ +55°C (-4°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)	Ø 77 mm X 244.1 mm (Ø3.0" x 9.61")	Ø 77 mm X 244.1 mm (Ø3.0" x 9.61")	Ø73.5mm x 308.5mm (Ø2.9" x 12.15")	Ø75 mm x 70 mm x 195.8 mm (2.95" x 2.75" x 7.7")	Ø70.1 mm x 65.0 mm x 182.7 mm (2.75" x 2.56" x 7.2")
Weight	0.84 kg (1.85lb)	0.84 kg (1.85lb)	1.17 kg (2.58 lb)	0.655 kg (1.44lb)	0.340 Kg (0.75 lb)
Power Source	12 VDC, PoE IEEE 802.3af (Class 3)	12 VDC, PoE IEEE 802.3af (Class 3)	12 VDC, PoE IEEE 802.3af (Class 3)	PoE IEEE 802.3 af (Class 2)	PoE IEEE 802.3 af (Class 2)
Power Consumption	12 V=, 0.78 A, 9.3 W PoE, IEEE 802.3 af (Class 3), 8.5 W	12 V=, 0.78 A, 9.3 W PoE, IEEE 802.3 af (Class 3), 8.5 W	12 V=, 0.8 A, 9.6 W PoE, IEEE 802.3 af (Class 3)	PoE, IEEE 802.3 af (Class 2), 6.1 W	PoE, IEEE 802.3 af (Class 2), 5.4 W

BULLET CAMERAS

Model Name	MFPZ, 5MP		FIXED, 5MP			
	NEW	DC-T4537HRXA	NEW	DC-T4517WRXP 4.3mm / 6.2mm	NEW	DC-T4517WRX 4.3mm / 6.0mm
Image Sensor		1/2.8" CMOS		1/2.8" CMOS		1/2.8" CMOS
Max. Resolution		2592 x 1944		2592 x 1944		2592 x 1944
Lens Type		Motorized Vari-focal		Fixed-focal		Fixed-focal
Focal Length		F = 2.8 - 13.5 mm		f= 4.3mm / f= 6.2mm		f=4.3 mm / f=6.0 mm
Aperture		F1.4 - F3.2		F1.6		F1.6
Iris Control		DC Iris		Fixed Iris		Fixed Iris
Angular Field of View		Wide : 101.2°(H) 72.6°(V) 137.4°(D) Tele : 30.4°(H) 22.8°(V) 38°(D)		4.3 mm : 80°(H) 56.7°(V) 106.9°(D) 6.2 mm : 49.9°(H) 36.7°(V) 64°(D)		4.3 mm : 80°(H) 56.7°(V) 106.9°(D) / TBD 6.0 mm : 49.9°(H) 36.7°(V) 64°(D) / TBD
Min. Illumination		COLOR : 0.15 lux @ F 1.4 B/W : 0 lux (IR LED On)		COLOR : 0.15 lux @ F 1.6 B/W : 0 lux (IR LED On)		COLOR : 0.15 lux @ F 1.6 B/W : 0 lux (IR LED On) / TBD
Dynamic Range		120 dB (True WDR)		120 dB (True WDR)		120 dB (True WDR)
Day and Night		Yes (ICR)		Yes (ICR)		Yes (ICR)
IR Distance (LEDs)		40 m / 131.2 ft (6ea)		20 m / 65.6 ft (2 ea)		20 m / 65.6 ft (2 ea)
Image Stabilizer		-		-		-
De-Fog		Yes		Yes		Yes
Video Out		-		-		-
Video Compression		H.265, H.264 (MP), M-JPEG		H.265, H.264 (MP), M-JPEG		H.264 (MP), M-JPEG, H.265
Intelligent Codec		Supported		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		ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate		4:3 mode : 30 ips : 2592 x 1944 (WDR) 16:9 mode : 30 ips : 2592 x 1456 (WDR)		4:3 mode : 30 ips : 2592 x 1944 (WDR) 16:9 mode : 30 ips : 2592 x 1456 (WDR)		4:3 mode : 30ips : 2592 x 1944 (WDR) 16:9 mode : 30ips : 2592 x 1456 (WDR)
Ethernet		RJ 45 (10/100BASE-T)		1 RJ45 (10/100BASE-T), 1 Additional RJ45 (10/100BASE-T) for PoE Extender		RJ45 (10/100BASE-T)
Recording Session Buffer (NLTsrec)		Yes (Up to 60 MB)		Yes (Up to 60 MB)		Yes (Up to 60 MB)
Edge Storage		micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)		micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)		micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)
Trigger Event		Motion Detection, Alarm in, Audio detection, Tampering, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection		Motion Detection, Tampering, Trip Zone		Motion Detection, Tampering, Trip Zone
Audio In / Out		1 / 1		-		-
Alarm In / Out		1 / 1		-		-
Vandal Proof Casing		IK10		IK10		IK10
Outdoor Ready		IP 67, Heater		IP 66		IP 66
Operating Temperature		-40°C ~ +55°C (-40°F ~ +131°F) *Starting Up at Above -20°C (-4°F)		-20°C ~ +55°C (-4°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)		89.3mm X 89.3mm X 277.6mm (3.52" x 3.52" x 10.93")		70 mm X 65 mm X 197.5 mm (2.76" X 2.56" X 7.78")		70.1 mm x 65 mm X 182.7 mm (2.75" x 2.56" x 7.2") (TBD)
Weight		1.293 kg (2.85 lb)		0.44 kg (0.97 lb)		0.44kg (0.97lb) (TBD)
Power Source		PoE (IEEE 802.3 af Class 3)		PoE, IEEE 802.3 at (Class 4)		PoE IEEE 802.3 af (Class 3) (TBD)
Power Consumption		12 V=, 1 A, 12 W PoE, IEEE 802.3 af(Class 3), 9.7 W		PoE, IEEE 802.3at(Class 4), 25.5W (DC OUT : 42.5-57V=, 0.3A MAX)		PoE, IEEE 802.3af (Class 3) (TBD)

LOW LIGHT CAMERA

IDIS LightMaster

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





BULLET CAMERAS

	MFZ, 2MP	
	NEW DC-T6224HRXL	NEW DC-T6223HRL
Model Name	 IDIS LightMaster	 IDIS LightMaster
Image Sensor	1/2" CMOS	1/2" CMOS
Max. Resolution	1920 x 1080	1920 x 1080
Lens Type	Vari-focal	Vari-focal
Focal Length	f=12 - 50 mm	f=12 - 50 mm
Aperture	F1.5 - 1.9	F1.5 - F1.9
Iris Control	P-Iris	P-Iris
Angular Field of View	Wide : 33°(H), 18°(V), 38°(D) Tele : 9°(H), 5°(V), 10°(D)	Wide : 33°(H), 18°(V), 38°(D) Tele : 9°(H), 5°(V), 10°(D)
Min. Illumination	Color Mode : 0.02 lux @F1.5 BW Mode : 0 lux (IR LED On)	BW Mode : 0 lux (IR LED On)
Dynamic Range	120 dB (True WDR)	120 dB (True WDR)
Day and Night	Yes (ICR)	-
IR Distance (LEDs)	20 m (License plate capture up to 80 km/h) 100m (Surveillance)	20 m (License plate capture up to 80 km/h)
Image Stabilizer	-	-
De-Fog	-	-
Video Out	-	-
Video Compression	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG
Intelligent Codec	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
Max. Frame Rate	25 ips : 1920 x 1080 30 ips : 1920 x 1080	30 ips : 1920 x 1080
Ethernet	RJ 45 (10/100 BASE-T)	RJ 45 (10/100 BASE-T)
Recording Session Buffer (NLTSec)	Yes (Up to 60 MB)	Yes (Up to 60 MB)
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, ANPR
Audio In / Out	1 / 1	1 / 1
Alarm In / Out	2 / 1	2 / 1
Vandal Proof Casing	-	-
Outdoor Ready	IP66	IP66
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)
Dimensions (W x H x D)	166.5 mm x 129.5 mm x 540 mm (6.56" x 5.1" x 21.26")	166.5 mm x 129.5 mm x 540 mm (6.56" x 5.1" x 21.26")
Weight	4.65 kg (10.25 lb)	4.65 kg (10.25 lb)
Power Source	100 V ~ 240 VAC	100 V ~ 240 VAC
Power Consumption	100-240 V-, 50/60 Hz, 1.0-0.5 A, 50 W	100-240 V-, 50/60 Hz, 1.0-0.5 A, 50 W

IDIS SUPER FISHEYE CAMERAS

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, 12M	FIXED, 5M	
	DC-Y6C16WRX	DC-Y6516WRX	NEW DC-Y6516X
Image Sensor	1/2.3" 12MP CMOS	1/1.8" CMOS	1/1.8" CMOS
Max. Resolution	2944 x 2944	2560 x 2048	2560 x 2048
Lens Type	Fixed-focal	Fixed-focal	Fixed-focal
Focal Length	f = 1.6 mm	f = 1.5 mm	f=1.5 mm
Aperture	F 2.0	F 1.8	F 1.8
Iris Control	Fixed Iris	Fixed Iris	Fixed Iris
Angular Field of View	180°(H), 180°(V), 180°(D)	180°(H), 180°(V), 180°(D)	180°(H), 180°(V), 180°(D)
Pan / Tilt / Zoom	-	-	-
Min. Illumination	Color : 0.3 Lux @ F 2.0 B/W : 0 Lux (IR LED On)	Color : 0.15 Lux @ F 1.8 B/W : 0 Lux (IR LED On)	Color : 0.15 lux @ F1.8 B/W : 0.015 lux @ F1.8
Dynamic Range	120 dB (True WDR)	120 dB (True WDR)	120 dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	15 m / 49.2 ft (4 ea)	20 m / 65.6 ft (4 ea)	-
Image Stabilizer	-	-	-
Viewing Composition	10, 1P, 1P2R, 2P, 4R, 107R	10, 1P, 1P2R, 2P, 4R, 107R	10
Video Out	-	-	-
Video Compression	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Supported	Supported	Supported
Audio Compression	ADPCM 16 K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16 K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16 K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	30 ips : 2944 x 2944 15 ips : 2944 x 2944 (WDR)	30 ips : 2560 x 2048 (WDR)	30 ips : 2560 x 2048 (WDR)
Ethernet	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ 45 (10/100BASE-T)
Recording Session Buffer (NLT5rec)	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60 MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)
Trigger Event	Motion Detection, Alarm in, Audio detection Tampering, Trip Zone, Heatmap	Motion Detection, Alarm in, Audio detection Tampering, Trip Zone, Heatmap	Motion Detection, Alarm in, Audio detection Tampering, Trip Zone, Heatmap
Audio In / Out	1 (Built In MIC) +1 / 1	1 (Built In MIC) +1 / 1	1(Built In MIC)+1 / 1
Alarm In / Out	1 / 1	1 / 1	1 / 1
Vandal Resistance	IK 10	IK 10	-
Outdoor Ready	IP 67	IP 67	-
Operating Temperature	-30°C ~ 50°C (22°F ~ 122°F) *Starting up at above 0°C (32°F)	-30°C ~ 50°C (22°F ~ 122°F) *Starting up at above 0°C (32°F)	-10°C ~ 50°C (-22°F ~ 122°F) *Starting up at above 0°C (32°F)
Dimensions (W x H x D)	Ø135 x 56.9 mm (Ø5.31" x 2.24")	Ø135 x 56.9 mm (Ø5.31" x 2.24")	Ø122 x 35.8 mm (Ø4.80" x 1.40")
Weight	0.67 kg (1.47 lb)	0.67 kg (1.47 lb)	0.280 kg (0.62 lb)
Power Source	12 VDC, PoE IEEE 802.3 af (Class 3)	12 VDC, PoE (IEEE 802.3 af Class 3)	PoE (IEEE 802.3 af Class 2)
Power Consumption	12 V=, 0.94 A, 11.3 W PoE, IEEE 802.3 af (Class 3), 10.6 W	12V=, 0.92 A, 11 W PoE (IEEE 802.3 af Class 3), 10.3 W	PoE (IEEE 802.3 af Class 2), 5.6 W

IDIS PREMIER IR PTZ CAMERAS

IDIS IR PTZ cameras offer up to 4K resolution and 31x zoom, providing clear monitoring of distant objects

Both cameras offer 31x optical zoom and high resolution images (4K: DC-S3883HRX, 5MP: DC-S3583HRX), making it possible to monitor city streets, parking, casinos, public spaces, airports, as well as other large outdoor locations. Offering at least twice the pixels of Full HD, the cameras deliver noticeably superior image quality.



SPEED DOME CAMERAS



Model Name	MFZ, 6MP, 31x	MFZ, 8MP, 31x	MFZ, 2MP, x30	MFZ, 2MP, x30
	NEW DC-S6681HRX	NEW DC-S6881HRX	NEW DC-S6281HX	NEW DC-S6281FX
Image Sensor	1/1.8" CMOS	1/1.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	3328 x 1872	3840 x 2160	1920 x 1080	1920 x 1080
Lens Type	AF Zoom Lens	AF Zoom Lens	AF Zoom Lens	AF Zoom Lens
Focal Length	f = 6.5 - 202 mm	f = 6.5 - 202 mm	f = 5.2 mm ~ 156 mm	f = 5.2 mm ~ 156 mm
Aperture	F 1.55 - 4.8	F 1.55 - 4.8	F1.33 ~ F4.95	F1.33 ~ F4.95
Iris Control	DC Auto IRIS (Hall Sensor)	DC Auto IRIS (Hall Sensor)	DC Auto IRIS (Hall Sensor)	DC Auto IRIS (Hall Sensor)
Angular Field of View	Wide : 63°(H), 37.6°(V), 70.3°(D) Tele : 2.37°(H), 1.33°(V), 2.7°(D)	Wide : 63°(H), 37.6°(V), 70.3°(D) Tele : 2.37°(H), 1.33°(V), 2.7°(D)	Wide : 58.9°(H), 34.4°(V), 66.3°(D) Tele : 2.3°(H), 1.3°(V), 2.7°(D)	Wide : 58.9°(H), 34.4°(V), 66.3°(D) Tele : 2.3°(H), 1.3°(V), 2.7°(D)
Min. Illumination	Color : 0.1 Lux @ F1.55 B/W : 0 Lux (IR LED On)	Color : 0.1 Lux @ F1.55 B/W : 0 Lux (IR LED On)	Color : 0.1 lux @ F1.33 B/W : 0.01 lux @ F1.33	Color : 0.1 lux @ F1.33 B/W : 0.01 lux @ F1.33
Dynamic Range	120 dB (True WDR)	120 dB (True WDR)	120 dB (True WDR)	120 dB (True WDR)
IR Distance (LEDs)	300 m/984.3ft (2ea)	300 m/984.3 ft (2 ea)	-	-
Image Stabilizer	Yes (EIS)	Yes (EIS)	Yes (EIS)	Yes (EIS)
Auto Tracking	No	No	No	No
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	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Supported	Supported	Supported	Supported
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	ADPCM 16 K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	30 ips : 3328 x 1872 (WDR)	30 ips : 3840 x 2160 (WDR)	30 ips : 1920 x 1080 (WDR)	30 ips : 1920 x 1080 (WDR)
Ethernet	RJ 45 (10/100 BASE-T)	RJ 45 (10/100 BASE-T)	RJ 45 (10/100 BASE-T)	RJ 45 (10/100 BASE-T)
Recording Session Buffer (NLTsrec)	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60 MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)
Trigger Event	Motion Detection Alarm in Audio detection Tampering Trip Zone	Motion Detection Alarm in Audio detection Tampering Trip Zone	Motion Detection Alarm in Audio detection Tampering Trip Zone	Motion Detection Alarm in Audio detection Tampering Trip Zone
Audio In / Out	1 / 1	1 / 1	1 / 1	1 / 1
Alarm In / Out	8 / 2	8 / 2	8 / 2	4 / 2
Vandal Proof Casing	IK10	IK10	IK 10	IK 10
Outdoor Ready	IP66, Heater	IP66, Heater	IP 67	-
Operating Temperature	-40°C ~ +55°C (-40°F ~ +140°F) *Starting Up at Above -20°C (-4°F)	-40°C ~ +55°C (-40°F ~ +140°F) *Starting Up at Above -20°C (-4°F)	-40°C ~ +55°C (-40°F ~ +140°F) *Starting Up at Above -20°C (-4°F)	-40°C ~ +55°C (-40°F ~ +140°F) *Starting Up at Above -20°C (-4°F)
Dimensions (W x H x D)	Ø242.0 mm x 401.1mm (Ø9.52" x 15.79")	Ø242.0 mm x 401.8mm (Ø9.52" x 15.82")	Ø200 mm x 201 mm (Ø7.88" x 7.91")	Ø226.5 mm x 203.5 mm (Ø8.92" x 8.01")
Weight	7.4 kg (16.31 lb)	7.4 kg (16.31 lb)	2.54 kg (5.60 lb)	1.82 kg (4.01 lb)
Power Source	24 VAC, High-PoE (75 W)	24 VAC, High-PoE (75 W)	24VAC, PoE IEEE 802.3at (Class 4)	24 VAC, PoE IEEE 802.3 at (Class 4)
Power Consumption	HEATER, IR LED OFF 24 V-, 1.2 A, 21.1 W, 50/60 Hz High-PoE, 50-57 V, 20.3 W HEATER, IR LED On 24 V-, 3.4 A, 65.8 W, 50/60 Hz High-PoE, 50-57 V, 60.0 W	HEATER, IR LED OFF 24 V-, 1.2 A, 21.1 W, 50/60 Hz High-PoE, 50-57 V, 20.3 W HEATER, IR LED On 24 V-, 3.4 A, 65.8 W, 50/60 Hz High-PoE, 50-57 V, 60.0 W	HEATER OFF 24 V-, 0.8 A, 13.8 W, 50/60 Hz PoE, IEEE 802.3 at (Class 4), 13.6 W HEATER ON 24 V-, 1.0 A, 17.6 W, 50/60 Hz PoE, IEEE 802.3 at (Class 4), 17.2 W	24 V-, 0.8 A, 13.8 W, 50/60 Hz PoE, IEEE 802.3 at (Class 4), 13.6 W

SPEED DOME CAMERAS

Model Name	MFZ, 2MP, 36x Outdoor	MFZ, 2MP, 30x Outdoor	MFZ, 2MP, 30x Indoor	MFZ, 2MP, 12x Indoor
	DC-S6286HRXL	DC-S3283WHX	DC-S3283FX	DC-S6261X
Image Sensor	1/2" CMOS	1/3" CMOS	1/3" CMOS	1/2.8" CMOS
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Lens Type	AF Zoom Lens	AF Zoom Lens	AF Zoom Lens	AF Zoom Lens
Focal Length	f = 6 - 216 mm	f = 4.3 - 129 mm	f = 4.3 - 129 mm	f = 5.3 - 64 mm (12x)
Aperture	F1.36 - 4.6	F1.6 - 5.0	F1.6 - 5.0	F1.6 - 2.8
Iris Control	DC Auto IRIS (Hall Sensor)	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 : 64.7°(H), 38.6°(V), 72.7°(D) Tele : 2.3°(H), 1.4°(V), 2.6°(D)	Wide : 58.2°(H), 34°(V), 65.3°(D) Tele : 4.83°(H), 2.8°(V), 5.7°(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 @ F1.6 B/W : 0.01 Lux @ F1.6	Color : 0.1 Lux @ F1.6 B/W : 0.01 Lux @ F1.6	Color : 0.1 Lux @ F1.6 B/W : 0.01 Lux @ F1.6
Dynamic Range	120 dB (True WDR)	120 dB (True WDR)	120 dB (True WDR)	120dB (True WDR)
IR Distance (LEDs)	350 m / 1,148.2 ft (2ea)	-	-	-
Image Stabilizer	Yes (EIS)	-	-	Yes (EIS)
Auto Tracking	No	Yes	Yes	No
Video Out	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	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Supported	Supported	Supported	Supported
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	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	30 ips : 1920 x 1080 (WDR)	60 ips : 1920 x 1080 30 ips : 1920 x 1080 (WDR)	60 ips : 1920 x 1080 30 ips : 1920 x 1080 (WDR)	30ips : 1920 x 1080 (WDR)
Ethernet	RJ 45 (10/100 BASE-T)	RJ45 (10/100/1000BASE-T)	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTSSec)	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60 MB)	Yes (Up to 60MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)
Trigger Event	Motion Detection Alarm in Audio detection Tampering Trip Zone	Motion Detection Alarm in Audio detection Tampering Trip Zone	Motion Detection Alarm in Audio detection Tampering Trip Zone	Motion Detection, Alarm in, Tampering, Trip Zone
Audio In / Out	1 / 1	1 / 1	1 / 1	1 / 1
Alarm In / Out	8 / 2	4 / 2	4 / 2	1 / 1
Vandal Proof Casing	IK 10	IK 10	-	-
Outdoor Ready	IP 66, Heater	IP 67, Heater	-	-
Operating Temperature	-40°C ~ +55°C *Starting up at above -20°C (-4°F)	-40°C ~ +60°C (+40°F ~ +140°F) *Starting Up at Above -20°C (-4°F)	-10°C ~ +60°C (+14°F ~ +140°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)	Ø242 mm x 401.8 mm (Ø9.52" x 15.82")	Ø200 mm x 201 mm (Ø7.88" x 7.91")	Ø226.5 mm x 225.3 mm (Ø8.92" x 8.87")	Ø155 mm x 158.1 mm (Ø6.1" x 6.22")
Weight	6.7 kg (14.77 lb)	2.45 kg (5.41 lb)	2.2 kg (4.86 lb)	1.0 kg (2.20 lb)
Power Source	24 VAC, PoE (75 W)	24 VAC, PoE IEEE 802.3 at (Class 4)	24VAC, PoE IEEE 802.3 af (Class 3)	12VDC, PoE IEEE 802.3af (Class 3)
Power Consumption	HEATER / IR OFF 24 V-, 1.6 A, 26.2 W, 50/60 Hz High-PoE, 50-57 V, 23.6 W HEATER / IR ON 24 V-, 2.3 A, 39.6 W, 50/60 Hz High-PoE, 50-57 V, 35.6 W	HEATER OFF 24V-, 0.66A, 12.0W, 50/60Hz PoE, IEEE 802.3at (Class 4) HEATER ON 24 V-, 0.82 A, 15.3 W, 50/60 Hz PoE, IEEE 802.3 at (Class 4)	24 V-, 0.66 A, 12.0 W, 50/60 Hz PoE, IEEE 802.3 af (Class 3)	12VDC, 9.2W PoE (IEEE 802.3af Class 3), 10W

COVERT MODULAR CAMERAS



Model Name	Fixed Focal, 2MP	
	NEW DC-V4212XJ 4.3mm	NEW DC-V4212XJ 2.4mm
	 	 
Image Sensor	1/2.8" CMOS Sensor	1/2.8" CMOS Sensor
Max. Resolution	1920x1080	1920x1080
Scanning Mode	Progressive Scan	Progressive Scan
Lens Type	Fixed-focal Sharp-cone	Fixed-focal Board type
Focal Length	f=4.3 mm	f=2.4 mm
Aperture	F=2.0	F=2.0
Iris Control	Fixed Iris	Fixed Iris
Angular Field of View	81.6°(H), 42.3°(V), 99°(D)	132.5°(H), 72.7°(V), 154.7°(D)
Min. Illumination	COLOR : 0.1 lux B/W : 0.01 lux	COLOR : 0.1 lux B/W : 0.01 lux
Dynamic Range	120 dB (True WDR)	120 dB (True WDR)
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	Supported	Supported
Audio Compression	G.726, G.711 u-Law, G.711 a-Law	G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes	Yes
Max. Frame Rate	30 ips : 1920 x 1080 (WDR)	30 ips : 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTsrec)	Yes (Up to 60 MB)	Yes (Up to 60 MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)	micro SD/SDHC/SDXC, Smart Failover (Up to 512 GB)
Trigger Event	Motion Detection Alarm in Audio detection Tampering Trip Zone	Motion Detection Alarm in Audio detection Tampering Trip Zone
Audio In / Out	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea
Alarm In / Out	Input1ea / Output 1ea	Input1ea / Output 1ea
Vandal Proof Casing	-	-
Outdoor Ready	-	-
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)
Dimensions (W x H x D) - Main Module	153 mm x 36.5 mm x 132.7 mm (6.02" x 1.44" x 5.22")	153 mm x 36.5 mm x 132.7 mm (6.02" x 1.44" x 5.22")
Dimensions (W x H x D) - Camera Module	Body Only : 37 (W) x 37 (H) x 26.3 (D) mm With Bracket : 58 (W) x 45 (H) x 55.3 (D) mm	Body Only : 37 (W) x 37 (H) x 30.5 (D) mm With Bracket : 58 (W) x 45 (H) x 59.5 (D) mm
Weight	Main module: 0.474 kg (1.045 lb) Camera module: 0.058 kg (0.128 lb)	Main module: 0.474 kg (1.045 lb) Camera module: 0.058 kg (0.128 lb)
Power Source	12 VDC, PoE IEEE 802.3 at (Class 4)	12 VDC, PoE IEEE 802.3 at (Class 4)
Power Consumption	12 V=, 0.42 A, 5.04 W PoE, IEEE 802.3 at(Class 4), 6.3 W	12 V=, 0.42 A, 5.04 W PoE, IEEE 802.3 at(Class 4), 6.3 W

DirectCX[®]

THE MOST ADVANCED HD-TVI SOLUTION

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






HD-TVI RECORDERS

Overlapped Recording







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



TR-4000 SERIES

	DirectCX 16 ch H.265 Recorder (Raid 1 Support)	DirectCX 8 ch H.265 Recorder (Raid 1 Support)
Model Name	NEW TR-4516(R)  	NEW TR-4508(R)  
VIDEO		
Video Inputs	16 BNC (Multistandard Analog)	8 BNC (Multistandard Analog)
Supported Camera Types	5 MP20, 5 MP12, 4 MP30, 4 MP15, 3 MP30, 3 MP18, 1080P30, 1080 P25, 720 P30, 720 P25, CVBS(NTSC/PAL)	
Video Outputs	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	
Display Speed	Up to 480 ips	Up to 240 ips
RECORDING		
Recording Resolution	5MP, 4MP, 3MP, 1920x1080, 1280x720, 960x480, 720x480, 960x240, 720x240 480x240, 360x240	
Frame Rate	480 ips@1080 P	240 ips@1080 P
Recording Mode	Time-Lapse, Event, Pre-Event, Panic	
Trigger Events	Alarm in, Motion Detection, Video loss, Text-in	
PLAYBACK		
Performance	16 ch 1080 p Synchronous Playback	8 ch 1080 p Synchronous Playback
Search Mode	Time-lapse, Event log, Text-in	
Digital Zoom	x 2 ~ x 7	
STORAGE		
HDD	SATA x 4, eSATA x 1 (RAID 1 Supported) (RAID 1 Supported on (R) Models only)	
Data Export Device	USB HDD, USB Stick	
NETWORK		
Client Connection	Gigabit Ethernet x1	
Transmission Speed	30 ips@Full HD per channel, same as recording stream	
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite	
INTERFACE		
Audio In / Out	4 RCA / 1 RCA + 1 HDMI	
Alarm In / Out	16 In / 4 Relay Out	8 In / 4 Relay Out
Alarm Reset In	1	
Serial Interface	RS 232, RS 485 (Terminal Block), USB 2.0, USB 3.0	
GENERAL		
Operating System	Embedded Linux	
Dimensions (W x H x D)	430 mm x 88 mm x 413 mm (16.9" x 3.5" x 16.3")	
Unit Weight	5.7 kg (12.5 lbs)(with 2 HDD)	
Operating Humidity	0 % ~ 90 %	
Power Input	100-240 V~, 50 / 60 Hz, ≤ 2.0 A	
Power Consumption	100-240 V~, 50 / 60 Hz, 1.0-0.5 A, 80 W	100-240 V~, 50 / 60 Hz, 1.0-0.5 A, 80 W
Approvals	FCC, CE, KC, CB, UL, PSE	

TR-2000 SERIES

	DirectCX 16 channel H.265 Recorder	DirectCX 8 channel H.265 Recorder	DirectCX 4 channel H.265 Recorder
Model Name	 TR-2516 	 TR-2508 	 TR-2504 
VIDEO			
Video Inputs	16 BNC (Multistandard Analog)	8 BNC (Multistandard Analog)	4 BNC (Multistandard Analog)
Supported Camera Types	5 MP20, 5 MP12, 4 MP30, 4 MP15, 3 MP30, 3 MP18, 1080P30, 1080 P25, 720 P30, 720 P25, CVBS(NTSC/PAL)	5 MP20, 5 MP12, 4 MP30, 4 MP25, 4 MP15, 3 MP18, 1080 P30, 1080 P25, 720 P30, 720 P25, CVBS (NTSC/PAL)	5 MP20, 5 MP12, 4 MP30, 4 MP25, 4 MP15, 3 MP18, 1080 P30, 1080 P25, 720 P30, 720 P25, CVBS (NTSC/PAL)
Video Outputs	1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA
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, 1280 x 1024 VGA : 1920 x 1080, 1280 x 1024	HDMI : 3840 x 2160, 1920 x 1080, 1280 x 1024 VGA : 1920 x 1080, 1280 x 1024
Display Speed	Up to 480 ips	Up to 240 ips	Up to 120 ips
RECORDING			
Recording Resolution	5 MP, 5 MPHALF(1280x1920), 4 MP, 4 MPHALF(1280x1440), 3 MP, 1920x1080, 1280x720, 960x576, 960x480, 720x576, 720x480, 960x288, 960x240, 640x360, 720x288, 720x240, 480x288, 480x240, 360x288, 360x240	5 MP, 4 MP, 3 MP, 1920x1080, 1280x720, 960x576, 960x480, 720x576, 720x480, 960x288, 960x240, 640x360, 720x288, 720x240, 480x288, 480x240, 360x288, 360x240	5 MP, 4 MP, 3 MP, 1920x1080, 1280x720, 960x576, 960x480, 720x576, 720x480, 960x288, 960x240, 640x360, 720x288, 720x240, 480x288, 480x240, 360x288, 360x240
Frame Rate	240 ips@1080 P, 160 ips@3 MP, 240 ips@4 MPHALF, 112 ips@4 MP, 60 ips@5 MPHALF, 112 ips@5 MP	240 ips@1080 P, 144 ips@3 MP, 120 ips@4 MP, 80 ips@5 MP	120 ips@1080 P, 72 ips@3 MP, 60 ips@4 MP, 40 ips@5 MP
Recording Mode	Time-Lapse, Event, Pre-Event, Panic	Time-Lapse, Event, Pre-Event, Panic	Time-Lapse, Event, Pre-Event, Panic
Trigger Events	Alarm in, Motion detection, Video loss, Text-in	Alarm in, Motion detection, Video loss, Text-in	Alarm in, Motion detection, Video loss, Text-in
PLAYBACK			
Performance	8 ch 1080 p Synchronous Playback	8 ch 1080 p Synchronous Playback	4 ch 1080 p Synchronous Playback
Search Mode	Time-lapse, Event log, Text-in	Time-lapse, Event log, Text-in	Time-lapse, Event log, Text-in
Digital Zoom	x2 - x7	x2 - x7	x2 - x7
STORAGE			
HDD	SATA x2	SATA x2	SATA x2
Data Export Device	USB HDD, USB Stick	USB HDD, USB Stick	USB HDD, USB Stick
NETWORK			
Client Connection	Gigabit Ethernet x1	Fast Ethernet x1	Fast Ethernet x1
Transmission Speed	15 ips@Full HD per channel, same as recording stream	30 ips@Full HD per channel, same as recording stream	30 ips@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	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	4 RCA / 1 RCA + 1 HDMI
Alarm In / Out	4 In / 1 Relay Out	8 In / 1 Relay Out	4 In / 1 Relay Out
Alarm Reset In	-	-	-
Serial Interface	RS 232 / RS 485(Terminal Block), USB 2.0 x 2(Front x 2)	RS 232 / RS 485 (Terminal Block), USB 2.0 x 2 (Front x 2)	RS 232 / RS 485 (Terminal Block), USB 2.0 x 2 (Front x 2)
GENERAL			
Operating System	Embedded Linux	Embedded Linux	Embedded Linux
Dimensions (W x H x D)	340 mm x 46.5 mm x 313.5 mm (13.4" x 1.8" x 12.3")	300 mm x 67 mm x 242.1 mm (11.8" x 2.6 x 9.5")	300 mm x 67 mm x 242.1 mm (11.8" x 2.6 x 9.5")
Unit Weight	3.1kg (6.83 lb) (with 4TB 2HDDs)	3.0 kg (with 2 4 TB HDD)	3.0 kg (with 2 2 TB HDD)
Operating Humidity	0 % - 90 %	0 % - 90 %	0 % - 90 %
Power Input	Adaptor : Input : 100-240 V AC, 50 / 60 Hz, 1.5 A, Output : 12 V DC, 5 A	Adaptor : Input : 100-240 V AC, 50 / 60 Hz, 1.5 A, Output : 12 V DC, 5 A	Adaptor : Input : 100-240 V AC, 50 / 60 Hz, 1.5 A, Output : 12 V DC, 5 A
Power Consumption	12 V=, 1.72 A, 20.64 W	12 V=, 1.84 A, 22.1W	12 V=, 1.7 A, 20.4 W
Approvals	FCC, CE, KC	FCC, CE, KC	FCC, CE, KC





TR-1000 SERIES | IDIS Compact Solution

Model Name	DirectCX 8 channel H.265 Recorder	DirectCX 4 channel H.265 Recorder
	TR-1508	TR-1504
VIDEO		
Video Inputs	8 BNC (Multistandard Analog)	4 BNC (Multistandard Analog)
Supported Camera Types	5MP20, 5MP12, 4MP30, 4MP25, 4MP15, 3MP18, 1080P30, 1080P25, 720P30, 720P25, CVBS(NTSC/PAL)	5MP20, 5MP12, 4MP30, 4MP25, 4MP15, 3MP18, 1080P30, 1080P25, 720P30, 720P25, CVBS(NTSC/PAL)
Video Outputs	1 HDMI, 1 BNC(Spot)	1 HDMI, 1 VGA, 1 BNC(Spot)
Display Resolution	HDMI : 1920 x 1080, 1280 x 1024 Composite : 720x480(NTSC) , 720x576(PAL)	HDMI / VGA : 1920 x 1080, 1280 x 1024 Composite : 720 x 480 (NTSC) , 720 x 576 (PAL)
Display Speed	Up to 240ips	Up to 120ips
RECORDING		
Recording Resolution	5MP, 4MP, 3MP, 1920x1080, 1280x720, 960x576, 960x480, 720x576, 720x480, 960x288, 960x240, 640x360, 720x288, 720x240, 480x288, 480x240, 360x288, 360x240	5MP, 4MP, 3MP, 1920x1080, 1280x720, 960x576, 960x480, 720x576, 720x480, 960x288, 960x240, 640x360, 720x288, 720x240, 480x288, 480x240, 360x288, 360x240
Frame Rate	240ips@1080P, 144ips@3MP, 120ips@4MP, 80ips@5MP	120ips@1080P, 72ips@3MP, 60ips@4MP, 40ips@5MP
Recording Mode	Time-Lapse, Event, Pre-Event, Panic	Time-Lapse, Event, Pre-Event, Panic
Trigger Events	Alarm in, Motion detection, Video loss	Alarm in, Motion detection, Video loss
PLAYBACK		
Performance	8ch 1080p Synchronous Playback	4ch 1080p Synchronous Playback
Search Mode	Time-lapse, Event log	Time-lapse, Event log
Digital Zoom	x2 - x7	x2 - x7
STORAGE		
HDD	SATA x1	SATA x1
Data Export Device	USB HDD, USB Stick	USB HDD, USB Stick
NETWORK		
Client Connection	Fast Ethernet x1	Fast Ethernet x1
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 Solution Suite, IDIS Web(web.idisglobal.com only)	IDIS Center, IDIS Mobile, IDIS Solution Suite, IDIS Web(web.idisglobal.com only)
INTERFACE		
Audio In / Out	1 RCA / 1 RCA + 1 HDMI	1 RCA / 1 RCA + 1 HDMI
Alarm In / Out	4 In / 1 Relay Out	4 In / 1 Relay Out
Alarm Reset In	-	-
Serial Interface	USB 2.0 x 2	USB 2.0 x 2
GENERAL		
Operating System	Embedded Linux	Embedded Linux
Dimensions (W x H x D)	230mm x 46.5mm x 241.1mm	205.0 mm x 44.5 mm x 223.4 mm (8.07" x 1.75" x 8.80")
Unit Weight	1.65kg (with 4TB HDD)	1.3 kg (2.86lb) (with 2TB HDD)
Operating Humidity	0% - 90%	0% - 90%
Power Input	(a) US/JP Adaptor Input : 100-240V AC, 50/60Hz, 1.0A, Output : 12V DC, 3A (b) UK, ETCb Adaptor Input : 100-240V AC, 50/60Hz, 1.2A, Output : 12V DC, 3A (c) KR Adaptor Input : 100-240V AC, 50/60Hz, 0.8A, Output : 12V DC, 3A	(a) US/JP: Adaptor: Input : 100-240V AC, 50/60Hz, 1.0A, Output : 12V DC, 3A (b) UK, ETC: Adaptor: Input : 100-240V AC, 50/60Hz, 1.2A, Output : 12V DC, 3A (c) KR: Adaptor: Input : 100-240V AC, 50/60Hz, 0.8A, Output : 12V DC, 3A
Power Consumption	12V=, 1.1A, 13.2W	12V=, 0.88A, 10.6W
Approvals	FCC, CE, KC	FCC, CE, KC



Quality Compact Solution Packed with Essential and Easy-To-Use Features




HD-TVI DOME CAMERAS

Model Name	5MP			
	TC-D5532WRX	TC-D5532RX	TC-D5531RX	TC-D5511RX
	 5M	 5M	 5M	 5M
VIDEO				
Image Sensor	1/2.8" CMOS Sensor	1/2.8" CMOS Sensor	1/2.8" CMOS Sensor	1/2.8" CMOS Sensor
Max. Resolution	2592 x 1944	2592 x 1944	2592 x 1944	2592 x 1944
Scanning Mode	Progressive Scan	Progressive Scan	Progressive Scan	Progressive Scan
Frame Rate	TVI : 20ips@5MP, 12.5ips@5MP, 30ips@4MP, 30ips@2MP AHD : 20ips@5MP, 12.5ips@5MP, 30ips@4MP, 30ips@2MP CVBS : NTSC / PAL(for previewing video)	TVI : 20ips@5MP, 12.5ips@5MP, 30ips@4MP, 30ips@2MP AHD : 20ips@5MP, 12.5ips@5MP, 30ips@4MP, 30ips@2MP CVBS : NTSC / PAL(for previewing video)	TVI : 20ips@5MP, 12.5ips@5MP, 30ips@4MP, 30ips@2MP AHD : 20ips@5MP, 12.5ips@5MP, 30ips@4MP, 30ips@2MP CVBS : NTSC / PAL(for previewing video)	TVI : 20ips@5MP, 12.5ips@5MP, 30ips@4MP, 30ips@2MP AHD : 20ips@5MP, 12.5ips@5MP, 30ips@4MP, 30ips@2MP CVBS : NTSC / PAL(for previewing video)
Lens Type	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal	Fixed-focal
Focal Length	f = 3.0 mm - 13.5 mm	f = 3.0 mm - 13.5 mm	f = 3.0 mm - 13.5 mm	f = 2.8 mm
Iris Control	DC Iris	DC Iris	DC Iris	Fixed 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)	Wide : 91°(H) 66°(V) 120°(D) Tele : 31°(H) 23°(V) 38°(D)	104.8° (H) 76.9°(V) 130°(D)
Pan / Tilt Range	Pan: -175° ~ 175° Tilt: 0° ~ 67° Rotate: -177° ~ 177°	Pan: -175° ~ 175° Tilt: 0° ~ 67° Rotate: -177° ~ 177°	Pan: -175° ~ 175° Tilt: 0° ~ 67° Rotate: -177° ~ 177°	Pan : -170° ~ 170° Tilt : -5° ~ 67.5° Rotate: -109° ~ 109°
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)	Color : 0.13 Lux @ F1.4 B/W : 0 Lux (IR LED On)	Color : 0.15 Lux @ F 2.0 B/W : 0 Lux (IR LED On)
Dynamic Range	120 dB (True WDR)	120 dB (True WDR)	120 dB (True WDR)	120 dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	30 m / 98.4 ft (4 ea)	30 m / 98.4 ft (4 ea)	30 m / 98.4 ft (4 ea)	20 m / 65.6 ft (4 ea)
Video Out	1 HD BNC (Signal Switchable)	1 HD BNC (Signal Switchable)	1 HD BNC (Signal Switchable)	1 HD BNC (Signal Switchable)
FUNCTION				
Sens-Up	Off / x2 ~ x32	Off / x2 ~ x32	Off / x2 ~ x32	Off / x2 ~ x32
Wide Dynamic Range (WDR)	Off / Frame / Line (Low, Middle, High) ROI Mode Available	Off / Frame / Line (Low, Middle, High) ROI Mode Available	Off / Frame / Line (Low, Middle, High) ROI Mode Available	Off / Frame / Line (Low, Middle, High) ROI Mode Available
Backlight Compensation (BLC)	Off / On	Off / On	Off / On	Off / On
HLC	1 ~ 20 Level Adjustable (All Day / Night Only)	1 ~ 20 Level Adjustable (All Day / Night Only)	1 ~ 20 Level Adjustable (All Day / Night Only)	1 ~ 20 Level Adjustable (All Day / Night Only)
Privacy Masking	Off / On (24 Zone) BOX:16 POLYGON:8	Off / On (24 Zone) BOX:16 POLYGON:8	Off / On (24 Zone) BOX:16 POLYGON:8	Off / On (24 Zone) BOX:16 POLYGON:8
Smart IR (IR Optimizer)	0 ~ 20 Level Adjustable	0 ~ 20 Level Adjustable	0 ~ 20 Level Adjustable	0 ~ 20 Level Adjustable
Digital Noise Reduction	Off / Low / Middle / High	Off / Low / Middle / High	Off / Low / Middle / High	Off / Low / Middle / High
De-Fog	Off / On	Off / On	Off / On	Off / On
Language	ENG / CHN / CHN(S) / JPN / KOR	ENG / CHN / CHN(S) / JPN / KOR	ENG / CHN / CHN(S) / JPN / KOR	ENG / CHN / CHN(S) / JPN / KOR
Menu Control	OSD Button, TVI / AHD Coaxial Protocol	OSD Button, TVI / AHD Coaxial Protocol	OSD Button, TVI / AHD Coaxial Protocol	OSD Button, TVI / AHD Coaxial Protocol
ENVIRONMENTAL				
Outdoor Ready	IP67, IK10	-	-	-
Operating Temperature	-10°C ~ +55°C (14°C ~ +131°C) (Humidity : 0% ~ 90%)	-10°C ~ +50°C (+14°F ~ +122°F) (Humidity : 0% ~ 90%)	-10°C ~ +50°C (+14°F ~ +122°F) (Humidity : 0% ~ 90%)	-10°C ~ +50°C (+14°F ~ +122°F) (Humidity : 0% ~ 90%)
MECHANICAL				
Dimensions (W x H x D)	Ø155 mm x 105 mm (6.1" x 4.13")	Ø122 mm x 103.4 mm (4.8" x 4.07")	Ø122 mm x 103.4 mm (4.8" x 4.07")	Ø110 mm x 78 mm (4.33" x 3.07")
Weight	0.3 kg (0.66 lb)	0.3 kg (0.66 lb)	0.285 kg (0.63 lb)	0.177 kg (0.39 lb)
ELECTRICAL				
Power Source	DC 12 V, AC 24 V	DC 12 V, AC 24 V	DC 12 V	DC 12 V
Power Consumption	DC 12 V / 8 W, AC 24V / 8.3 W	DC 12 V / 8 W, AC 24V / 8.3 W	6.6W	3.4W

HD-TVI DOME CAMERAS

Model Name	2MP	
	TC-D4222WRX	TC-D4222RX
		
VIDEO		
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	Vari-focal	Vari-focal
Focal Length	f = 2.8 mm - 12 mm	f = 2.8 mm - 12 mm
Iris Control	ELC	ELC
Angular Field of View	Wide : 95.1°(H), 50.8°(V), 110.6°(D) Tele : 35.6°(H), 20.0°(V), 40.8°(D)	Wide : 95.1°(H), 50.8°(V), 110.6°(D) Tele : 35.6°(H), 20.0°(V), 40.8°(D)
Pan / Tilt Range	Pan : 0° ~ 360° Tilt : -5° ~ 55° Rotate: 0° ~ 360°	Pan : 0° ~ 360° Tilt : -5° ~ 55° Rotate: 0° ~ 360°
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)
Dynamic Range	120 dB (True WDR)	120 dB (True WDR)
Day and Night	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	30 m / 98.4 ft (24 ea)	30 m / 98.4 ft (24 ea)
Video Out	1 HD BNC, 1 SD BNC	1 HD BNC, 1 SD BNC
FUNCTION		
Sens-Up	Off / x2 ~ x32	Off / x2 ~ x32
Wide Dynamic Range (WDR)	Off / On (Low, Middle, High)	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	IP 66, IK 10	-
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) (Humidity : 0% ~ 90%)	-10°C ~ +50°C (+14°F ~ +122°F) (Humidity : 0% ~ 90%)
MECHANICAL		
Dimensions (W x H x D)	Ø136 mm x 111 mm (Ø5.35" x 4.37")	Ø133 mm x 104 mm (Ø5.24" x 4.09")
Weight	0.903 kg (1.99 lb)	0.383 kg (0.84 lb)
ELECTRICAL		
Power Source	12 VDC, 24 VAC	12 VDC, 24 VAC
Power Consumption	6 W	6 W

HD-TVI BULLET CAMERAS

Model Name	5MP		
	TC-T5532WRX	TC-T5531WRX	TC-T5511WRX (4.0mm / 6.0mm)
	 5M	 5M	 5M
VIDEO			
Image Sensor	1/2.8" CMOS Sensor	1/2.8" CMOS Sensor	1/2.8" CMOS Sensor
Max. Resolution	2592 x 1944	2592 x 1944	2592 x 1944
Scanning Mode	Progressive Scan	Progressive Scan	Progressive Scan
Frame Rate	TVI : 20ips@5MP, 12.5ips@5MP, 30ips@4MP, 30ips@2MP AHD : 20ips@5MP, 12.5ips@5MP, 30ips@4MP, 30ips@2MP CVBS : NTSC / PAL (for previewing video)	TVI : 20ips@5MP, 12.5ips@5MP, 30ips@4MP, 30ips@2MP AHD : 20ips@5MP, 12.5ips@5MP, 30ips@4MP, 30ips@2MP CVBS : NTSC / PAL (for previewing video)	TVI : 20ips@5MP, 12.5ips@5MP, 30ips@4MP, 30ips@2MP AHD : 20ips@5MP, 12.5ips@5MP, 30ips@4MP, 30ips@2MP CVBS : NTSC / PAL (for previewing video)
Lens Type	Motorized Vari-focal	Motorized Vari-focal	Fixed-focal
Focal Length	f = 3.0 mm - 13.5 mm	f = 3.0 mm - 13.5 mm	f = 4.0 mm
Aperture	F 1.4 - 3.2	F 1.4 - 3.2	F 2.15
Iris Control	DC Auto IRIS	DC Auto IRIS	Fixed 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)	79.2° (H) 56.6°(V) 103°(D) (f = 4.0 mm) 49.9° (H) 37°(V) 63.6°(D) (f = 6.0 mm)
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)	Color : 0.17 Lux @ F1.6, B/W : 0 Lux (IR LED On) (f = 4.0 mm) Color : 0.11 Lux @ F1.6, B/W : 0 Lux (IR LED On) (f = 6.0 mm)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	30 m / 98.4 ft (4ea)	30 m / 98.4 ft (4ea)	20 m / 65.6ft (4ea)
Video Out	1 HD BNC (Signal Switchable)	1 HD BNC (Signal Switchable)	1 HD BNC (Signal Switchable)
FUNCTION			
Sens-Up	Off / x2 ~ x32	Off / x2 ~ x32	Off / x2 ~ x8
Wide Dynamic Range (WDR)	Off / Frame / Line (Low, Middle, High) ROI Mode Available	Off / Frame / Line (Low, Middle, High) ROI Mode Available	Off / Frame / Line (Low, Middle, High) ROI Mode Available
Backlight Compensation (BLC)	Off / On	Off / On	Off / On
HLC	1 ~ 20 Level Adjustable (All Day / Night Only)	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	Off / Low / Middle / High
De-Fog	Off / On	Off / On	Off / On
Language	ENG / CHN / CHN(S) / JPN / KOR	ENG / CHN / CHN(S) / JPN / KOR	ENG / CHN / CHN(S) / JPN / KOR
Menu Control	OSD Button, TVI / AHD Coaxial Protocol	OSD Button, TVI / AHD coaxial protocol	OSD Button, TVI / AHD coaxial protocol
ENVIRONMENTAL			
Outdoor Ready	IP67, IK10	IP67, IK10	IP66
Storage Temperature	-20°C ~ +60°C (-4°F ~ +140°F) (Humidity : 0% ~ 95%)	-20°C ~ +60°C (-4°F ~ +140°F) (Humidity : 0% ~ 95%)	-20°C ~ +60°C (-4°F ~ +140°F) (Humidity : 0% ~ 95%)
Operating Temperature	-10°C ~ +55°C (14°F ~ +131°F) (Humidity : 0% ~ 90%)	-10°C ~ +55°C (14°F ~ +131°F) (Humidity : 0% ~ 90%)	-10°C ~ +55°C (14°F ~ +131°F) (Humidity : 0% ~ 90%)
MECHANICAL			
Dimensions (W x H x D)	80 mm x 75 mm x 237 mm (3.15" x 2.95" x 9.33")	80 mm x 75 mm x 237 mm (3.15" x 2.95" x 9.33")	70 mm x 60 mm x 182.7 mm (2.75" x 2.36" x 7.19")
Weight	0.87 kg (1.92 lb)	0.87 kg (1.92 lb)	0.24 kg (0.53 lb)
ELECTRICAL			
Power Source	DC 12 V, AC 24 V	DC 12 V	DC 12 V
Power Consumption	DC12 V / 8 W, AC 24 V / 8.3 W	6.6 W	3.4 W



HD-TVI BULLET CAMERAS

	2MP	
	TC-T4222WRX	TC-E4211WRX
Model Name	 	 
VIDEO		
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	Vari-focal	Fixed-focal
Focal Length	f = 2.8 mm ~ 12 mm	f = 4.0 mm
Iris Control	ELC	Fixed Iris
Angular Field of View	Wide : 96.7°(H), 51.8°(V), 112.4°(D) Tele : 35.2°(H), 19.8°(V), 40.4°(D)	82.7°(H), 44.2°(V), 97.1°(D)
Pan / Tilt Range	-	-
Min. Illumination	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)
Day and Night	40 m / 131.2 ft (4 ea)	20 m / 65.6 ft (4 ea)
IR Distance (LEDs)	-	-
Video Out	1 HD BNC , 1 SD BNC	1 HD BNC
FUNCTION		
Sens-Up	Off / x2 ~ x32	Off / x2 ~ x32
Wide Dynamic Range (WDR)	Off / On (Low, Middle, High)	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	-	-
De-Fog	Off / On	Off / On
ENVIRONMENTAL		
Outdoor Ready	IP 66	IP 66
Operating Temperature	-10°C ~ +55°C (14°F ~ +131°F) (Humidity : 0% ~ 90%)	-10°C ~ +55°C (14°F ~ +131°F) (Humidity : 0% ~ 90%)
MECHANICAL		
Dimensions (W x H x D)	Φ77.5 mm x 212 mm (Φ3.05" x8.35")	Φ69.1 mm x 210.4 mm (Φ2.71" x8.26")
Weight	0.682 kg (1.50 lb)	0.585 kg (1.29 lb)
ELECTRICAL		
Power Source	12 VDC, 24 VAC	12 VDC
Power Consumption	8.5 W	6 W
ELECTRICAL		
Power Source	DC 12 V, AC 24 V	DC 12 V
Power Consumption	DC12 V / 8 W, AC 24 V / 8.3 W	6.6 W



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

HD-TVI BOX CAMERA

	5MP	2MP
	TC-B5501X	TC-B4202X
Model Name	 5M	 Full HD 2MP
VIDEO		
Image Sensor	1/2.8" CMOS Sensor	1/2.8" CMOS Sensor
Max. Resolution	2592 x 1944	1920 x 1080
Scanning Mode	Progressive Scan	Progressive Scan
Frame Rate	TVI : 20ips@5MP, 12.5ips@5MP, 30ips@4MP, 30ips@2MP AHD : 20ips@5MP, 12.5ips@5MP, 30ips@4MP, 30ips@2MP CVBS : NTSC / PAL(for previewing video)	-
Lens Type	Optional (C/CS Mount Lens)	Optional (C/CS Mount Lens)
Focal Length	-	-
Iris Control	DC Auto Iris / ELC	DC Auto IRIS / ELC
Angular Field of View	-	-
Pan / Tilt Range	-	-
Min. Illumination	Color : 0.11 Lux @ F 1.6 B/W : 0.06 Lux @ F 1.6	Color :0.1 Lux @ F 1.4 B/W : 0.05 Lux @ F 1.4
Day and Night	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	-	-
Video Out	1 HD BNC (Signal Switchable)	1 HD BNC , 1 SD BNC
FUNCTION		
Sens-Up	Off / x2 ~ x32	Off / x2 ~ x32
Wide Dynamic Range (WDR)	Off / Frame / Line (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)
Privacy Masking	Off / On (24 Zone) BOX:16 POLYGON:8	Off / On (16 Zone)
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
Language	ENG / CHN / CHN(S) / JPN / KOR	-
Menu Control	OSD Button, TVI / AHD coaxial protocol	-
ENVIRONMENTAL		
Outdoor Ready	-	-
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) (Humidity : 0% ~ 90%)	-10°C ~ +50°C (+14°F ~ +122°F) (Humidity : 0% ~ 90%)
MECHANICAL		
Dimensions (W x H x D)	75.6 mm x 61 mm x 129.3 mm (2.98" x 2.4" x 5.09")	61 mm x 52 mm x 116 mm (2.40" x 2.05" x 4.57")
Weight	0.24 kg (0.53 lb)	0.317 kg (0.7 lb)
ELECTRICAL		
Power Source	DC 12 V	12 VDC, 24 VAC
Power Consumption	1.8 W	5 W


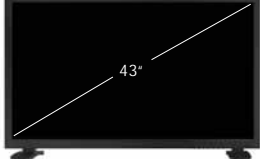
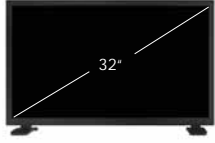
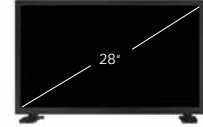

SECURITY MONITORS

Bringing You the Ultimate Surveillance Experience

The IDIS DirectView VW-F552 video wall monitor has been specially designed for use in control rooms with an array of surveillance-oriented features which addresses the needs of security environments. VW-F552 advances video wall technology with the world's narrowest 3.5mm ultra-narrow bezel, which provides a seamless viewing experience with unrivalled image quality. Featuring a 55-inch Full HD S-IPS LCD panel with LED backlight, the VW-F552 also provides exceptional reliability for 24/7 use in a control room with a range of unique innovations that significantly reduces total cost of ownership with lower power consumption, maintenance cost, and a longer lifetime.








SECURITY MONITORS

	VW-F552	SM-F432	SM-F322	SM-U282	SM-F212
Model Name					
PANEL					
Type	LED	LED	LED	LED	LED
Screen Size	55 Inch	43 Inch	32 Inch	28 Inch	21.5 Inch
Active Display Area	1,209.6 mm(H) x 680.4 mm(V)	941.184 mm(H) x 529.416 mm(V)	698.40 mm(H) x 392.85 mm(V)	648.90 mm(H) x 369.30 mm(V)	476.64 mm(H) x 268.11 mm(V)
Max. Resolution	1920 x 1080 @ 60 Hz	1920 x 1080 @ 60 Hz	1920 x 1080 @ 60Hz	3840 x 2160 @ 60Hz	1920 x 1080 @ 60 Hz
Brightness	500 cd / m ²	300 cd / m ²	250 cd / m ²	300 cd / m ²	220 cd / m ²
Contrast Ratio	1400 : 1	1200 : 1	1200 : 1	1000 : 1	1000 : 1
Viewing Angle (H/V)	178° / 178°	178° / 178°	178° / 178°	170° / 160°	170° / 160°
Frequency (H/V)	31-67 Khz / 49-60 Khz	30-80 Khz / 50-75 Khz	30-80 Khz / 50-75K hz	30-83 Khz / 56-75 Khz	30-80 Khz / 50-75 Khz
Response Time (G2G)	<8 ms	<8 ms	<6.5 ms	<5 ms	<5 ms
INTERFACE					
Hybrid (AHD,TVI,CVI, CVBS) In/Out	-	1/1	1/1	-	-
HDMI In	2 (HDMI 2.0 x 1, 1.4 x 1)	1	1	4 (HDMI 2.0 x 1, 1.4 x 3)	1
Display Port	1(1.2 Ver.)	-	-	1 (1.2 Ver.)	-
VGA Input	1	1	1	-	1
DVI In/Out	1 / 1*	-	-	-	-
Audio In/Out	-	1 / 1	1 / 1	0 / 1	1 / 0
BNC Video In/Out	-	1 / 1	1 / 1	-	1 / 1
RS232 In/Out	1 / 1 (RJ45)	-	-	-	-
USB	1	-	-	-	-
GENERAL					
Outline Dimension(WxHxD)	1,213.4 mm x 684.2 mm x 121.85 mm (47.77" x 26.94" x 4.79")	985.0 mm x 614.77 mm x 180.0 mm (38.78" x 24.20" x 7.09")	741.2 mm x 472.9 mm x 180.0 mm (29.18" x 18.62" x 7.09")	661.5 mm x 388.9 mm x 180.0 mm (26.04" x 15.31" x 7.09")	507.0 mm x 370.2 mm x 149.1 mm (19.96" x 14.56" x 5.87")
Bezel width (Spec. for VideoWall)	3.5 mm (Bezel to Bezel)	-	-	-	-
Net Weight/Gross Weight	27.5 Kg (60.62 lb) / 35Kg (77.16 lb)	15.6 Kg (34.4 lb) / 19.5 Kg (42.99 lb)	12.5 Kg (27.56 lb) / 15.6 Kg (34.4 lb)	8.5 Kg (18.73 lb) / 10.5 Kg (23.15 lb)	3.8 Kg (8.38 lb) / 4.8 Kg (10.58 lb)
Material/Color	Metal / Black	Metal / Black	Metal / Black	Metal / Black	Plastic / Black
Warranty-Parts/Labor	3 Year / 3 Year	3 Year / 3 Year	3 Year / 3 Year	3 Year / 3 Year	3 Year / 3 Year
MTBF	50,000 Hours	50,000 Hours (Panel)	50,000 Hours (Panel)	50,000 Hours (Panel)	50,000 Hours (Panel)
Power Supply	AC 100-240 V (50 / 60 Hz)	AC 100-240 V (50 / 60 Hz)	AC 100-240 V (50 / 60 Hz)	DC 12V, 5A (AC 100-240 V [50 / 60 Hz])	DC 12V, 3A (AC 100-240 V [50/60Hz])
Power Consumption - Typical	200 W	67 W	50 W	35 W	25.2 W
- Stand by	<0.5 W	<0.5 W	<0.5 W	<0.5 W	<0.5 W
Power Savings(DPMS)	Yes	Yes	Yes	Yes	Yes
Operating Temperature	0°-40°C (32°F-104°F)	-10°-50°C (14°F-122°F)	-10°-50°C (14°F-122°F)	-10°-50°C(14°F-122°F)	0°-40°C(32°F-104°F)
Storage Temperature	-10°-60°C (14°F-140°F)	-20°-60°C (-4°F-140°F)	-20°-60°C (-4°F-140°F)	-20°-60°C(-4°F-140°F)	-20°-60°C(-4°F-140°F)
Built-In Speaker	-	Yes (5W x 2)	Yes (5W x 2)	Yes (5W x 2)	Yes(3W x 2)
Remote Control	Yes	Yes	Yes	Yes	Yes
VESA Mount Size	600 mm x 400 mm / M6 x 12 Screws	300 mm x 300 mm / M6 x 10 Screws	200 mm x 200 mm / M6 x 10 Screws	100 mm x 100 mm / M4 x 6 Screws	100 mm x 100 mm / M4 x 6 Screws
Operation Hours	24/7	24/7	24/7	24/7	24/7
Prevent Burn-In	Yes	Yes	Yes	Yes	Yes


*DVI Port Pass through up to 10 X 10


NETWORK ACCESSORIES


	Network Keyboard	Long Range PoE Extender	Single Port PoE Injector	Single Port PoE Injector
	NK-1200	DA-LP1101R / DA-LP1101T	PoE 400	DA-PI2101
Model Name				
Key Features	<ul style="list-style-type: none"> · 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 802.3 af class 0) 	<ul style="list-style-type: none"> · Up to 500m PoE transmission between devices using UTP cabling · Up to 700 m DATA transmission between equipments using UTP cabling · Plug-and-play without any required PC setting · Supports 1Gbps / IEEE802.3 at for PoE Injector · Supports 1Gbps / IEEE802.3 at / 100m for PoE Repeater 	<ul style="list-style-type: none"> · Up to 90W of PoE Power · Compatible with IEEE 802.3 af, IEEE 802.3 at, IEEE 802.3 bt · Protects low power devices to receive only the power they need · Automatic detection and protection of non-standard ethernet terminals · Support 10/100/1000 Base-T Lan environment 	<ul style="list-style-type: none"> · Up to 30W of PoE power feeding on two pairs · Compatible with IEEE 802.3 af, IEEE 802.3 at · Protects low power devices to receive only the power they need · Automatic detection and protection of non-standard ethernet terminals · Parallel slide-in design for easy installation

	DH-2328PF-A	DH-2026PF	DH-2212PF	DH-2018P	DH-2010P
Model Name					
Key Features	<ul style="list-style-type: none"> · Individual port data transmission to DirectIP NVR · PoE (IEEE 802.3 af/ IEEE 802.3 at) compliant · Maximum per-device PoE delivery of 370 W available for 1 to 24 RJ45 ports · Central power control for greater network utility · Supports 24 GbE RJ45 ports and Uplink 4 GbE SFP slots 	<ul style="list-style-type: none"> · Individual port data transmission to DirectIP NVR · PoE (IEEE 802.3 af, IEEE 802.3 at) compliant · Maximum per-device PoE delivery of 360W available for 1~24 RJ45 ports · Central power control for greater network utility · Supports 24 FE RJ45 ports and Uplink 2 GbE RJ45 / 2 GbE SFP combo slots 	<ul style="list-style-type: none"> · Individual port for data transmission to DirectIP NVR · PoE (IEEE 802.3 af, IEEE 802.3 at) compliant · Maximum per-device PoE delivery of 140 W available for 1 to 8 RJ45 ports · Central power control for greater network utility · Supports 8+2 RJ45 ports and 2 SFP slots 	<ul style="list-style-type: none"> · Individual port for data transmission to DirectIP NVR · PoE (IEEE 802.3 af, IEEE 802.3 at) compliant · Maximum per-device PoE delivery of 140 W available for 1 to 16 RJ45 ports · Central power control for greater network utility · Supports 16+2 RJ45 ports 	<ul style="list-style-type: none"> · Individual port for data transmission to DirectIP NVR · PoE (IEEE 802.3 af, IEEE 802.3 at) compliant · Maximum per-device PoE delivery of 70 W available for 1 to 8 RJ45 ports · Central power control for greater network utility · Supports 8+2 RJ45 ports

NETWORK ACCESSORIES

Model Name	SFP Transceiver	
	FTLF1318P3BTL	FTLF8519P3BNL
		
Key Features	<ul style="list-style-type: none"> Up to 10 km on 9/125 μm SMF Up to 1.25 Gb/s bi-directional data links Hot-pluggable SFP footprint 1310 nm Fabry-Perot laser transmitter Compatibility with DH series and DA-MC1101 	<ul style="list-style-type: none"> Up to 500 m on 50/125 μm MMF, 300 m on 62.5/125 μm MMF Up to 2.125 Gb/s bi-directional data links Hot-pluggable SFP footprint 850 nm Oxide VCSEL laser transmitter Compatibility with DH series and DA-MC 1101

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

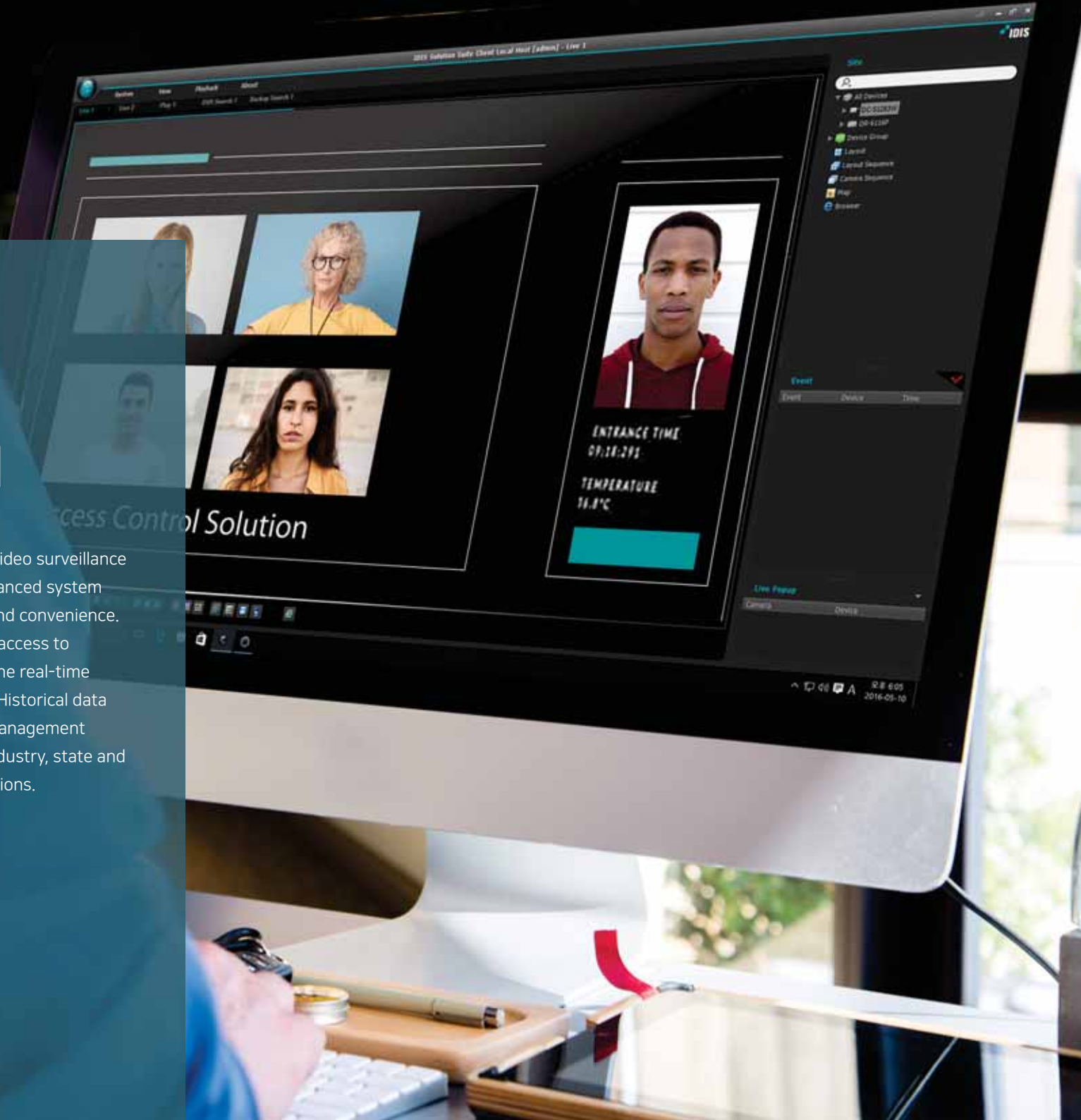
Model Name	DP-DE2108	
		
Video Inputs	8 BNC	
Max Resolution	2560 x 1920	
Video Compression	H.265, H.264	
Max Frame Rate	240 ips@1080 P, 144 ips@ 3 MP, 120 ips@ 4 MP, 80 ips@ 5 MP	
Multi-video Streaming	Quadruple Streaming	
Ethernet	RJ 45 (10/100 BASE-T)	
Ethernet	Motion Detection, Tampering, Trip Zone,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

Model Name	HDMI/VGA Video Encoder	
	DP-HE1201	
		
Video codec	H.265, H.264, MJPEG, Intelligent Codec	
Max. Framerate	1920 x 1080 @ 30 ips	
Bitrate	Up to 12 MP	
Max Resolution	1920 x 1080	
Streaming	Quadruple Streaming	
Max Network Throughput	30 Mbps	
Built-in OSD	English, Korean	
Input	1 x HDMI, 1 x VGA	
Output	1 x HDMI (Input Bypass) 1 x VGA (Input Bypass)	
Audio Input / output	1 x line in (3.5 mm) / 1 x line out (3.5 mm)	
Network interface	1 x RJ 45 (10/100)	
IP Camera Protocol	DirectIP 2.0, ONVIF	
Power source	12 VDC, PoE (IEEE 802.3af Class 2)	
Power Consumption	12 V=, 0.46 A, 5.52 W PoE, IEEE 802.3 af (Class 2)	
Approvals	FCC, CE, KC	


Model Name	Decoder	
	DP-DD1316	
		
Video Compression	H.264, H.265	
Video Input	16 ch IP	
Video Input Resolution	Up to 12 MP	
Supported Devices	IDIS IP Camera	
Video Outputs	1 HDMI, 1 VGA, 1 CVBS	
Display Resolution	HDMI : 3840x2160, 2560x1440, 1920x1200, 1920x1080, 1680x1050, 1600x1200 VGA : 2560x1440, 1920x1200, 1920x1080, 1680x1050, 1600x1200 CVBS : 720x480(NTSC) , 720x576(PAL)	
Display Speed	Up to 480 ips	
Max. Network Throughput	90 Mbps	
Network Connection	Gigabit Ethernet x 1	
PoE (Class)	Yes (IEEE 802.3 af Class 3)	
Power Source	12 VDC, PoE	
Power Consumption	12 V =, 1.03 A, 12.7 W PoE, IEEE 802.3 af (Class 3)	
Approvals	FCC, CE, KC	


ACCESS CONTROL SOLUTION


Our integrated access control and video surveillance management solution provides advanced system control for strengthened security and convenience. Users can manage people flow and access to facilities effectively by monitoring the real-time status of staff and visitors on-site. Historical data analysis provides comprehensive management reports and audit trails to satisfy industry, state and federal government specific regulations.



ACCESS CONTROL

UBio-X Slim	
Premium Card & Fingerprint Recognition Terminal	
Model Name	
OS	Embedded LINUX 3.4
Fingerprint Sensor Type	Slim / Flat Optical
CPU	Quad Core 1.4GHz (Cortex-A9)
Memory	8 Gbyte Flash DDR3 2GB RAM (512MB x 4)
Display	5" color TFT LCD with Touch
RF / Smart card option	13.56MHz Samrt Card Reader, 125KHz-EM, HID Prox/iClass (Optional) RF Card Reader
Capacity	Max User : 500,000 Fingerprint 1 : 200,000 Templates < 1sec> Event Logs: 10,000,000 Photo Logs : 50,000
Interface	RS-232/RS-485 Wiegand IN/OUT Wifi (Optional) USB 2.0 OTG
Dimension (W x H x D)	80 mm x 195.6 mm x 23.5 mm (Upper) / 54.67 (Lower)
Approvals	KC, CE, FCC

UBio-X Iris	
Multi-Biometric Iris & Fingerprint Recognition Terminal	
Model Name	
Biometric	Iris & Fingerprint
CPU	Cortex-A9 Quad Core 1.0GHz
Memory	eMMC 16GByte DDR3 533MHz 2GB (512MB x 4)
Display	5" Touch LCD
RF / Smart card option	13.56MHz Samrt Card Reader (Module), ISO 14443A/B, MiFare, Felica, 125KHz RF Card Reader (Module), EM, 125KHz HID Prox Card Reader (Optional)
Image Standard	ISO/IEC 19794-6 2011 ISO/IEC 29794-6
Capacity	Up to 200,000 (1 Iris/1 User) Up to 200,000 (1 Finger/ 1 User) Iris 1 : 40,000 < 1> Fingerprint 1 : 100,000 < 1sec> Event Logs: 10,000,000 Photo Logs: 20,000
Dimension (W x H x D)	160.6 mm x 214.1 mm x 45.7 mm
Approvals	KC, CE, FCC, IEC62471

UBio-X Face	
Face Recognition Terminal	
Model Name	
Biometric	Face
CPU	Cortex-A9 Quad Core 1.4GHz
Memory	16GB Flash + DDR 512MB x 4 (2GB)
Interface	External I/O, TCP/IP, RS-232, RS-485, Wiegand, PoE (Optional), HID Prox, iClass (Optional)
Capacity	Up to 500,000 Users (1Card : 1User) Up to 20,000 Users (1Face : 1User) Event Logs: 10,000,000 Photo Logs: 20,000
Display	5" Color Touch Screen
Dimension(W x H x D)	96 mm x 211 mm x 35.3 mm
Dust & Waterproof	IP65
Approvals	KC, CE, FCC

Integrated Access Control and Video Tech



SOFTWARE SOLUTIONS

Our integrated access control and video surveillance management solution provides advanced system control for strengthened security and convenience. Users can manage people flow and access to facilities effectively by monitoring the real-time status of staff and visitors on-site. Historical data analysis provides comprehensive management reports and audit trails to satisfy industry, state and federal government specific regulations.



Enterprise-Class and Multi-Site VMS



IDIS SOLUTION SUITE®

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

Administration

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

Monitoring

The IDIS Solution Suite Monitoring service module allows centralised event dispatch services allowing you to route a specific set of events to a specific (group of) user(s) based on the event types, schedule, 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 is where video is recorded directly from IP cameras or IP video encoders. This module running on a PC server platform can be configured to utilise a centralised storage solution with a much bigger size, such SAS or iSCSI/SAN. In addition, 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 a tandem recording. Users can create redundant video in a separate server, which can be located in a remote location. In the event of the primary IDIS Solution Suite recording server being destroyed, your data is then protected in a remote location.

IDIS Client



IDIS CENTER

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



IDIS MOBILE +

You can access a remote NVR, monitor live video images, and search recorded video using an iPhone, iPad, Android phone, and Android tablet PC any time from virtually anywhere.



IDIS WEB

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



Backup

The IDIS Solution Suite Backup service module can be used to provide an offline backup of video. This service module allows you to choose a set of cameras to be archived on a pre-programmed schedule, which also enables you to archive your video, while minimising network traffic during peak hours of operation. Further, the IDIS Solution Suite Backup service provides two additional options to maximise the data retention period of your offline backup storage; summary backup and event video only backup mode.

Video Wall

The IDIS Solution Suite Video Wall service allows operators to manage and control any camera from DirectIP NVRs, DirectCX TVRs 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. Plus, the Video Wall service allows users to expand their surveillance capability by encompassing up to 384 monitors.

Federation

IDIS Solution Suite Federation module works in a very similar way 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 for the centralised management of access privilege control over devices registered to multiple IDIS Solution Suite systems.

IDIS Solution Suite Federation also allows your video surveillance system to grow into a practically unlimited number of cameras. For example, each IDIS Solution Suite system can manage up to 1,024 devices, and each device can have 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 Video Wall services.

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

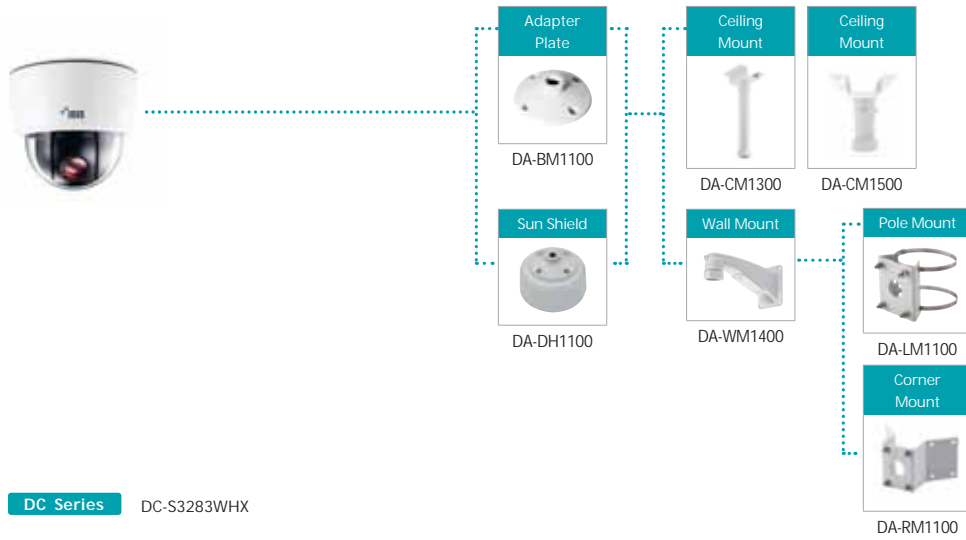
CAMERA CONFIGURATION TREE

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

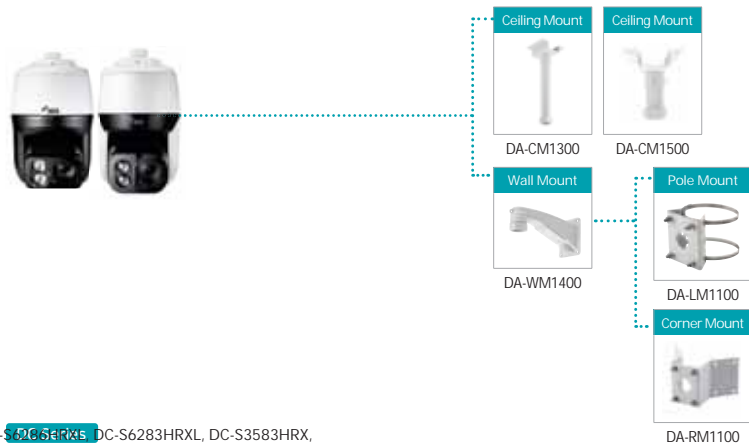




SPEED DOME (1)

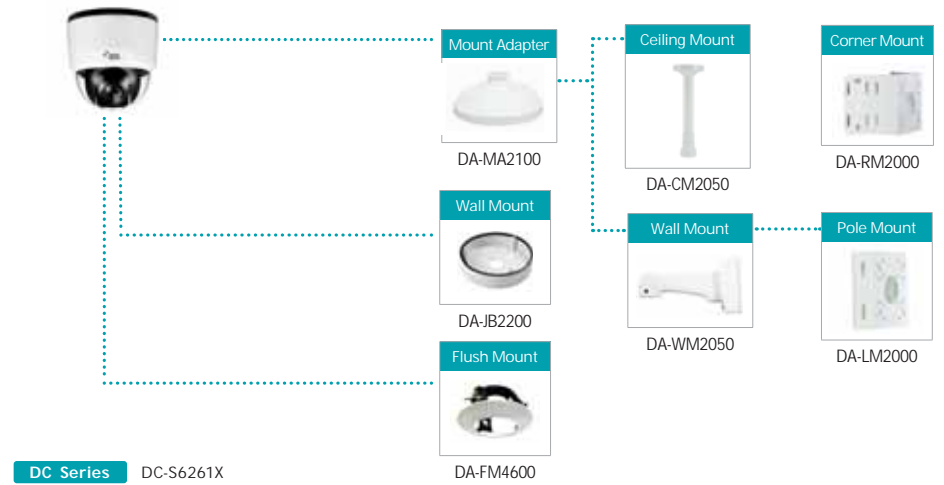


SPEED DOME (2)



DC-S6283HRX, DC-S6283HRXL, DC-S3583HRX,
DC-S3883HRX, DC-S6681HRX, DC-S6881HRX

SPEED DOME (3)

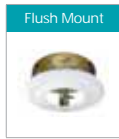


DOME (1)



DC Series DC-D4217RX
TC Series TC-D4211RX

DOME (2)



DA-FM1500



DA-MA4300



DA-CM2050



DA-WM2050



DA-WM2160



DA-LM2000



DA-RM2000

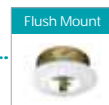
DC Series DC-D4536RX, DC-D4233RX, DC-D4223RX

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

DOME (2-1)



DA-MA4300



DA-FM1500



DA-CM2050



DA-WM2050



DL-LM2000



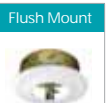
DL-RM2000

DC Series DC-D4236RX, DC-D4236X

DOME (3)



DA-WM2160



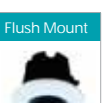
DA-FM1500

TC Series TC-D4222RX, TC-D4221RXP

DOME (4)



DA-WM2160



DA-FM4100

DC Series DC-D4216RX, DC-D4216X, DC-D4213RX

TC Series TC-D5511RX

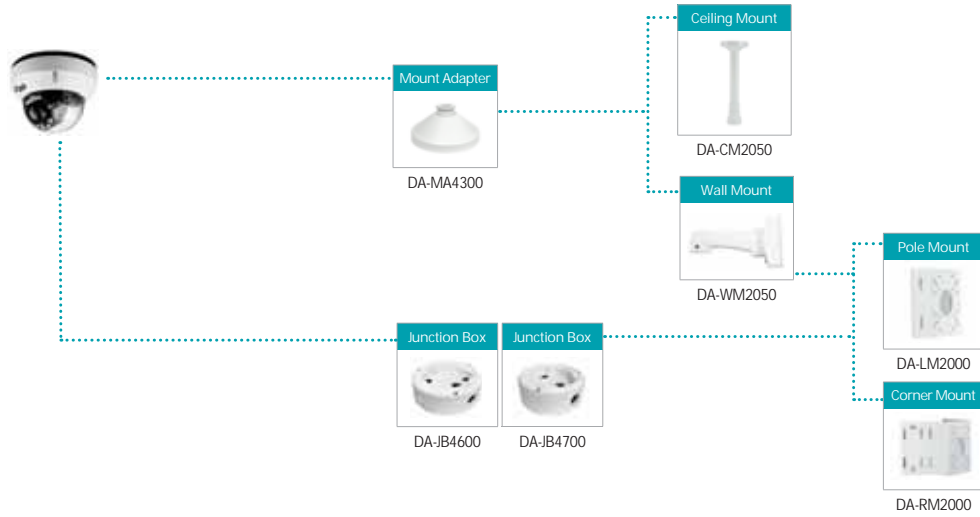
DOME (5)



DA-WM4100

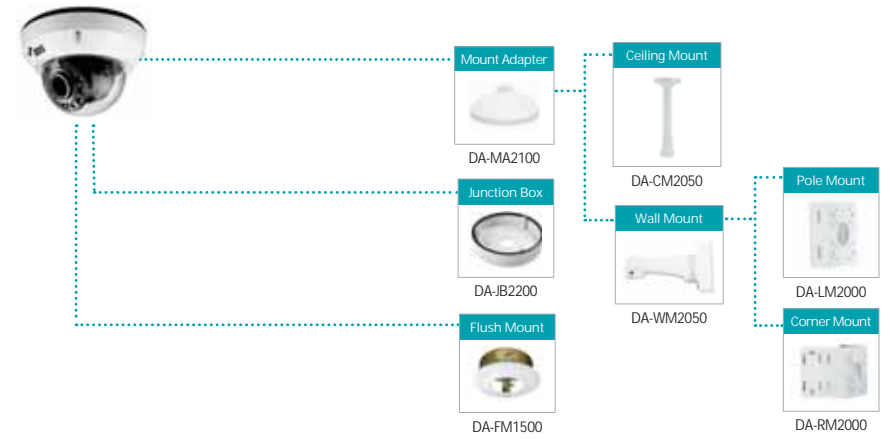
DC Series DC-D4211CRX

DOME (6)



DC Series DC-D4811WRX, DC-D4516WRX, DC-D4216WRX, DC-D4213WRX

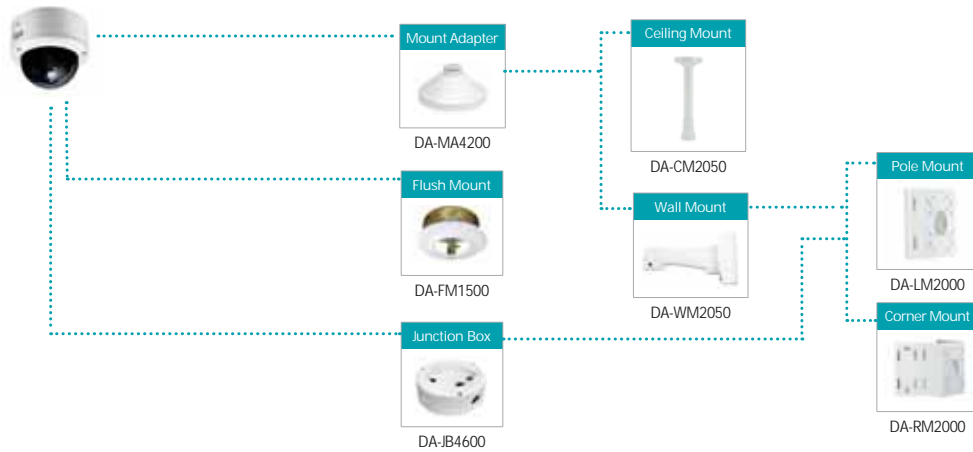
DOME (8)



DC Series DC-D4831HRX, DC-D4536HRX, DC-D4236HRX, DC-D4236WRX

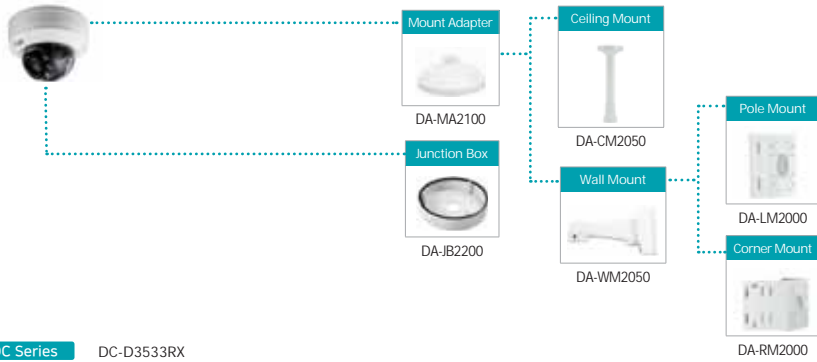
TC Series TC-D5532WRX, TC-D5531WRX, TC-D5531WRXP

DOME (7)

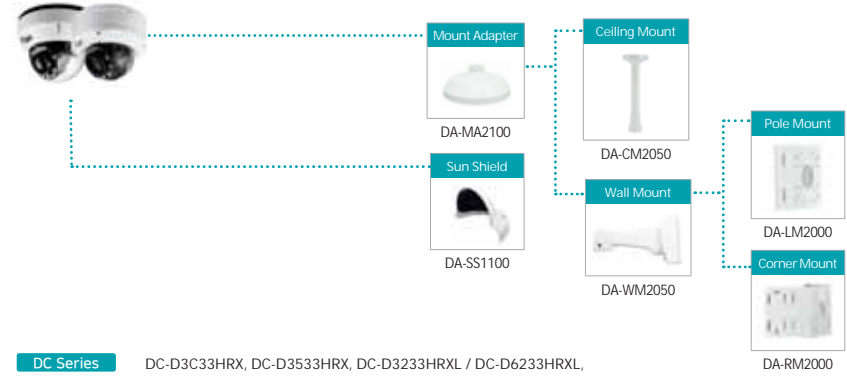


TC-D Series TC-D4222WRX, TC-D4221WRXP

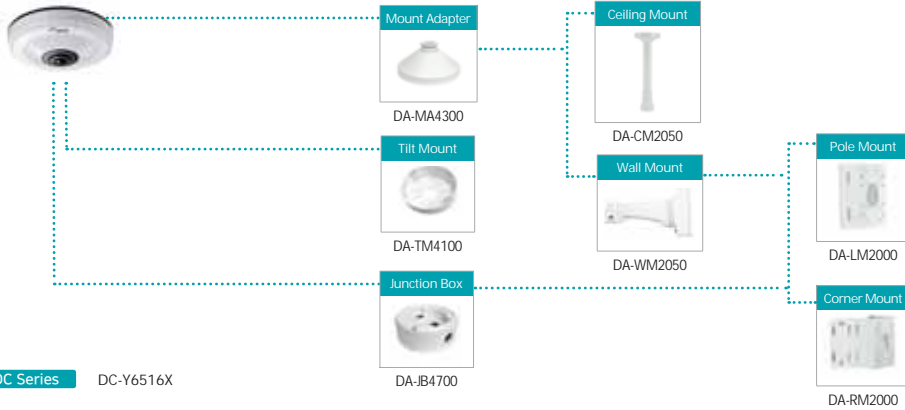
DOME (8-1)



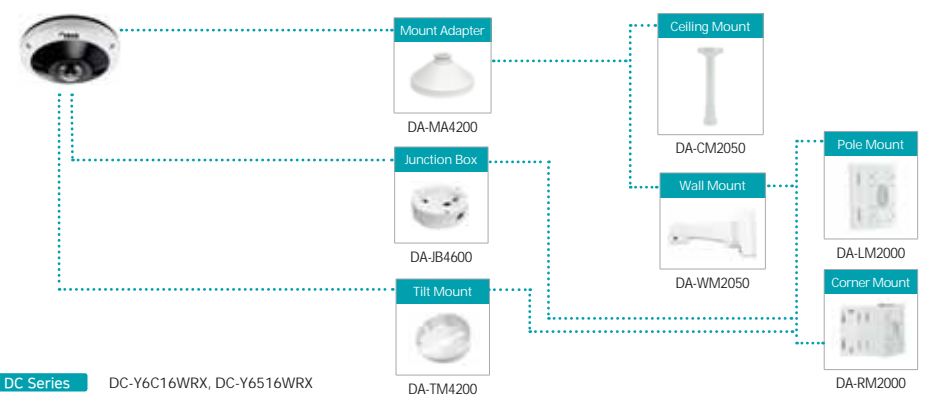
DOME (10)



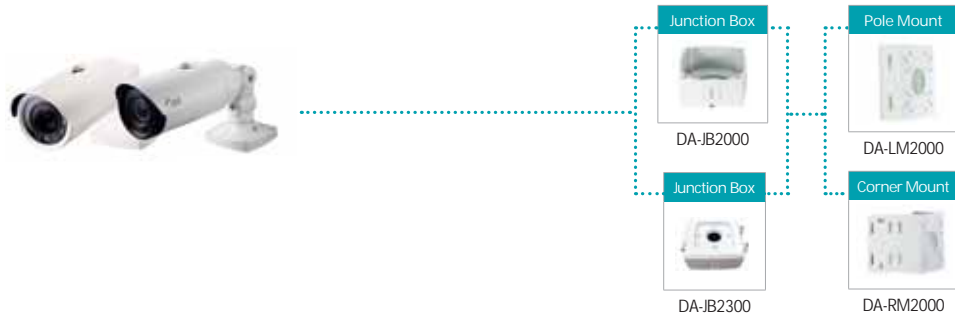
FISHEYE (2)



FISHEYE (3)

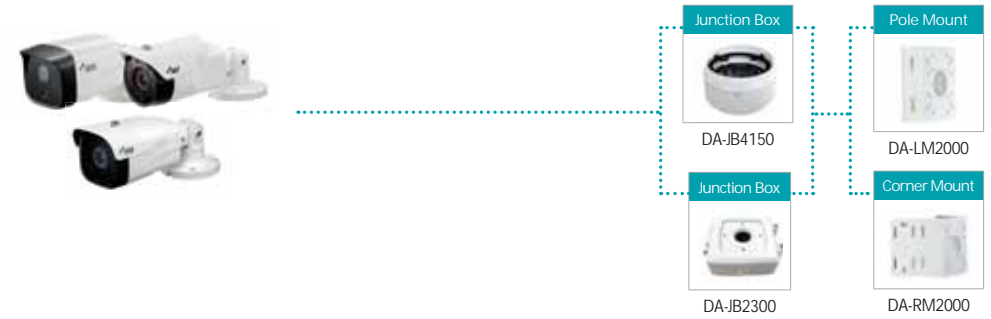


BULLET (1)



DC Series DC-T3533HRX, DC-T3233HRXL / DC-T6233HRXL,
DC-T3233HRX / DC-T6233HRX, DC-T3243HRX / DC-T6243HRX

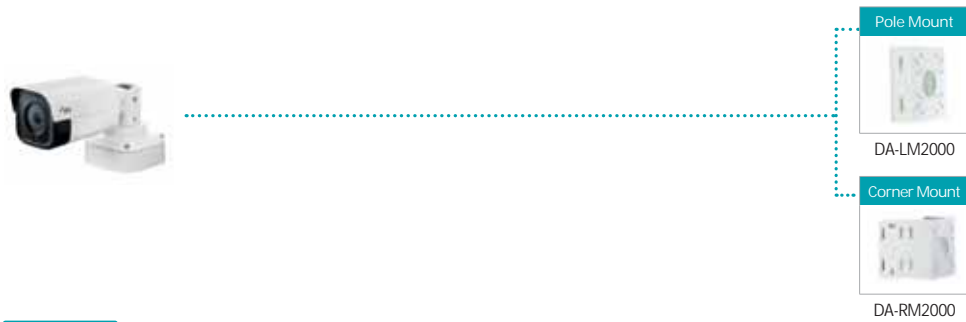
BULLET (3)



DC Series DC-T4831HRX, DC-T4536HRX, DC-T4236HRX, DC-T4233HRX, DC-T4236WRX,
DC-T4233WRX, DC-T4811WRX, DC-T4516WRX, DC-E4216WRX, DC-E4213WRX

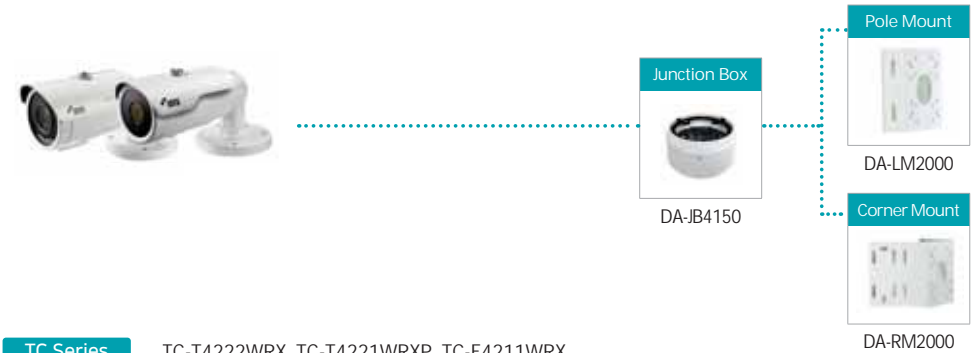
TC Series TC-T5532WRX, TC-T5531WRX, TC-T5531WRXP

BULLET (2)



DC Series DC-T3C33HRX

BULLET (4)



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

BULLET (5)



DA-WM3100

DC Series DC-T622HRL

BOX / ZOOM



DA-BH1100



DA-WM1500

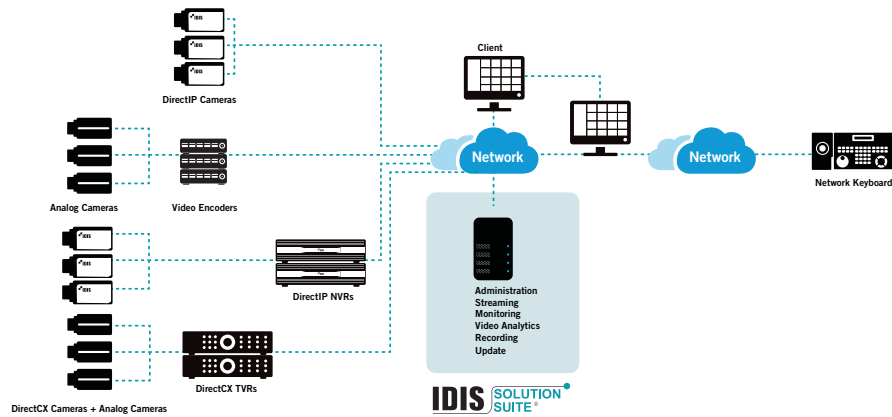
DC Series DC-B3303X, DC-B6203XL, DC-B4501X

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

APPLICATIONS

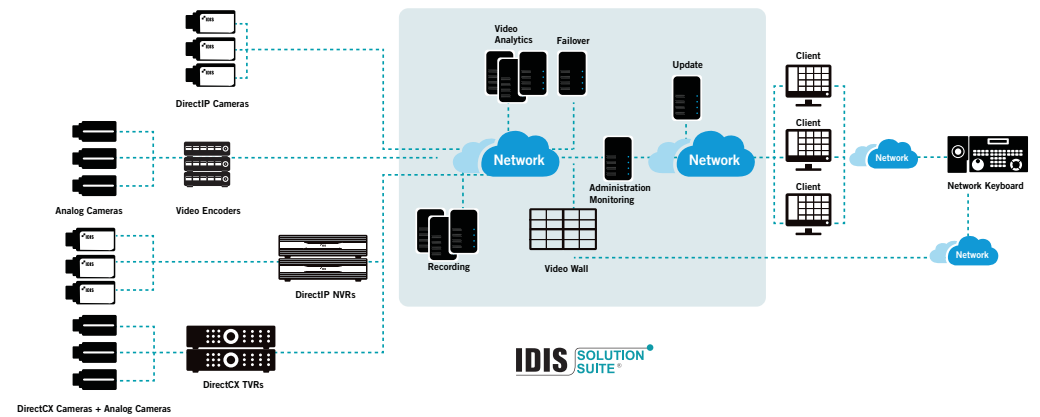
Small Business Installation

- Easy to install
- HD surveillance
- Affordable video solution



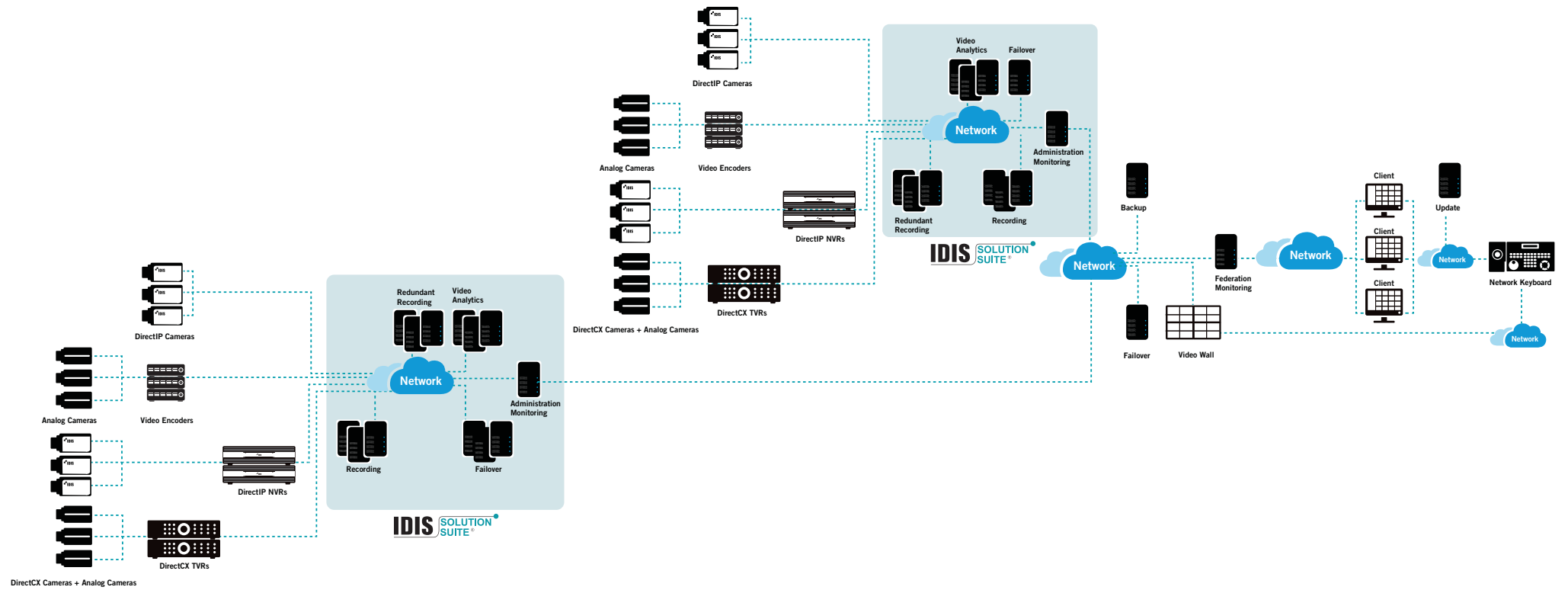
Medium Business Installation

- High performance
- Scalability with DirectIP Gigabit PoE Switch
- Cost effective
- One stop shop solution



Large Enterprise Installation

- Scalability with rich connectivity
- Flexibility enabling legacy and third-party system integration
- Simple integration with IDIS Center





The Largest Manufacturer of Video Tech in South Korea





TECHNOLOGY LINE UP 2023



Increase security and efficiency
with highly accurate IDIS Deep Learning Analytics



IDIS HQ

IDIS Tower, 344 Pangyo-ro
Bundang-gu, Seongnam-si
Gyeonggi-do, 13493
Republic of Korea

T +82 (0)31 723 5400
F +82 (0)31 723 5100
E sales@idisglobal.com

IDIS America

801 Hammond Street
Suite 200
Coppell, TX 75019
U.S.A.

T +1 469 444 6538
F +1 469 464 4449
E sales_americas@idisglobal.com

IDIS Europe

1000 Great West Road
Brentford, Middlesex
TW8 9HH
United Kingdom

T +44 (0)203 657 5678
F +44 (0)203 697 9360
E uksales@idisglobal.com

IDIS Middle East

P.O. Box 341037
D-308, DSO HQ Bldg
Dubai Silicon Oasis
Dubai, U.A.E.

T +971 4 501 5434
F +971 4 501 5436
E sales_mena@idisglobal.com

Turkiye Liaison Office

T +90 533 696 7780
E sales_mena@idisglobal.com

IDIS Netherlands

De Slof 9
5107 RH
Dongen
The Netherlands

EU Distribution Center
T +31 (0)162 387 217
E sales_eu@idisglobal.com

IDIS Benelux

T +31 (0)162 387 247
F +31 (0)162 311 915
E sales@bnl.idisglobal.com

IDIS and identifying product names and numbers herein are registered trademarks of IDIS Co., Ltd. All non-IDIS brands and product names are trademarks or registered trademarks of their respective companies. Product appearance, build status, and/or specifications are subject to change without notice. Copyright © IDIS Co., Ltd. All rights reserved.

* Product specifications in this brochure can change. Please confirm details on our website.

For more information, please visit www.idisglobal.com