IDIS
One Solution.
One Company.

2021
PRODUCT
LINEUP BROCHURE

The largest developer and manufacturer of surveillance technology in South Korea

Network Recorders & Network Cameras
HD Analog Recorders & HD Analog Cameras
Software Solutions
Network Accessories

IDIS AI Box for Covid-19 Solutions- DV-2232

One Solution. One Company.

It's Not the Same. It's IDIS.

The Largest Developer and Manufacturer of Surveillance Technology in South Korea

TOTAL SURVEILLANCE SOLUTION PROVIDER

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

ABOUT IDIS

IDIS is a global security company that designs, develops, and manufactures surveillance solutions for a wide range of commercial and public sector markets.

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

The IDIS total surveillance solution meets the needs of an increasingly demanding security landscape. IDIS provides the benefit of an end-to-end, highest-quality total surveillance solution and delivers innovation that is user-friendly, flexible, and scalable, able to meet every surveillance need—all with unrivaled performance, quality, and low total cost of ownership.

THE IDIS STRENGTHS

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 lineup of one to twelve-megapixel IP cameras, four to 64 channel NVRs, monitors, network accessories, a choice of VMS, and our DirectCX lineup for customers looking to leverage existing coax cabling, IDIS has a solution that fits.

Innovation and R&D

IDIS has been a pioneer in digital video recording since 1997 and was established due to a passion for technology and an unyielding pursuit of innovation. With 10% of turnover reinvested in research and development (R&D) annually, IDIS is constantly developing new technologies and bringing new innovations to market, all of which help our customers strengthen the safety and security of their people, facilities, and assets. At the same time, we have a commitment to delivering the world's ultimate surveillance experience through technology that is high-performance and reliable, yet simple to install and operate to ensure our customers are more efficient and more productive.

Low Total Cost of Ownership

Through our commitment to high quality, low power consumption, and reliable products that are simple to install, use, and maintain, we reduce the burden of implementation and training time while ensuring lower maintenance and energy costs, an extended product lifecycle, and a low total cost of ownership. Our flagship offering, DirectIP, comes with cost-free video management software (VMS) and apps—meaning absolutely zero licensing costs. IDIS Solution Suite, our enterprise-level VMS, is both scalable and modular, allowing our customers to only pay once for what they need without any ongoing service or maintenance fees.

Partnering for Success

Many of the relationships we have with our customers and partners have been in place for two decades, demonstrating our commitment to fostering long-lasting and successful partnerships. We only succeed if our customers and partners succeed and we see them as full members of our team. In their own way, each is at the heart of both our business strategy and success. The IDIS "one team" philosophy encompasses our network's many cultures, communities, and views and proves that we work best when we work together. Through the sharing of values and ideas, we are enriched by those around us. In turn, we empower each other to grow and succeed.
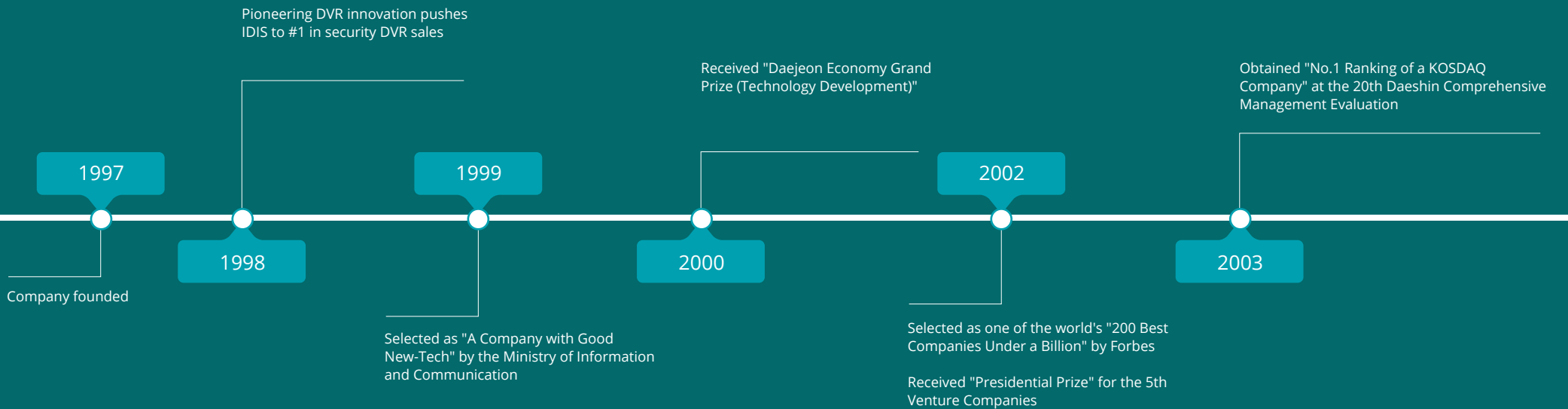
Reliability

Reliability goes beyond the high-quality products and solutions we proudly deliver each day. For IDIS, reliability means doing what we say we will do, when we say we will do it. From strictly adhering to global and local regulations to our certifications such as ISO14001, ISO900, ROHS, and Six Sigma, from our regular delivery of world-class technology to support at the local level, IDIS delivers reliable products and services that more than meet our customers' expectations—they exceed them.
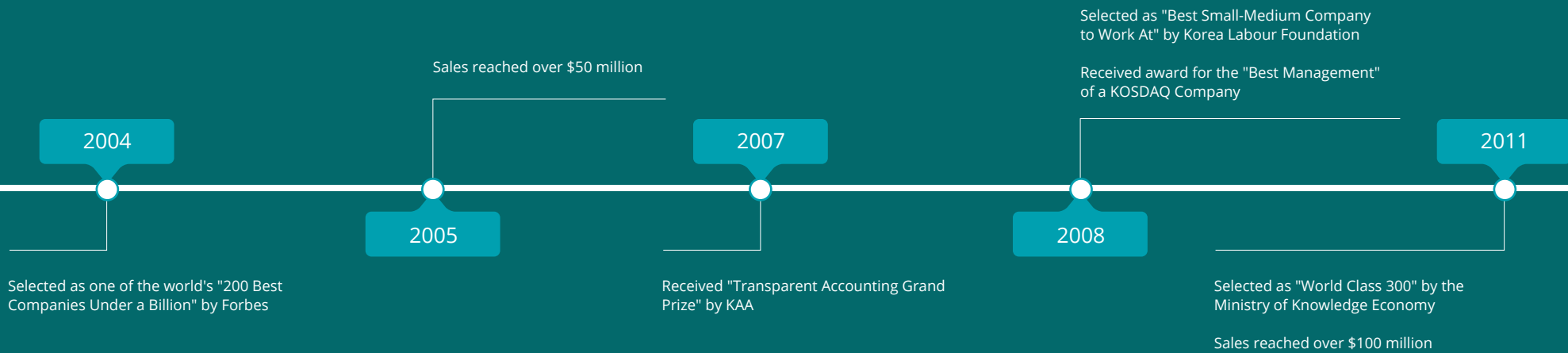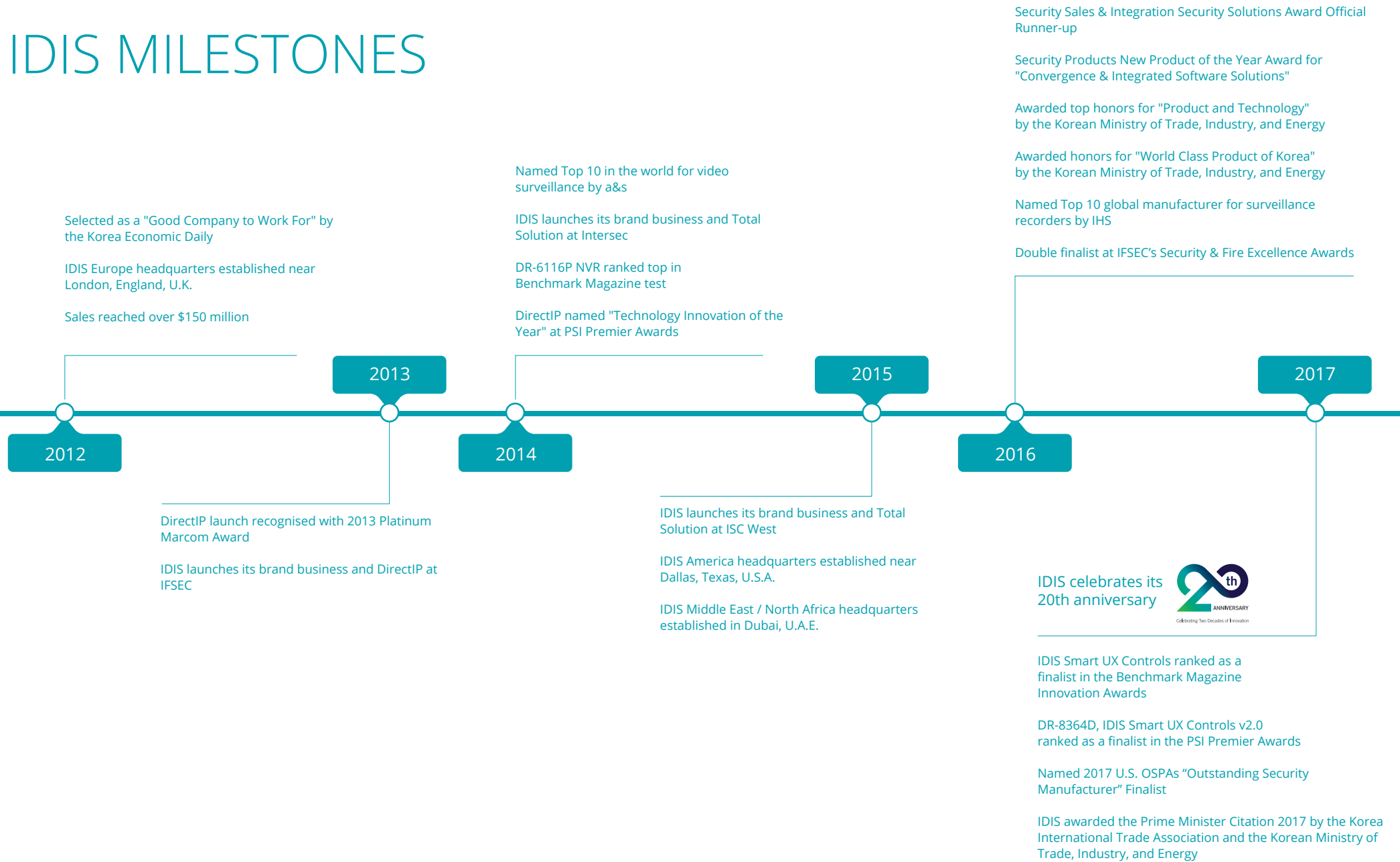
Integrity

Our integrity means you can trust us and the technology we provide. We ensure we comply with the legal and regulatory requirements at both global and local levels and seek to be transparent at all times in the way we do business. We believe in open and candid communications with our customers and partners that build trust and ensure success. Our products are manufactured in-house with consistency of quality and materials, so they can be trusted to deliver as promised. We continually innovate new technologies to ensure and preserve the integrity of the surveillance they provide.

IDIS MILESTONES

Pioneering DVR innovation pushes
IDIS to #1 in security DVR sales

Received "Daejeon Economy Grand
Prize (Technology Development)"

Obtained "No.1 Ranking of a KOSDAQ
Company" at the 20th Daeshin Comprehensive
Management Evaluation

1997

1998

1999

2000

2002

2003

Company founded

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

Selected as one of the world's "200 Best
Companies Under a Billion" by Forbes

Received "Presidential Prize" for the 5th
Venture Companies

2004

Selected as one of the world's "200 Best Companies Under a Billion" by Forbes

2005

Sales reached over $50 million

2007

Received "Transparent Accounting Grand Prize" by KAA

2008

Selected as "Best Small-Medium Company to Work At" by Korea Labour Foundation

Received award for the "Best Management" of a KOSDAQ Company

2011

Selected as "World Class 300" by the Ministry of Knowledge Economy

Sales reached over $100 million

IDIS MILESTONES

2012

Selected as a "Good Company to Work For" by the Korea Economic Daily

IDIS Europe headquarters established near London, England, U.K.

Sales reached over $150 million

2013

DirectIP launch recognised with 2013 Platinum Marcom Award

IDIS launches its brand business and DirectIP at IFSEC

2014

Named Top 10 in the world for video surveillance by a&s

IDIS launches its brand business and Total Solution at Intersec

DR-6116P NVR ranked top in Benchmark Magazine test

DirectIP named "Technology Innovation of the Year" at PSI Premier Awards

2015

IDIS launches its brand business and Total Solution at ISC West

IDIS America headquarters established near Dallas, Texas, U.S.A.

IDIS Middle East / North Africa headquarters established in Dubai, U.A.E.

2016

Security Sales & Integration Security Solutions Award Official Runner-up

Security Products New Product of the Year Award for "Convergence & Integrated Software Solutions"

Awarded top honors for "Product and Technology" by the Korean Ministry of Trade, Industry, and Energy

Awarded honors for "World Class Product of Korea" by the Korean Ministry of Trade, Industry, and Energy

Named Top 10 global manufacturer for surveillance recorders by IHS

Double finalist at IFSEC's Security & Fire Excellence Awards

IDIS celebrates its 20th anniversary

2017

IDIS Smart UX Controls ranked as a finalist in the Benchmark Magazine Innovation Awards

DR-8364D, IDIS Smart UX Controls v2.0 ranked as a finalist in the PSI Premier Awards

Named 2017 U.S. OSPAs "Outstanding Security Manufacturer" Finalist

IDIS awarded the Prime Minister Citation 2017 by the Korea International Trade Association and the Korean Ministry of Trade, Industry, and Energy

IDIS received Presidential Citation at the National Productivity Competition held by the Ministry of Trade, Industry, and Energy

IDIS Solution Suite named a winner in SSI Security Solutions Awards

IDIS Critical Failover and 12MP Fisheye Camera shortlisted for the finals of Security & Fire Excellence Awards

IDIS "Two Decades of Innovation" strategic program received an AMCP Platinum Hermes Creative Award

HE-1101 nominated for the finalists of Benchmark Innovation Awards and PSI Awards

H.265 IR PTZ DC-S3883HRX scooped prizes in both iF and Red Dot Design Awards

IDIS Named US OSPA's "Outstanding Security Manufacturer" Finalist

IDIS launches its AI Box for COVID providing deep-learning powered functionality to help prevent the spread of coronavirus and maintain COVID-secure workplaces

IDIS and Hall & Kay become finalists in The Security & Fire Excellence Awards 2020 for Security Project of the Year for an upgrade to IDIS surveillance that is improving the safety and security of a London neighborhood

Tracey Edwards from Southern Heath NHS Foundation Trust shortlisted for Security Manager of the Year at The Security & Fire Excellence Awards 2020 following a patient and staff safety and security transformation program that includes deploying IDIS surveillance across multiple facilities.

IDIS announces a partnership agreement with leading UK security value-add distributor Norbain

IDIS end-to-end video tech for logistics honored as the winner in the application category in the 2020 Security Today in New Product of the Year Award

2018

2019

2020

2020 & 2021

IDIS Awarded the Top Prize at the Security Award Korea 2019 for Video Analytics

Nominated for Security Project of the Year at Security & Fire Excellence Awards 2019 for an NHS healthcare project

Opened a new European Distribution Center in the Netherlands to provide pan-European next day delivery and after-sales service

IDIS surveillance upgrade for Saudi Arabia's National Commercial Bank shortlisted for the Security Project of the Year at the Intersec Awards 2019

5MP Super Fisheye Compact and IDIS Dynamic Privacy Masking reached the PSI Premier Award Finals

IDIS launched its AI in the Box Deep Learning Analytics

The IDIS Super Fisheye 5MP Compact nominated as a finalist in the Benchmark Magazine Innovation Awards

12MP Super Fisheye & NHS mental healthcare project achieved double success in the Safety & Health Excellence Awards 2019

IDIS debuted its "Create a Better World" Campaign

IDIS Instant Meta Filtering (IMF) shortlisted for a top German GIT Security Award

IDIS launches MapVue, an easy-to-use navigation to playback video using building layouts and floor plans

IDIS recognised as the winner of the 2020 Secure Campus Awards for its 12MP Panomorph IR Fisheye Camera (DC-Y8C13WRX)

IDIS and Galeco Communications shortlisted for Safety & Health Excellence Awards 2020 for an upgrade to IDIS network surveillance at a secure NHS mental healthcare hospital

IDIS launches Instant Meta Filtering (IMF) to speed up investigations from hours to minutes

IDIS ranked as a top equipment manufacturer in the 2020 Outstanding Security Performance Awards (OSPA)

IDIS ranked as best security manufacturer in the 2021 Outstanding Security Performance Awards (OSPA)

IDIS recognised as the winner of the 2021 Secure Campus Awards for its the IDIS AI Box (DV-2232)

IDIS NAMING STRUCTURE

Network Video Recorder

D R - 8 3 6 4 F D ☐ ☐ ☐ - A

① ① ② ③ ④ ⑤ ⑥
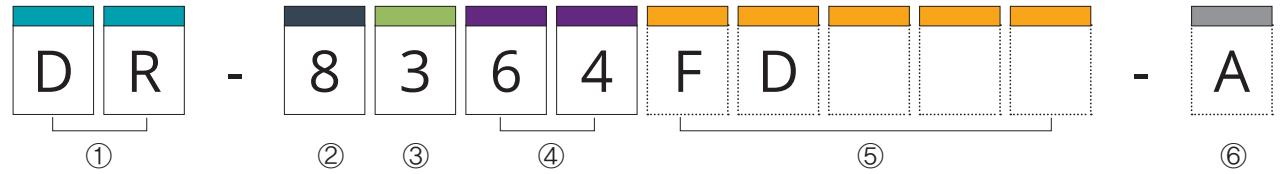
| ① | Product | DR: NVR |
| | | TR: DVR |

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

I R - 1 1 0 0 - A

① ① ② ③ ④ ⑤
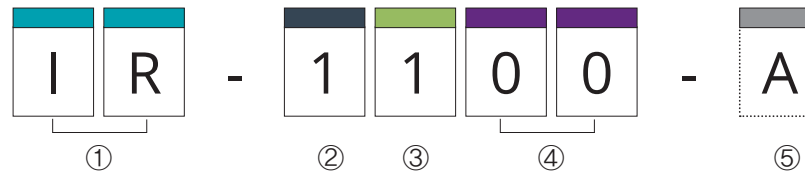
| ① | Product | IR: Pre-installed VMS (Installed with iNEX) |

| ② | Series | 1~9 |

| ③ | Generation | 0 : Reserved |
| | | 1~9 |

| ④ | Channel | |

| ⑤ | Renewal Version | |

Network Cameras

D C - T H 4 5 1 3 W R X _ _ _ _ _ - A

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

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 : Less than 1MP
1~9 : 1MP ~9MP
A~F : 10MP ~ 15MP

[IP-CAM > Thermal]
0 : Less 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**

Frustrated with your surveillance?

Direct IP ®

IP WITHOUT THE PC

DirectIP's "IP without the PC" concept permits 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 and affordable solution, delivering true plug-and-play simplicity to a range of cameras, monitors, and network video recorders (NVRs), with a full-featured, completely cost-free video management software (VMS). Remarkably simple to install and maintain, DirectIP goes beyond mere "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 guesswork 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 Requirements Mean Lowered Costs

The IDIS end-to-end system eliminates worry over future backward compatibility, which is guaranteed by IDIS, while the IDIS Center VMS is completely free of charge, eschewing licensing or annual upgrade fees.

NETWORK VIDEO RECORDERS

Make Your Surveillance Future Proof

Flexible, scalable, forward and backward compatible technology

High performance and reliable solutions for every need

Simple legacy migration and off-the-shelf integration

DR-1000 SERIES | IDIS Compact Solution

Model Name	DR-1204P	DR-1304PC	DR-1304P	DR-1308P
VIDEO				
Video Inputs	4 IP Channels	4 IP Channels	4 IP Channels	8 IP Channels
Max. Incoming Throughput	84Mbps	50Mbps	50Mbps	70Mbps
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF	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 120ips	Up to 120ips	Up to 120ips	Up to 240ips
RECORDING				
Max. Throughput	32Mbps, 120ips @ Full HD	20Mbps, 120ips @ 5MP	20Mbps, 120ips @ 5MP	40Mbps, 240ips @ 5MP
Recording Resolution	Up to 5MP (Depending on IP Camera)	Up to 5MP (Depending on IP Camera)		
Compression	H.264	H.265, H.264		
Intelligent Codec	Supported	Supported		
Recording Mode	Time-lapse, Event, Pre-event, Panic	Time-lapse, Event, Pre-event, Panic		
Trigger Events	Alarm In, Audio Detection, Motion Detection, Trip-zone, Tampering, Video Loss, Text-in, ANPR, Etc.	Motion Detection, Trip-zone, Tampering, Video Loss, Etc.	Motion Detection, Trip-zone, Tampering, Video Loss, Etc.	Motion Detection, Trip-zone, Tampering, Video Loss, Etc.
PLAYBACK				
Performance	4ch Full HD Synchronous Playback	4ch Full HD Synchronous Playback		
Search Mode	Time-lapse, Event Log, Thumbnail, Motion, Text-in	Time-lapse, Event Log, Thumbnail, Motion, Text-in	Time-lapse, Event Log, Thumbnail, Motion, Text-in	Time-lapse, Event Log, Thumbnail, Motion, Text-in
STORAGE				
HDD	SATA x 1 (Up to 6TB Capacity for Each Disk)	SATA x 1, (Up to 2TB Capacity, 2.5")	SATA x 1, (Up to 6TB Capacity, 3.5")	SATA x 1, (Up to 6TB Capacity, 3.5")
Total Capacity	6TB = 6TB x 1	1TB = 1TB x 1	6TB = 6TB x 1	6TB = 6TB x 1
NETWORK				
Client Connection	Fast Ethernet (Client) x 1	Fast Ethernet (Client) x 1		
Video In Connection	Fast Ethernet (IP Camera) x 4	Fast Ethernet (IP Camera) x 4	Fast Ethernet (IP Camera) x 4	Fast Ethernet (IP Camera) x 8
Transmission Speed	20Mbps / 50Mbps (BRP Mode)	20Mbps		
Camera Power	PoE (IEEE 802.3at Class 4) Supported 4 Ports, 30W	PoE (IEEE 802.3at Class 4) Supported 4 Ports, 30W	PoE (IEEE 802.3at Class 4) Supported 4 Ports, 30W	PoE (IEEE 802.3at Class 4) Supported 8 Ports, 50W
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite	IDIS Center, IDIS Mobile, IDIS Solution Suite, IDIS Web(web.idisglobal.com only)		
INTERFACE				
Audio In / Out	Local (NVR) : - / 1 HDMI IP Camera : 4 / 4 (Depending on IP Camera)	No		
Alarm In / Out	Local(NVR) : - / - IP Camera : 4 / 4 (Depending on IP Camera)	No		
Alarm Reset In	-	-		
Serial Interface	-	No		
USB	USB 2.0 x 2	USB 2.0 x 2		
GENERAL				
Operating System	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux
Dimensions (W x H x D)	215mm x 48.5 mm x 214.5mm (8.5" x 1.9" x 8.5")	170mm x 44.5mm x 107.9mm (6.69" x 1.75" x 4.25")	205mm x 44.5mm x 216.4mm (8.07" x 1.75" x 8.52")	205mm x 44.5mm x 216.4mm (8.07" x 1.75" x 8.52")
Unit Weight	1.2kg (2.64lb) (with 1 HDD)	0.44kg (2.34lb) (with 1 HDD)	1.27kg (2.80lb) (with 1 HDD)	1.31kg (2.89lb) (with 1 HDD)
Power Input	DC 56V 1.17A	NVR Adaptor (Input: 100-240V~, 50/60Hz, 1.2A, Output: 48V , 1.0A)	NVR Adaptor (Input: 100-240V~, 50/60Hz, 1.2A, Output: 48V , 1.0A)	NVR Adaptor (Input: 100-240V~, 50/60Hz, 2A, Output: 56V , 1.28A) (DR-1308P) (In countries using 200~240V such as UK) NVR Adaptor (Input: 100-240V~, 50/60Hz, 1.2A, Output: 54V , 1.67A) (DR-1308P) (In countries using 100~127V such as US)
Power Consumption	56V=, 0.7A, 39.2W	NVR: 48V, 0.75A, Max. 36W PSE : Max. 30W	NVR: 48V, 0.81A, Max. 39W PSE : Max. 30W	NVR: 54-56V, 1.14-1.1A, 61.6W PSE : Max. 50W
Approvals	FCC, CE, KC	KC, CE, FCC	KC, CE, FCC	KC, CE, FCC

One Solution. One Company.

DR-2000 SERIES

Model Name	DR-2304P-(A)	DR-2308P-(A)	DR-2316P-(A)
	4K UHD	4K UHD	4K UHD
VIDEO			
Video Inputs	4 IP Channels	8 IP Channels	16 IP Channels
Max. Incoming Throughput	160Mbps	270Mbps	320Mbps
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 120ips	Up to 240ips	Up to 480ips
RECORDING			
Max. Throughput	70Mbps, 120ips @ UHD	140Mbps, 240ips @ UHD	180Mbps, 480ips @ 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	4ch 4K, Playback	8ch Full HD Synchronous Playback, 4ch 4K Playback	16ch Full HD Synchronous Playback, 4ch 4K Playback
Search Mode	Time-lapse, Event Log, Thumbnail, Motion, Text-in		
STORAGE			
HDD	SATA x2, eSATA x1	SATA x2, eSATA x1	SATA x2, eSATA x1
Total Capacity	36TB=10TB x 2(Internal) + 4TB x 1 x 4(External)	36TB=10TB x 2(Internal) + 4TB x 1 x 4(External)	36TB=10TB x 2(Internal) + 4TB x 1 x 4(External)
NETWORK			
Client Connection	Gigabit Ethernet (Client) x 1		
Video In Connection	Fast Ethernet (IP Camera) x 4	Fast Ethernet (IP Camera) x 8 + Gigabit Ethernet (Ext) x 1	Fast Ethernet (IP Camera) x 8 + Gigabit Ethernet (Ext) x 1
Transmission Speed	50Mbps / 100Mbps (BRP Mode)		
Camera Power	PoE(IEEE 802.3at class 4) supported 4 ports, 30W	PoE(IEEE 802.3at class 4) supported 8 ports, 50W	PoE(IEEE 802.3at class 4) supported 8 ports, 50W
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite		
INTERFACE			
Audio In / Out	Local(NVR) : - / 1RCA + 1HDMI IP Camera : 4 / 4 (Depending on IP Camera)	Local (NVR) : - / 1 RCA + 1 HDMI IP Camera : 8 / 8 (Depending on IP Camera)	Local(NVR) : - / 1RCA + 1HDMI IP Camera : 8 / 8 (Depending on IP Camera)
Alarm In / Out	Local(NVR) : 4 / 1 IP Camera : 4 / 4 (Depending on IP Camera)	Local(NVR) : 4 / 1 IP Camera : 8 / 8 (Depending on IP Camera)	Local(NVR) : 4 / 1 IP Camera : 16 / 16 (Depending on IP Camera)
Alarm Reset In	-		
Serial Interface	RS232 (Terminal Block)		
USB	USB 2.0 x 1, USB 3.0 x 1		
GENERAL			
Operating System	Embedded Linux		
Unit Dimensions (W x H x D)	300mm x 62mm x 231mm (11.8" x 2.4" x 9.1")		
Unit Weight	2.2kg (4.9lb) (with 1 HDD)	2.3kg (5.1lb) (with 1 HDD)	2.3kg (5.1lb) (with 1 HDD)
Power Input	DC 12V 1.76A (for NVR), DC 48V 0.65A (for PSE)	DC 12V 1.76A (for NVR), DC 48V 1.1A (for PSE)	DC 12V 1.76A (for NVR), DC 48V 1.1A (for PSE)
Power Consumption	NVR: 12V=, 1.76A, 21.12W PSE: 48V=, 0.65A, 31.2W MAX	NVR: 12V=, 1.76A, 21.12W PSE: 48V=, 1.1A, 52.8W MAX	NVR: 12V=, 1.76A, 21.12W PSE: 48V=, 1.1A, 52.8W MAX
Approvals	FCC, CE, KC		

DR-6000 SERIES

Model Name	DR-6308P-S(A)	DR-6508P
VIDEO		
Video Inputs	8 IP Channels	8 IP Channels
Max. Incoming Throughput	270Mbps	270Mbps
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF	DirectIP, AXIS, PANASONIC, ONVIF
Video Outputs	1 HDMI, 1 VGA	2 HDMI
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	HDMI: 3840 x2 160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200
Display Speed	Up to 240ips	Up to 240ips
RECORDING		
Max. Throughput	140Mbps, 240ips @ UHD	140Mbps, 240ips@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	8ch Full HD Synchronous Playback 4ch 4K Playback	8ch Synchronous Playback
Search Mode	Time-lapse, Event Log, Thumbnail, Motion, Text-in	Time-lapse, Event Log, Text-in
STORAGE		
HDD	SATA x 6, eSATA x 4, (Up to 10TB Capacity for Each Disk), RAID 1 supported	SATA x 6, eSATA x 4, RAID 1 supported
Total Capacity	124TB=10TB x 6(Internal) + 4TB x 4 x 4(External))	124TB=10TB x 6(Internal) + 4TB x 4 x 4(External))
NETWORK		
Client Connection	Gigabit Ethernet (Client) x 1	Gigabit Ethernet (Client) x 1
Video In Connection	Gigabit Ethernet (IP Camera) x 8+ Gigabit Ethernet (Ext) x 1	Gigabit Ethernet (IP Camera) x 8 + Gigabit Ethernet (Ext) x 1
Transmission Speed	50Mbps / 100Mbps (BRP Mode)	50Mbps / 100Mbps (BRP Mode)
Camera Power	PoE (IEEE 802.3at Class 4) Supported 8 Ports, 120W	PoE (IEEE 802.3at Class 4) Supported 8 Ports, 120W
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 + 1 HDMI IP Camera : 8 / 8 (Depending on IP Camera)	Local (NVR) : 1 RCA / 1RCA + 2HDMI IP Camera :8 / 8 (Depending on IP Camera)
Alarm In / Out	Local (NVR) : 4 / 1 IP Camera : 8 / 8 (Depending on IP Camera)	Local(NVR) : 4 / 1 IP Camera :8 / 8 (Depending on IP Camera)
Alarm Reset In	1	1
Serial Interface	RS232 (Terminal Block), RS485 (Terminal Block)	RS232 (Terminal Block), RS485 (Terminal Block)
USB	USB 2.0 x 1, USB 3.0 x 1	USB 2.0 x 1, USB 3.0 x 1
GENERAL		
Operating System	Embedded Linux	Embedded Linux
Unit Dimensions (W x H x D)	430mm x 88mm x 412.8mm (16.9" x 3.5" x 16.25")	430mm x 88mm x 412.8mm (16.9" x 3.5" x 16.25")
Unit Weight	6.0kg (13.2lb) (with 1 HDD)	6.75kg (14.88lb) (with 1HDD)
Power Input	AC 100-240V, 50/60Hz, 3.0 - 1.5A	AC 100-240 V, 50/60Hz, 3.0 - 1.5A
Power Consumption	100-240V~, 50/60Hz, 3.0-1.5A, 200W	100-240V~, 50/60Hz, 3.0-1.5A, 250W
Approvals	FCC, UL, CE, CB, KC, PSE	FCC, UL, CE, CB

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DR-6000 SERIES

Model Name	DR-6316P-S(A)	DR-6516P
VIDEO		
Video Inputs	16 IP Channels	16 IP Channels
Max. Incoming Throughput	320Mbps	320Mbps
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF	DirectIP, AXIS, PANASONIC, ONVIF
Video Outputs	1 HDMI, 1 VGA	2 HDMI
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	HDMI: 3840 x 2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200
Display Speed	Up to 480ips	Up to 480ips
RECORDING		
Max. Throughput	180Mbps, 480ips@UHD	180Mbps, 480ips@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	16ch Full HD Synchronous Playback 4ch 4K playback	16ch Synchronous Playback
Search Mode	Time-lapse, Event Log, Thumbnail, Motion, Text-in	Time-lapse, Event Log, Text-in
STORAGE		
HDD	SATA x6, eSATA x4, RAID 1 supported	SATA x6, eSATA x4, RAID 1 supported
Total Capacity	124TB=10TB x 6(Internal) + 4TB x 4 x 4(External))	124TB=10TB x 6(Internal) + 4TB x 4 x 4(External))
NETWORK		
Client Connection	Gigabit Ethernet (Client) x1	Gigabit Ethernet (Client) x 1
Video In Connection	Gigabit Ethernet (IP Camera) x16 +Gigabit Ethernet(Ext) x1	Gigabit Ethernet (IP Camera) x16 +Gigabit Ethernet(Ext) x1
Transmission Speed	50Mbps / 100Mbps (BRP Mode)	50Mbps / 100Mbps (BRP Mode)
Camera Power	PoE (IEEE 802.3at Class 4) Supported 16 Ports, 120W	PoE (IEEE 802.3at Class 4) Supported 16 Ports, 120W
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 / 1RCA + 1HDMI IP Camera : 16 / 16 (Depending on IP Camera)	Local (NVR) : 1 RCA / 1RCA + 2HDMI IP Camera : 16 / 16 (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 : 16 / 16 (Depending on IP Camera)
Alarm Reset In	1	1
Serial Interface	RS232 (Terminal Block), RS485 (Terminal Block)	RS232 (Terminal Block), RS485 (Terminal Block)
USB	USB 2.0 x 1, USB 3.0 x 1	USB 2.0 x 1, USB 3.0 x 1
GENERAL		
Operating System	Embedded Linux	Embedded Linux
Unit Dimensions (W x H x D)	430mm x 88mm x 413.8mm (16.9" x 3.5" x 16.29")	430mm x 88mm x 412.8mm (16.9" x 3.5" x 16.25")
Unit Weight	6.0kg (13.2lb) (with 1 HDD)	6.75kg (14.88lb) (with 1HDD)
Power Input	AC 100-240 V, 50/60Hz, 3.0 - 1.5A	AC 100-240 V, 50/60Hz, 3.0 - 1.5A
Power Consumption	100-240V~, 50/60Hz, 3.0-1.5A, 200W	100-240V~, 50/60Hz, 3.0-1.5A, 250W
Approvals	FCC, UL, CE, CB, KC, PSE	FCC, UL, CE, CB

DR-6000 SERIES

Model Name	DR-6332P-S(A)	DR-6532P
VIDEO		
Video Inputs	32 IP Channels	32 IP Channels
Max. Incoming Throughput	370Mbps	370Mbps
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF	DirectIP, AXIS, PANASONIC, ONVIF
Video Outputs	1 HDMI, 1 VGA	2 HDMI
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	HDMI: 3840 x 2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200
Display Speed	Up to 960ips	Up to 960ips
RECORDING		
Max. Throughput	230Mbps, 960ips@UHD	230Mbps, 960ips@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 Log, Thumbnail, Motion, Text-in	Time-lapse, Event, Pre-event, Panic
PLAYBACK		
Performance	16ch Full HD Synchronous Playback 4ch 4K playback	32ch Synchronous Playback
Search Mode	Time-lapse, Event Log, Thumbnail, Motion, Text-in	Time-lapse, Event Log, Text-in
STORAGE		
HDD	SATA x6, eSATA x4, RAID 1 supported	SATA x6, eSATA x4, RAID 1 supported
Total Capacity	124TB=10TB x 6(Internal) + 4TB x 4 x 4(External))	124TB=10TB x 6(Internal) + 4TB x 4 x 4(External))
NETWORK		
Client Connection	Gigabit Ethernet (Client) x1	Gigabit Ethernet (Client) x 1
Video In Connection	Gigabit Ethernet (IP Camera) x16 +Gigabit Ethernet(Ext) x1	Gigabit Ethernet (IP Camera) x16 +Gigabit Ethernet(Ext) x1
Transmission Speed	50Mbps / 100Mbps (BRP Mode)	50Mbps / 100Mbps (BRP Mode)
Camera Power	PoE (IEEE 802.3at Class 4) Supported 16 Ports, 120W	PoE (IEEE 802.3at Class 4) Supported 16 Ports, 120W
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 / 1RCA + 1HDMI IP Camera : 32 / 32 (Depending on IP Camera)	Local (NVR) : 1 RCA / 1RCA + 2HDMI IP Camera : 16 / 16 (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)
Alarm Reset In	1	1
Serial Interface	RS232 (Terminal Block), RS485 (Terminal Block)	RS232 (Terminal Block), RS485 (Terminal Block)
USB	USB 2.0 x 1, USB 3.0 x 1	USB 2.0 x 1, USB 3.0 x 1
GENERAL		
Operating System	Embedded Linux	Embedded Linux
Unit Dimensions (W x H x D)	430mm x 88mm x 413.8mm (16.9" x 3.5" x 16.29")	430mm x 88mm x 412.8mm (16.9" x 3.5" x 16.25")
Unit Weight	6.0kg (13.2lb) (with 1 HDD)	6.75kg (14.88lb) (with 1HDD)
Power Input	AC 100-240 V, 50/60Hz, 3.0 - 1.5A	AC 100-240 V, 50/60Hz, 3.0 - 1.5A
Power Consumption	100-240V~, 50/60Hz, 3.0-1.5A, 200W	100-240V~, 50/60Hz, 3.0-1.5A, 250W
Approvals	FCC, UL, CE, CB, KC, PSE	FCC, UL, CE, CB

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DR-8000 SERIES

Model Name	DR-8364(F)	DR-8364(F)D
	4K UHD	4K UHD IDIS Smart Failover

VIDEO		
Video Inputs	64 IP Channels	
Max. Incoming Throughput	900Mbps	
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 1920ips	
RECORDING		
Max. Throughput	400Mbps, 1920ips@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	16ch Full HD Synchronous Playback 4ch 4K Playback	
Search Mode	Time-lapse, Event Log, Thumbnail, Motion, Text-in	
STORAGE		
HDD	SATA x 8, eSATA x 4, RAID 1, 5, 10 Supported	
Total Capacity	240TB=10TB x (8(Internal) + 4 x 4 (External))	
NETWORK		
Client Connection	Gigabit Ethernet (Client) x 1	
Video In Connection	Gigabit Ethernet (Video In) x 3, SFP (Video In) x 2	
Transmission Speed	400Mbps / 500Mbps (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 + 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)	
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)	482.6mm x 88mm x 523.3mm (19" x 3.5" x 20.6")	
Unit Weight	12.3kg (21.12lb) (with 2 HDDs)	10.9kg (24.03lb) (with 2 HDDs)
Power Input	AC 100-240 V, 50/60Hz, 2.0 - 1.0A	AC 100-240 V, 50/60Hz, 2.0 - 1.0A (REDUNDANT SMPS)
Power Consumption	100-240V~, 50/60Hz, 2.0-1.0A, 120W	
Approvals	FCC, UL, CE, CB, KC, PSE	

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

DR-8000 SERIES

Model Name	DR-8416	DR-8432D
	4K UHD	4K UHD

VIDEO		
Video Inputs	16 IP Channels	32 IP Channels
Max. Incoming Throughput	320Mbps	370Mbps
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 480ips	Up to 960ips
RECORDING		
Max. Throughput	180Mbps, 480ips @ UHD	230Mbps, 960ips @ 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	16ch Full HD Synchronous Playback, 4ch 4K Playback	
Search Mode	Time-lapse, Event Log, Thumbnail, Motion, Text-in	
STORAGE		
HDD	SATA x8, eSATA x4, RAID 1, 5, 6, 10 supported	
Total Capacity	144TB=10TB x 8(Internal) + 4TB x 4 x 4(External)	
NETWORK		
Client Connection	Gigabit Ethernet (Client) x 1	
Video In Connection	Gigabit Ethernet (Video In) x 3, SFP (Video In) x 2	
Transmission Speed	50Mbps / 100Mbps (BRP Mode)	
Camera Power	-	
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite	
INTERFACE		
Audio In / Out	Local (NVR) : 1 RCA / 1RCA + 1HDMI IP Camera : 16 / 16 (Depending on IP Camera)	Local (NVR) : 1 RCA / 1RCA + 1HDMI IP Camera : 32 / 32 (Depending on IP Camera)
Alarm In / Out	Local (NVR) : 16 / 4 IP Camera : 16 / 16 (Depending on IP Camera)	Local (NVR) : 16 / 4 IP Camera : 32 / 32 (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)	482.6mm x 88mm x 523.3mm (19" x 3.5" x 20.6")	
Unit Weight	10.9kg (24.03lb) (with 2 HDDs)	
Power Input	AC 100-240 V, 50/60Hz, 6.0 - 3.0A	AC 100-240 V, 50/60Hz, 8.0 - 4.0A
Power Consumption	100 - 240V~, 50 / 60Hz, 2.0 - 1.0A, 120W	
Approvals	FCC, UL, CE, CB, KC, PSE	

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DEEP LEARNING ANALYTICS
NETWORK VIDEO RECORDERS

Essential Deep Learning Applications to Fight COVID-19 In One AI Box

Utilize four advanced video analytics with one IDIS AI Box including social distancing violation, people counting, occupancy control, crowd detection, and face mask detection, powered by the industry-leading 98% accurate IDIS Deep Learning Engine.
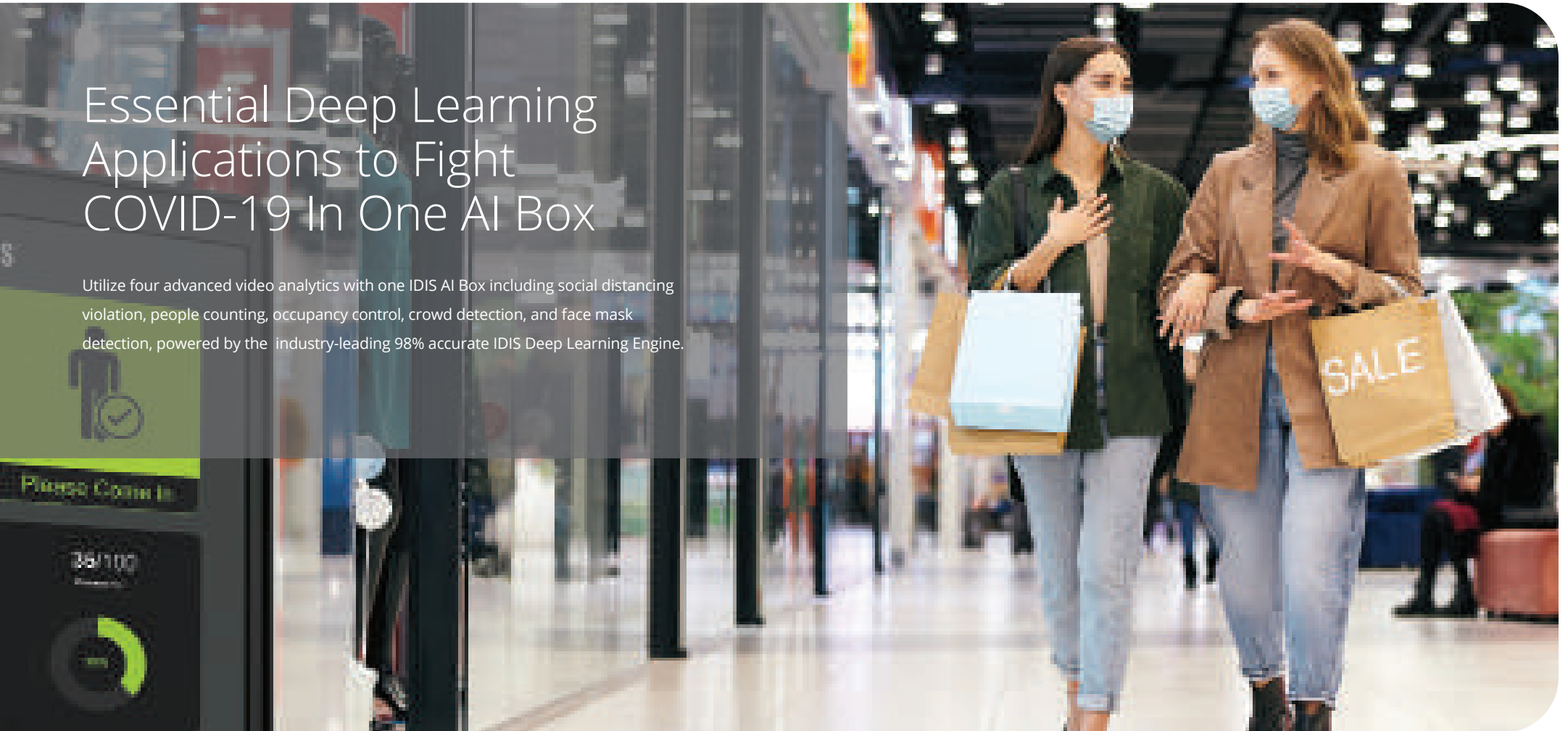
AI in the Box

DV-2232

· A specialized DirectIP NVR
· Supports up to 32-ch IP cameras
· Powered by advanced IDIS Deep-Learning Analytics (IDLA)
· People Counting and Occupancy Control
· Crowd Detection
· Social Distancing Violation
· Mask Rule Violation
· Real-time event notifications with high accuracy
· Live Occupancy Dashboard
· Dashboard Reporting of visitor flow and compliance

IDIS Deep Learning Analytics (IDLA)
Powered by the
IDIS Deep Learning Engine

Social Distancing Violation Detection

Crowd Detection

Face Mask Detection

People Counting and Occupancy Monitoring

	DV-2232
SYSTEM	
Video Compression	H.264, H.265
Video Inputs	32ch IP
Supported Device	DirectIP NVR
Network Connection	Gigabit Ethernet x 1 (1000Base-T)
IDLA Processing Unit	NVIDIA RTX2060, 8GB
Operating System	Microsoft® Windows Embedded Standard 8
Processor	Intel® I7-7700, 3.6GHz
Memory	DDR4 PC-19200, 8GB
Video Outputs	1 HDMI, 1 DP, 1 VGA
USB	6 (2 Front USB 2.0 + 2 Back USB 3.0 + 2 Back USB 2.0)
VA Support	Social Distancing Violation Detection Crowd Detection Face Mask Detection People Counting and Occupancy Monitoring
GENERAL	
Unit Dimension (W x H x D)	440mm x 462mm x 177mm (17.3" x 18.2" x 7.0")
Unit Weight	14.0kg (30.9 lb)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Humidity	0% to 90%
Power Input	AC 100-240 V, 50/60Hz, 5.5 - 2.5A
Power Supply	Single Power
Power Consumption	350W
ACCESSORIES SUPPLIED	
Power Cord	1
GENERAL	
Approvals	FCC, CE, CB, UL, KC

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DEEP LEARNING ANALYTICS NETWORK VIDEO RECORDERS

An Advanced AI Engine Designed for Security and Safety Applications

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.

AI in the BOX
with IDIS Solution Suite

IDIS Deep Learning Analytics (IDLA)
Powered by the
IDIS Deep Learning Engine

DV-3100

IDIS **SOLUTION SUITE** ®

DV-2116 (AI Box for IDLA)

- AI in the BOX with IDIS Solution Suite
- Compatible with IDIS Deep-Learning Analytics (IDLA)
- 4U rack mount chassis

[IDLA]
- Superior Accuracy Deep-learning engine
- Object classification suitable for CCTV application
- Simple configuration and Zero calibration

	DV-3100
SYSTEM	
IDIS Solution Suite	Compatible with IDLA VA Service
	Version 3.0.0 or Higher
Network Connection	2 GbE RJ-45 Ports (1000Base-T)
Channels available for Analytics	64ch (640x360 @ 5 ips video input)
IDLA Processing Unit	NVIDIA RTX2060, 8GB
Operating System	Microsoft® Windows Embedded Standard 8
Processor	Intel® I7-7700, 3.6GHz
Memory	DDR4 PC-19200, 8GB
Video Outputs	1 HDMI, 1 DP, 1 VGA
USB	6 (2 Front USB 2.0 + 2 Back USB 3.0 + 2 Back USB 2.0)
MECHANICAL	
Form Factor	4U RACK Mount Chassis
Dimensions (W x D x H)	440mm x 177mm x 462mm (17.3" x 7.0" x 18.2")
Weight	14.0kg (30.9 lbs.)
ELECTRICAL	
Power Input	AC 100-240 V, 50/60Hz, 5.5 - 2.5A
Power Supply	Single Power
Power Consumption	350W
ENVIRONMENTAL	
Operating Temperature	0° to 40°C (32° to 104°F)
Operating Humidity	0% to 90%
ACCESSORIES SUPPLIED	
Power Cord	1
GENERAL	
Certifications	FCC, CE, CB, UL, KC

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ENTERPRISE
NETWORK VIDEO RECORDERS

Preinstalled VMS with IDIS Workstation

IR-300A | NDAA Compliance | IDIS SOLUTION SUITE ®

The IDIS Enterprise NVR, IR-300A, allows users to establish a reliable, high-performance surveillance system in minutes while providing exceptional manageability. The IR-300A operating system (OS), powered by SSD and IDIS Solution Suite VMS, is perfect for large-scale systems and ensures important data retention through RAID and Redundant Power.
IR-300A 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

482.6mm

88mm

523.5mm
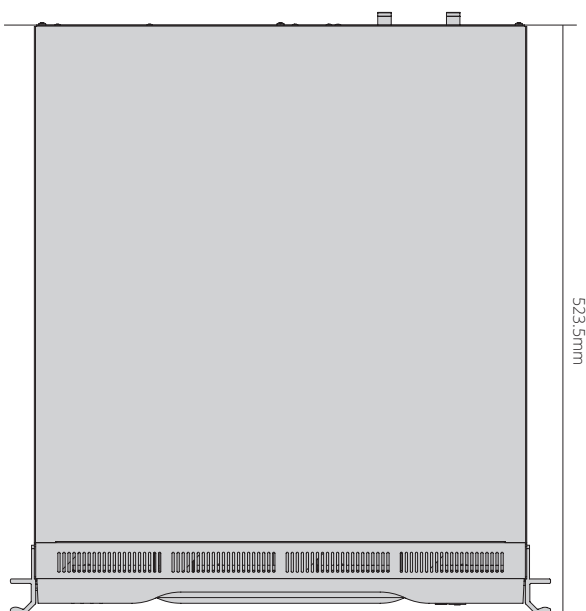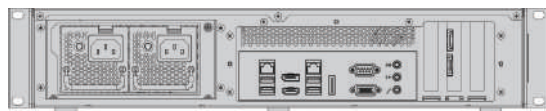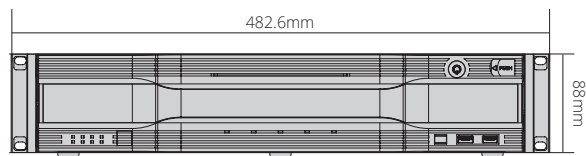
SPECIFICATIONS

		IR-300A
SYSTEM	IDIS Solution Suite	Compatible with Expert and Federation
		Version 2.8.2 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 Embedded Standard 8
	Processor	Intel® I7-7700, 3.6GHz
	Memory	DDR4 PC-17000, 16GB
	Video Outputs	1 HDMI, 1 DP, 1 VGA
	USB	6 (2 Front USB 2.0 + 2 Back USB 3.0 + 2 Back USB 2.0)
	RS-232	1 (DB9)
	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 (27.8lbs)
ELECTRICAL	Power Input	AC 100-240V~, 50/60Hz, 6.0 - 3.0A (Redundant)
	Power Supply	Dual Power (Redundant SMPS)
	Power Consumption	190W
ENVIRONMENTAL	Operating Temperature	0° to 40°C (32° to 104°F)
	Operating Humidity	0% to 90%
ACCESSORIES SUPPLIED	Power Cord	2
GENERAL	Certifications	FCC, CE, CB, UL, PSE

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ENTERPRISE
NETWORK VIDEO RECORDERS

Preinstalled VMS with Server PC

IR-1100 | **NDAA** Compliance | **IDIS** SOLUTION SUITE®
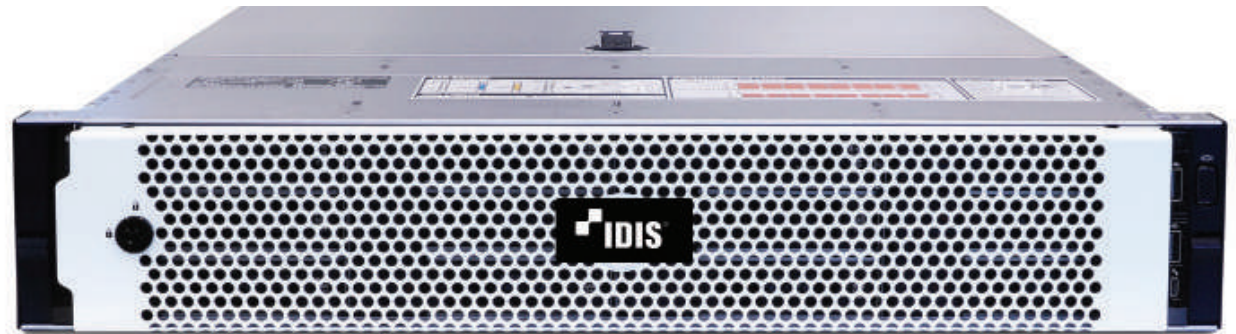
- Pre-installed with IDIS Solution Suite VMS
- Tested and validated with IDIS Solution Suite up to 256 Full HD H.264/H.265 IP cameras
- Supports up to 256 Full HD cameras in real-time for enterprise-level surveillance systems
- 1,024Mbps (128MBps) maximum recording bandwidth per server
- Redundant power 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
- 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

482.0mm

86.8mm

717.6mm
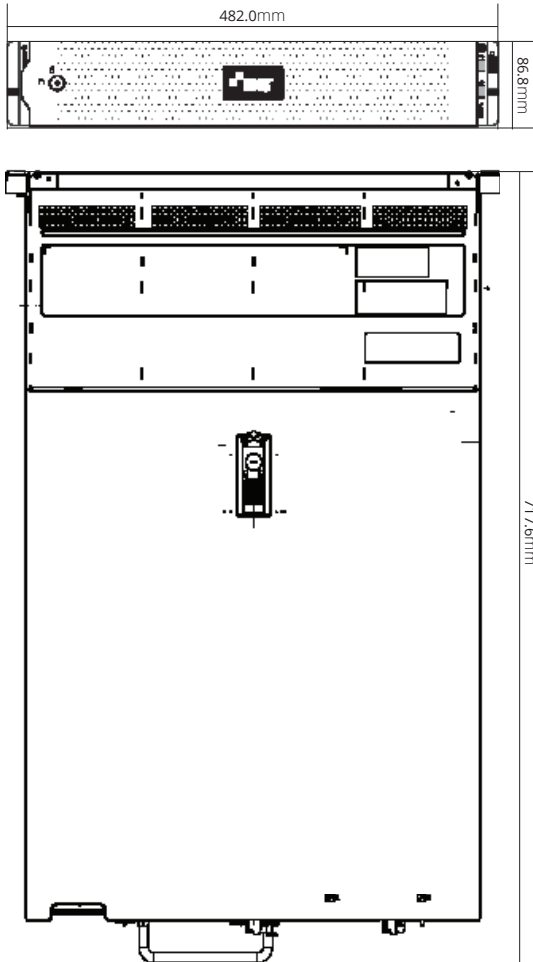
SPECIFICATIONS

IR-1100		
SYSTEM	IDIS Solution Suite	Compatible with Expert and Federation
		Version 2.6.0 or Higher
	Network Connection	4 GbE RJ-45 Ports (1000Base-T)
	Recording Data Rate	Up to 1024Mbps (128MBps)
	Number of Cameras	Up to 256
	Recording Storage	8 Bay
	Hard Disk Drive Configuration	Up to 8 x Large Form Factor Near-line SATA Hard Disk Drives, Hot-swappable, RAID 5, RAID 6
	Operating System	Microsoft® Embedded Windows Server 2016
	Processor	Intel® Xeon® Processor silver 4210 2.2G, 10C/20T
	Memory	8GB RAM (1 x 8GB DDR4-2666MT/s RDIMM)
	Video Outputs	1 VGA
MECHANICAL	Form Factor	2U Rack Mount Chassis
	Dimensions (W x H x D)	482.0mm x 717.6mm x 86.8mm (18.97" x 27.71" x 3.41")
	Weight	34.5kg (76 lbs)
ELECTRICAL	Power Input	100-240V AC, 50/60Hz
	Power Supply	Redundant, Hot Swappable
	Power Consumption	750W
ENVIRONMENTAL	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
	Operating Altitude	3048m (10,000ft)
	Storage Altitude	12,000 m (39,370 ft)
ACCESSORIES SUPPLIED	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 • Tooled mounting in threaded hole 4-post racks
	Cable Management Arm	Yes
	Rack Bezel	1, Front
	Power Cord	1
CERTIFICATIONS	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

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NETWORK CAMERAS

High-Resolution 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 environmental needs.

COMPACT DOME CAMERAS

Model Name	Micro Dome, 2MP
	DC-C4212RX
Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Lens Type	Fixed-focal
Focal Length	f = 2.8mm
Aperture	F2.0
Iris Control	Fixed Iris
Angular Field of View	113.74°(H), 61.5°(V), 134.5°(D)
Pan / Tilt Range	Pan: -170° ~ 170°, Tilt: 0° ~ 65°, Rotate: -90° ~ 90°
Min. Illumination	Color: 0.1 Lux @ F2.0 B/W: 0 Lux (IR LED On)
Dynamic Range	120dB (True WDR)
Day and Night	IR Cut Filter with Auto Switch
IR Distance (LEDs)	15 m / 49.2ft (1 ea)
Image Stabilizer	-
De-fog	Yes
Video Out	-
Video Compression	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Supported
Audio Compression	-
Max. Frame Rate	30ips: 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSrec)	Yes (Up to 10MB)
Edge Storage	-
Trigger Event	Motion Detection Tampering Trip Zone
Audio In / Out	-
Alarm In / Out	-
Vandal Proof Casing	-
Outdoor Ready	-
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)
Dimensions (W x H x D)	Ø86mm x 58mm (Ø3.39" x 2.28")
Weight	105g (0.23lb)
Power Source	PoE IEEE 802.3af (Class 1)
Power Consumption	PoE, IEEE 802.3af (Class 1), 3.3W

DOME CAMERAS

Model Name	Fixed Focal, 2MP					
	DC-D4212R 2.8mm	DC-D4212R 4.0mm	DC-D4213RX 2.8mm	DC-D4213RX 4.0mm	DC-D4213WRX 2.8mm	DC-D2212WR
Image Sensor	1/2.9" CMOS	1/2.9" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.9" CMOS
Max. Resolution	1920 x 1080	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	Fixed-focal	Fixed-focal
Focal Length	f = 2.8mm	f = 4.0mm	f = 2.8mm	f = 4.0mm	f = 2.8mm	f = 4.0mm
Aperture	F2.0	F2.15	F2.0	F2.15	F2.0	F2.0
Iris Control	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris
Angular Field of View	109.24°(H), 59.37°(V), 128.58°(D)	83°(H), 43°(V), 100.4°(D)	113.7°(H), 61.5°(V), 134.5°(D)	87°(H), 44°(V), 106°(D)	113.7°(H), 61.5°(V), 134.5°(D)	84.4° (H), 50.3° (V), 104.6° (D)
Pan / Tilt Range	Pan: -170° ~ 170°, Tilt: -5° ~ 67.5°, Rotate: -109° ~ 109°	Pan: -175° ~ 175°, Tilt: 0° ~ 70°, Rotate: -90° ~ 90°	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: -180° ~ 174° Tilt: 0° ~ 71.5° Rotate: -90° ~ 90
Min. Illumination	Color: 0.2 Lux @ F2.0 B/W: 0 Lux (IR LED On)	Color: 0.2 Lux @ F2.15 B/W: 0 Lux (IR LED On)	Color: 0.2 Lux @ F2.0 B/W: 0 Lux (IR LED On)	Color: 0.2 Lux @ F2.0 B/W: 0 Lux (IR LED On)	Color: 0.2 Lux @ F2.0 B/W: 0 Lux (IR LED On)	Color: 0.2 Lux @ F2.0 B/W: 0 Lux (IR LED On)
Dynamic Range	More than 70dB	More than 70dB	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)	74.7dB
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 Cut Filter with Auto Switch
IR Distance (LEDs)	20m / 65.6ft (4ea)	20m / 65.6ft (2 ea)	30m / 98.4ft (4ea)	20m / 65.6ft (2ea)	30m / 98.4ft (4ea)	15m / 49.2ft (2ea)
Image Stabilizer	-	-	-	-	-	-
De-fog	Yes	Yes	Yes	Yes	Yes	-
Video Out	-	-	-	-	-	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	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	-
Max. Frame Rate	30ips: 1920 x 1080	30ips: 1920 x 1080	30ips: 1920 x 1080 (WDR)	30ips: 1920 x 1080 (WDR)	30ips: 1920 x 1080 (WDR)	30ips: 1920 x 1080
Ethernet	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTSrec)	Yes (Up to 10MB)	Yes (Up to 10MB)	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, Smart Failover (Up to 32GB)
Trigger Event	Motion Detection Tampering Trip Zone	Motion 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 Tampering Trip Zone
Audio In / Out	-	-	1 (Built In MIC) + 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	IP66
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)	-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)	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)
Dimensions (W x H x D)	Ø130mm x 81.4mm (Ø5.12" x 3.20")	Ø130mm x 74.3mm (Ø5.12" x 2.93")	Ø110mm x 88mm (Ø4.33" x 3.46")	Ø110mm x 88mm (Ø4.33" x 3.46")	Ø120mm x 92.9mm (Ø4.72" x 3.65")	Ø155.1mm x 86.2mm (Ø6.1" x 3.39")
Weight	0.23kg (0.50lb)	0.21kg (0.46lb)	0.25kg (0.55lb)	0.25kg (0.55lb)	0.46kg (1.01lb)	0.7kg (1.54lb)
Power Source	PoE IEEE 802.3af (Class 2)	PoE IEEE 802.3af (Class 2)	PoE IEEE 802.3af (Class 2)	PoE IEEE 802.3af (Class 2)	PoE IEEE 802.3af (Class 2)	12VDC, PoE IEEE 802.3af (Class 2)
Power Consumption	PoE, IEEE 802.3af (Class 2), 4.6W	PoE, IEEE 802.3af (Class 2), 4.6W	PoE, IEEE 802.3af (Class 2), 4.8W	PoE, IEEE 802.3af (Class 2), 4.8W	PoE, IEEE 802.3af (Class 2), 4.8W	12V = 0.33A, 3.96W PoE, IEEE 802.3af (Class 2)

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DOME CAMERAS

Model Name	Fixed focal, 2MP		Fixed focal 8MP	MFZ, 2MP	
	DC-D4216RX (-A)	DC-D4216WRX (-A)	DC-D4811WRX (-A)	DC-D4233RX	DC-D4233HRX
	full HD 2MP / NDAA Compliance	full HD 2MP / NDAA Compliance	NEW / 4K 8MP / NDAA Compliance	full HD 2MP	full HD 2MP
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	3840 x 2160	1920 x 1080	1920 x 1080
Lens Type	Fixed-focal	Fixed-focal	Fixed-focal	Motorized Vari-focal	Motorized Vari-focal
Focal Length	f=2.8mm	f=2.8mm	f=3.3mm	f=2.8-12mm	f = 2.8 - 12mm
Aperture	F2.0 (f=2.8mm)	F2.0 (f=2.8mm)	F2.0(3.3mm)	F1.4(W)-F2.8(T)	F 1.4(W) - F2.8(T)
Iris Control	Fixed Iris	Fixed Iris	Fixed Iris	DC 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)	101.3° (H) 54.5°(V) 119.7°(D) (f=3.3mm)	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)
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: -175° ~ 175°, Tilt: 0° ~ 67°, Rotate: -177° ~ 177°	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: 0.2 Lux @ F2.0 B/W: 0 Lux (IR LED On)	Color: 0.1 Lux @ F1.4 B/W: 0 Lux (IR LED On)	Color: 0.1 Lux @ F1.4 B/W: 0 Lux (IR LED On)
Dynamic Range	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)	120dB
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)	30m / 98.4 ft (4ea)	30m / 98.4 ft (4ea)	20m / 65.6ft	30m / 98.4ft (6ea)	30m / 98.4ft (6ea)
Image Stabilizer	-	-	-	-	-
De-fog	-	-	No	Yes	Yes
Video Out	-	-	-	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	30ips: 1920 x 1080 (WDR)	30ips: 1920 x 1080 (WDR)	30ips: 3840 x 2160 15ips: 3840 x 2160(WDR)	30ips: 1920 x 1080 (WDR)	30ips: 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSrec)	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	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 *	Line-in 1ea (Built In MIC) + 1 / Line-out 1ea	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea
Alarm In / Out	Input 1ea / Output 1ea	Input 1ea / Output 1ea	Input 1ea / Output 1ea	Input 1ea / Output 1ea	Input 1ea / Output 1ea
Vandal Resistance	-	IK10	IK10	-	IK10
Outdoor Ready	-	IP67	IP67	-	IP67, Heater
Operating Temperature	-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)	-20°C ~ +55°C(-22°F ~ +131°F) *Starting up at above 0°C (32°F)	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Starting Up at Above -20°C (-4°F)
Dimensions (W x H x D)	Ø110 x 88mm (Ø4.33" x 3.46")	Ø120 x 92.9mm (Ø4.72" x 3.65")	Ø120.6 x 92.9mm (Ø4.72" x 3.66")	Ø122 x 103.4mm(Ø4.8" x 4.07")	Ø155 x 105mm (Ø6.1" x 4.13")
Weight	0.26kg (0.57lb)	0.465kg (1.02lb)	0.48kg (1.06lb)	0.37kg(0.80lb)	1.01 kg(2.22lb)
Power Source	PoE IEEE 802.3af (Class 2)	PoE IEEE 802.3af (Class 2)	PoE (IEEE 802.3af Class 3)	12VDC, PoE IEEE 802.3af (Class 3)	PoE (IEEE 802.3af Class 3), DC12V
Power Consumption	PoE, IEEE 802.3af (Class 2), 4.6W	PoE, IEEE 802.3af (Class 2), 4.6W	12V=, 1.2A, 14.4W PoE, IEEE 802.3af Class 3), 12.4W	12V=, 1.05A, 12.6W PoE, IEEE 802.3af(Class 3), 11.5W	12V=, 1.05A, 12.6W PoE, IEEE 802.3af (Class 3), 11.5W

* : –A Model does not have Audio In/Out function.

DOME CAMERAS

Model Name	DC-D6233RX	DC-D6233HRX	DC-D3233FRX-N	DC-D3233HRXL	DC-D6233HRXL	DC-D6243HRX
				MFZ, 2MP		
Image Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/1.9" CMOS	1/1.9" CMOS	1/3" CMOS
Max. Resolution	1920 x 1080	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	Motorized Vari-focal
Focal Length	f = 2.8 - 12mm	f = 2.8 - 12mm	f = 2.8 - 12mm	f=4.4 - 10mm	f = 4.4 - 10mm	f = 7 - 22mm
Aperture	F1.6 - 2.7	F1.6 - 2.7	F1.6 - 2.7	F1.2 - 1.95	F1.2 - 1.95	F1.4 - 2.8
Iris Control	P-Iris	P-Iris	P-Iris	P-Iris	P-Iris	P-Iris
Angular Field of View	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: 98°(H), 52°(V), 116°(D) Tele: 33°(H), 18.5°(V), 37.9°(D)	Wide: 91.5°(H), 48.4°(V), 109°(D) Tele: 43.4°(H), 24.2°(V), 49.9°(D)	Wide: 91.5° (H), 48.4° (V), 109° (D) Tele: 43.4° (H), 24.2° (V), 49.9° (D)	Wide: 40°(H), 22°(V), 47°(D) Tele: 16°(H), 9°(V), 18°(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°	Pan: -176° ~ 176° Tilt: 0° ~ 66° Rotate: -90° ~ 90°
Min. Illumination	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 @ F1.6 B/W: 0 Lux (IR LED On)	Color: 0.01 lux @ F1.2 B/W: 0 Lux (IR LED On)	Color: 0.01 Lux @ F1.2 B/W: 0 Lux (IR LED On)	Color: 0.1 Lux @ F1.4 B/W: 0 Lux (IR LED On)
Dynamic Range	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)	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 Cut Filter with Auto Switch
IR Distance (LEDs)	20m / 65.6ft (6ea)	30m / 98.4ft (6ea)	20m / 65.6ft (4ea)	30 m / 98.4 ft (6 ea)	30m / 98.4ft (6ea)	30m / 98.4ft (6ea)
Image Stabilizer	-	-	-	-	-	-
De-fog	Yes	Yes	Yes	Yes	Yes	Yes
Video Out	1 BNC (Accessory)	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	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Supported	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	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	60ips: 1920 x 1080 30ips: 1920 x 1080 (WDR)	60ips: 1920 x 1080 30ips: 1920 x 1080 (WDR)	60ips: 1920 x 1080 30ips: 1920 x 1080 (WDR)	60ips: 1920 x 1080 30ips: 1920 x 1080 (WDR)	60ips: 1920 x 1080 30ips: 1920 x 1080 (WDR)	60ips: 1920 x 1080 30ips: 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100/1000 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)	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)	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 Audio Detection Alarm In Tampering Trip Zone	Motion Detection Alarm in Audio detection Tampering Trip Zone	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	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea	1 / 1	1/1	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea
Alarm In / Out	Input 1ea / Output 1ea	Input 1ea / Output 1ea	1 / 1	1/1	Input 1ea / Output 1ea	Input 1ea / Output 1ea
Vandal Resistance	-	IK10	-	IK10	IK10	IK10
Outdoor Ready	-	IP67, Heater	-	IP67, Heater	IP67, Heater	IP67, Heater
Operating Temperature	-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)	-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)	-40°C ~ +60°C (+40°F ~ +140°F) *Starting Up at Above -20°C (-4°F)
Dimensions (W x H x D)	Ø140mm x 108mm (Ø5.5" x 4.25")	Ø160mm x 116.5mm (Ø6.30" x 4.59")	Ø174mm x 122.4mm (Ø6.85" x 4.82") surface: Ø174mm x 70.7mm (Ø6.85" x 2.78")	Ø160mm x 128.5mm (Ø6.30" x 5.06")	Ø160mm x 128.5mm (Ø6.30" x 5.06")	Ø160mm x 128.5mm (Ø6.30" x 5.06")
Weight	0.49kg (1.08lb)	1.21kg (2.66lb)	0.72kg (1.58lb)	1.21 kg (2.67lb)	1.21kg (2.66lb)	1.21kg (2.66lb)
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)	12VDC, PoE IEEE 802.3af (Class 3)
Power Consumption	12V=, 0.61A, 7.32W 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=, 0.97A, 11.6W PoE, IEEE 802.3af(Class 3)	12V =, 0.97A, 11.6W PoE, IEEE 802.3af (Class 3)	12V=, 0.82A, 9.84W PoE, IEEE 802.3af(Class 3)

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DOME CAMERAS

Model Name	MFZ, 2MP		MFZ, 8MP	MFZ, 12MP
	DC-D4236RX (-A)	DC-D4236HRX (-A)	DC-D4831HRX (-A)	DC-D3C33HRX
	full HD 2MP / NDAA Compliance	full HD 2MP / NDAA Compliance	4K 8MP / NDAA Compliance	4K 8MP
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/1.7" CMOS
Max. Resolution	1920 x 1080	1920 x 1080	3840 x 2160	4000 x 3000
Lens Type	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal
Focal Length	f=2.8-12mm	f=2.8-12mm	f=2.7-13.5mm	f = 4.5 - 10mm
Aperture	F1.4(W)-F2.8(T)	F1.4(W)-F2.8(T)	F1.8 - 3.32	F1.6 - 2.6
Iris Control	DC IRIS	DC IRIS	DC IRIS	P-Iris
Angular Field of View	Wide: 98º(H), 51º(V), 116º(D) Tele: 33º(H), 19º(V), 38º(D)	Wide: 98º(H), 51º(V), 116º(D) Tele: 33º(H), 19º(V), 38º(D)	Wide: 110.6º(H) 57.3º(V) 134.1º(D) Tele: 32.6º(H) 18.3º(V) 37.4(D)	[8MP Mode] Wide: 90.2º (H), 48.5º (V), 106.2º (D) Tele: 41.6º (H), 23.3º (V), 47.8º (D) [12MP Mode] Wide: 94.6º (H), 68.5º (V), 125.2º (D) Tele: 43.4º (H), 32.4º (V), 54º (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° ~ 64° Rotate: -177° ~ 177°	Pan: -176° ~ 176° Tilt: 0° ~ 65° Rotate: -90° ~ 90°
Min. Illumination	Color: 0.1 Lux @ F1.4 B/W: 0 Lux@ F1.4	Color: 0.1 Lux @ F1.4 B/W: 0 Lux (IR LED On)	Color: 0.2 Lux @ F1.8 B/W: 0 Lux (IR LED On)	Color: 0.3 Lux @ F1.6 B/W: 0 Lux (IR LED On)
Dynamic Range	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)
Day and Night	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)	30m / 98.4ft (6ea)	40m / 131.2ft (6ea)	30m / 98.4ft (6ea)
Image Stabilizer	-	-	-	-
De-fog	-	-	No	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: 3840 x 2160 15ips: 3840 x 2160 (WDR)	30ips: 3840 x 2160 (WDR) 15ips: 4000 x 3000 (WDR)
Ethernet	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-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	Motion Detection Alarm in Audio detection * Tampering Trip Zone	Motion Detection Alarm in Audio detection * Tampering Trip Zone	Motion Detection Audio Detection Alarm In Tampering Trip Zone
Audio In / Out *	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea	1 / 1
Alarm In / Out	Input 1ea / Output 1ea	Input 1ea / Output 1ea	Input 1ea / Output 1ea	1 / 1
Vandal Resistance	-	IK10	IK10	IK10
Outdoor Ready	-	IP67, Heater	IP67, Heater	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)	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)	-40°C ~ +60°C (-40°F ~ +140°F) *Starting Up at Above -20°C (-4°F)
Dimensions (W x H x D)	Ø122 x 103.4mm (Ø4.8" x 4.05")	Ø155 x 105mm (Ø6.1" x 4.13")	Ø155 x 104.4mm (Ø6.10" x 4.09")	Ø160mm x 128.5mm (Ø6.30" x 5.06")
Weight	0.37kg(0.81lb)	0.99 kg(2.18lb)	1.02 kg (2.25lb)	1.21kg (2.66lb)
Power Source	12VDC, PoE IEEE 802.3af (Class 3)	12VDC, PoE IEEE 802.3af (Class 3)	PoE (IEEE 802.3af Class 3), DC12V	12VDC, PoE IEEE 802.3af (Class 3)
Power Consumption	12V=, 0.38A, 4.6W PoE, IEEE 802.3af (Class 2), 4.7W	12V=, 0.95A, 11.4W PoE, IEEE 802.3af (Class 3), 10.3W	12V=, 1.2A, 14.4W PoE, IEEE 802.3af Class 3), 12.4W	12V =, 1.0A, 12W PoE, IEEE 802.3af (Class 3)

* : –A Model does not have Audio In/Out function.

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 "telecommu- nications 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.

IDIS and NDAA Compliant

(The National Defense Authorization Act)

BULLET CAMERAS

Model Name	Fixed focal, 2MP					Fixed focal, 8MP
	DC-E4212WR 2.8mm	DC-E4212WR 4.0mm	DC-E4213WR 2.8mm	DC-E4216WRX 2.8mm (-A)	DC-T4217WRX	DC-T4811WRX (-A)
Image Sensor	1/2.9" CMOS	1/2.9" 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	3840 x 2160
Lens Type	Fixed-focal	Fixed-focal	Fixed-focal	Fixed-focal	Fixed-focal	Fixed-focal
Focal Length	f = 4.0mm	f = 4.0mm	f=2.8mm	f = 2.8mm	f = 2.8mm	f=3.3mm
Aperture	F2.0	F2.15	F 2.0	F2.0	F2.0	F2.0(3.3mm)
Iris Control	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris
Angular Field of View	109.24° (H), 59.37° (V), 128.58° (D)	83° (H), 43° (V), 100.4° (D)	113.74° (H) 61.5°(V) 134.45°(D)	111.6° (H), 61.45° (V), 127.3° (D)	111.6°(H), 61.45°(V), 127.3°(D)	101.3° (H) 54.5°(V) 119.7°(D) (f=3.3mm)
Min. Illumination	Color: 0.4 Lux @ F2.0 B/W: 0 Lux (IR LED On)	Color: 0.28 Lux @ F2.15 B/W: 0 Lux (IR LED On)	COLOR : 0.2 lux @ F2.0 B/W : 0 lux (IR LED ON)	Color: 0.2 Lux @ F2.0 B/W: 0 Lux (IR LED On)	Color: 0.1 lux @ F2.0 B/W: 0 lux (IR LED On)	Color: 0.2 Lux @ F2.0 B/W: 0 lux (IR LED On)
Dynamic Range	More than 70dB	More than 70dB	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 Cut Filter with Auto Switch
IR Distance (LEDs)	20m / 65.6ft (2ea)	20m / 65.6ft (2ea)	30m / 98.4 ft (4 ea)	30m / 98.4ft (4ea)	20 m / 65.6 ft (2 ea)	20m / 65.6ft
Image Stabilizer	-	-	-	-	-	-
De-fog	Yes	Yes	Yes	-	-	No
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,	H.265, H.264 (MP) M-JPEG
Intelligent Codec	Supported	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
Max. Frame Rate	30ips: 1920 x 1080	30ips: 1920 x 1080	30ips : 1920 x 1080(WDR)	30ips: 1920 x 1080 (WDR)	30ips: 1920 x 1080	30ips: 3840 x 2160 15ips: 3840 x 2160 (WDR)
Ethernet	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)
Recording Session Buffer	Yes (Up to 10MB)	Yes (Up to 10MB)	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)
Trigger Event *	Motion Detection Tampering Trip Zone	Motion Detection Tampering Trip Zone	Motion Detection Alarm in Audio Detection Tampering Trip Zone	Motion Detection Alarm in Audio Detection* Tampering Trip Zone	Motion Detection Tampering Trip Zone	Motion Detection Alarm in Audio detection* Tampering Trip Zone
Audio In / Out *	-	-	1 / 1	1 / 1	-	Line-in 1ea / Line-out 1ea
Alarm In / Out	-	-	1 / 1	1 / 1	-	Input 1ea / Output 1ea
Vandal Resistance	IK10	IK10	IK10	IK10	IK10	IK10
Outdoor Ready	IP66	IP66	IP67	IP67	IP66	IP67
Operating Temperature	-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)	-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)	-20°C ~ +55°C (-4°F ~ +131°F) *Starting Up at Above 0°C (32°F)	-20°C ~ +55°C(-22°F ~ +131°F) (TBD) *Starting up at above 0°C (32°F)
Dimensions (W x H x D)	70mm x 65mm X 186.8mm (2.75" x 2.56" x 7.3")	70mm x 65mm X 186.8mm (2.75" x 2.56" x 7.3")	75mm x 70mm x 195.8mm (2.95" x 2.75" x 7.7")	75mm x 70mm x 195.8mm (2.95" x 2.75" x 7.7")	70.1mm x 65mm X 182.7mm (2.75" x 2.56" x 7.2")	75mm x 70mm x 195.8mm (2.95" x 2.75" x 7.7")
Weight	0.34Kg (0.74 lb)	0.34Kg (0.74 lb)	0.66kg (1.45lb)	0.66kg (1.45lb)	0.340Kg (0.75 lb)	0.65kg (1.43lb)
Power Source	PoE IEEE 802.3af (Class 2)	PoE IEEE 802.3af (Class 2)	PoE IEEE 802.3af (Class 2)	PoE IEEE 802.3af (Class 2)	PoE IEEE 802.3af (Class 2)	PoE (IEEE 802.3af Class 3)
Power Consumption	PoE, IEEE 802.3af (Class 2), 4.7W	PoE, IEEE 802.3af (Class 2), 4.7W	PoE, IEEE 802.3af(Class 2), 5.6W	PoE, IEEE 802.3af (Class 2), 6.1W	PoE, IEEE 802.3af(Class 2), 5.4W	PoE, (IEEE 802.3af Class 3), 9.0W

* : –A Model does not have Audio In/Out function.

BULLET CAMERAS

Model Name	MFZ, 2MP					
	DC-T4233HRX	DC-T6233HRX	DC-T6234HRX	DC-T3233HRXL	DC-T6233HRXL	DC-T6243HRX
Image Sensor	1/2.8" CMOS	1/3" CMOS	1/3" CMOS	1/1.9" CMOS	1/1.9" CMOS	1/3" CMOS
Max. Resolution	1920 x 1080	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	Motorized Vari-focal
Focal Length	f = 2.8 - 12mm	f = 3.3 - 10mm	f=9 - 22mm	f = 4.4 - 10mm	f = 4.4 - 10mm	f = 9 - 22mm
Aperture	F1.4~2.8	F1.3 - 2.5	F1.5 - 2.8	F1.2 - 1.95	F1.2 - 1.95	F1.5 - 2.8
Iris Control	DC Iris	P-Iris	P-Iris	P-Iris	P-Iris	P-Iris
Angular Field of View	Wide: 98°(H) 51°(V) 116°(D) Tele: 33°(H) 19°(V) 38(D)	Wide: 94.0° (H), 50.0° (V), 110.0° (D) Tele: 31.8° (H), 18.0° (V), 36.6° (D)	Wide: 94.0° (H), 50.0° (V), 110.0° (D) Tele: 31.8° (H), 18.0° (V), 36.6° (D)	Wide: 91.5° (H), 48.4° (V), 109° (D) Tele: 43.4° (H), 24.2° (V), 49.9° (D)	Wide: 91.5° (H), 48.4° (V), 109° (D) Tele: 43.4° (H), 24.2° (V), 49.9° (D)	Wide: 33.8° (H), 18.8° (V), 39.2° (D) Tele: 14.2° (H), 8° (V), 16.2° (D)
Min. Illumination	Color: 0.1 Lux @ F1.4 B/W: 0 Lux (IR LED On)	Color: 0.1 Lux @ F1.3 B/W: 0 Lux (IR LED On)	Color: 0.1 Lux @ F1.3 B/W: 0 Lux (IR LED On)	Color: 0.01 Lux @ F1.2 B/W: 0 Lux (IR LED On)	Color: 0.01 Lux @ F1.2 B/W: 0 Lux (IR LED On)	Color: 0.3 Lux @ F1.5 B/W: 0 Lux (IR LED On)
Dynamic Range	120dB (True WDR)	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 Cut Filter with Auto Switch
IR Distance (LEDs)	30m / 98.4ft (6ea)	30m / 98.4ft (10ea)	30m / 98.4ft (24ea) / White LED (6ea)	30m / 98.4ft (10ea)	30m / 98.4ft (10ea)	30m / 98.4ft (10ea)
Image Stabilizer	-	-	-	-	-	-
De-fog	Yes	Yes	Yes	Yes	Yes	Yes
Video Out	-	1 BNC	1 BNC	1 BNC	1 BNC	1 BNC
Video Compression	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	H.264 (MP), M-JPEG, H.265	H.264 (MP), M-JPEG, H.265
Intelligent Codec	Supported	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	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	30ips: 1920 x 1080 (WDR)	60ips: 1920 x 1080 30ips: 1920 x 1080 (WDR)	60ips: 1920 x 1080 30ips: 1920 x 1080 (WDR)	60ips: 1920 x 1080 30ips: 1920 x 1080 (WDR)	60ips: 1920 x 1080 30ips: 1920 x 1080 (WDR)	60ips: 1920 x 1080 30ips: 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100BASE-T)	RJ45 (10/100/1000 BASE-T)	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)	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)	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
Trigger Event	Motion Detection Alarm in Audio Detection Tampering Trip Zone	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	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	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea	1 / 1	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea
Alarm In / Out	Input 1ea / Output 1ea	Input 1ea / Output 1ea	Input 1ea / Output 1ea	1 / 1	Input 1ea / Output 1ea	Input 1ea / Output 1ea
Vandal Resistance	IK10	IK10	-	IK10	IK10	IK10
Outdoor Ready	IP67 / Heater	IP66, Heater	IP66, Heater	IP66, Heater	IP66, Heater	IP66, Heater
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Starting Up at Above -20°C (-4°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Starting Up at Above -20°C (-4°F)	-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)	-40°C ~ +55°C (-40°F ~ +131°F) *Starting Up at Above -20°C (-4°F)
Dimensions (W x H x D)	Ø77mm x 244.1mm (Ø3.03" x 9.61")	Ø73.5mm x 308.5mm (Ø2.9" x 12.15")	Ø73.5mm x 308.5mm (Ø2.9" x 12.15")	Ø73.5mm x 308.5mm (Ø2.9" x 12.15")	Ø73.5mm x 308.5mm (Ø2.9" x 12.15")	Ø73.5mm x 308.5mm (Ø2.9" x 12.15")
Weight	0.84kg (1.85lb)	1.17kg (2.58lb)	1.17kg (2.58lb)	1.17kg (2.58lb)	1.17kg (2.58lb)	1.17kg (2.58lb)
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)	12VDC, PoE IEEE 802.3af (Class 3)
Power Consumption	12V=, 1.21A, 14.52W PoE, IEEE 802.3af (Class 3), 11.1W	12V=, 0.85A, 10.2W PoE, IEEE 802.3af (Class 3)	12V=, 0.77A, 9.24W PoE, IEEE 802.3af (Class 3)	12V =, 0.8A, 9.6W PoE, IEEE 802.3af (Class 3)	12V =, 0.8A, 9.6W PoE, IEEE 802.3af (Class 3)	12V =, 0.72A, 8.64W PoE, IEEE 802.3af (Class 3)

One Solution. One Company.

BULLET CAMERAS

Model Name	MFZ, 2MP	MFZ, 8MP	MFZ, 12MP	
	DC-T4236HRX (-A)	DC-T4831HRX (-A)	DC-T3C33HRX	
	full HD 2MP NDAA Compliance	4K 8MP NDAA Compliance	4K 8MP	
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/1.7" CMOS	
Max. Resolution	1920 x 1080	3840 x 2160	4000 x 3000	
Lens Type	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal	
Focal Length	f = 2.8 - 12mm	f=2.7-13.5mm	f = 4.5 - 10mm	
Aperture	F1.4 - 2.8	F1.8 - 3.32	F1.6 - 2.6	
Iris Control	DC IRIS	DC IRIS	P-Iris	
Angular Field of View	Wide: 98º (H) 51º (V) 116º (D) Tele: 33º (H) 19º (V) 38º (D)	Wide: 110.6º(H) 57.3º(V) 134.1º(D) Tele: 32.6º(H) 18.3º(V) 37.4(D)	[8MP mode] Wide: 90.2º (H), 48.5º (V), 106.2º (D) Tele: 41.6º (H), 23.3º (V), 47.8º (D)	[12MP mode] Wide: 94.6º (H), 68.5º (V), 125.2º (D) Tele: 43.4º (H), 32.4º (V), 54º (D)
Min. Illumination	Color: 0.1 Lux @ F1.4 B/W: 0 Lux (IR LED On)	Color: 0.2 lux @ F1.8 B/W: 0 lux (IR LED On)	Color: 0.2 Lux @ F1.6 B/W: 0 Lux (IR LED On)	
Dynamic Range	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 Distance (LEDs)	30m / 98.4ft (6ea)	40m /131.2ft (6ea)	50m / 164 ft (4ea)	
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	
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	30ips: 1920 x 1080 (WDR)	30ips: 3840 x 2160 15ips: 3840 x 2160 (WDR)	30ips: 3840 x 2160 (WDR) 15ips: 4000 x 3000 (WDR)	
Ethernet	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100/1000 BASE-T)	
Recording Session Buffer	Yes (Up to 60MB)	Yes (Up to 60MB)	Yes (Up to 100MB)	
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)	
Trigger Event	Motion Detection Alarm in Audio Detection * Tampering Trip Zone	Motion Detection Alarm in Audio detection* Tampering Trip Zone	Motion Detection Alarm in Audio Detection Tampering Trip Zone	
Audio In / Out	1 / 1	Line-in 1ea / Line-out 1ea	1 / 1	
Alarm In / Out	1 / 1	Input 1ea / Output 1ea	1 / 1	
Vandal Resistance	IK10	IK10	IK10	
Outdoor Ready	IP67, Heater	IP67, Heater	IP67, Heater	
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting Up at Above -20°C (-4°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Starting Up at Above -20°C (-4°F)	-40°C ~ +60°C (-40°F ~ +140°F) *Starting Up at Above -20°C (-4°F)	
Dimensions (W x H x D)	Ø 77mm X 244.1mm (Ø3.0" x 9.61")	80mm X 75mm X 237mm (3.15" x 2.95" x 9.33")	132.8mm x 132.8mm x 372.9mm (5.23" x 5.23" x 14.68")	
Weight	0.84 kg (1.85lb)	1.00kg (2.20lb)	2.7kg (5.95lb)	
Power Source	12VDC, PoE IEEE 802.3af (Class 3)	12VDC, PoE IEEE 802.3af (Class 3)	12VDC, PoE IEEE 802.3at (Class 4)	
Power Consumption	12V=, 0.78A, 9.3W PoE, IEEE 802.3af (Class 3), 8.5W	12V=, 1.1A, 13.2W PoE, IEEE 802.3af(Class 3), 11.7W	12V =, 1.6A, 19.2W PoE, IEEE 802.3at (Class 4)	

* : –A Model does not have Audio In/Out function.

EDGE VA - The new models include analytics functionality such as line cross, loitering, and object detection, as well as other feature sets including audio detection.

IDIS SUPER FISHEYE CAMERA

IDIS DUAL SIDE DEWARPING SOLUTION

On-Board Camera and Client-Side
(Mobile Devices, Client PCs, or NVRs Without a PC)

Image dewarping is done either on-board the camera or on the client-side, including mobile phones, client PCs, or an NVR without a PC. NVR dewarping is an ideal choice for a wide range of applications, such as retail shops, restaurants, and supermarkets.

FISHEYE CAMERAS

Model Name	Fixed focal, 5MP			Fixed focal, 12MP	
	DC-Y6513RX	DC-Y6513WRX	DC-Y6516WRX (-A)	DC-Y8C13WRX	DC-Y6C16WRX (-A)
Image Sensor	1/1.8" CMOS	1/1.8" CMOS	1/1.8" CMOS	1/1.7" 12MP CMOS	1/2.3" 12MP CMOS
Max. Resolution	2560 x 2048	2560 x 2048	2560 x 2048	3200 x 2944	2944 x 2944
Lens Type	Fixed-focal	Fixed-focal	Fixed-focal	Fixed-focal	Fixed-focal
Focal Length	1.5mm	1.5mm	f=1.5mm	f=1.2mm	f=1.6mm
Aperture	F1.8	F1.8	F1.8	F2.2	F2.0
Iris Control	Fixed Iris	Fixed Iris	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)	180° (H), 180° (V), 180° (D)	180°(H), 180°(V), 180°(D)
Pan / Tilt / Zoom	-	-	-	-	-
Min. Illumination	Color: 0.5 Lux @ F1.8 B/W: 0 Lux (IR LED On)	Color: 0.1 Lux @ F1.8 B/W: 0 Lux (IR LED On)	Color: 0.15 Lux @ F1.8 B/W: 0 Lux (IR LED On)	Color: 0.2 Lux @ F2.2 B/W: 0 Lux (IR LED On)	Color: 0.3 Lux @ F2.0 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)	15m (6ea)	20m (4ea)	20m(4ea)	15m (6ea)	10m (4ea)
Image Stabilizer	-	-	-	-	-
Viewing Composition	1O, 1P, 1P2R, 2P, 4R, 1O7R	1O, 1P, 1P2R, 2P, 4R, 1O7R	1O, 1P, 1P2R, 2P, 4R, 1O7R	1O, 1P, 1P2R, 2P, 4R, 1O7R	1O, 1P, 1P2R, 2P, 4R, 1O7R
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: 2560 x 2048 (WDR)	30ips: 2560 x 2048 (WDR)	30ips: 2560 x 2048 (WDR)	30ips: 3200 x 2944 15ips: 3200 x 2944 (WDR)	30ips: 2944 X 2944 15ips: 2944 x 2944 (WDR)
Ethernet	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)	RJ45 (10/100/1000BASE-T)	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSrec)	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	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 (Built In MIC) + 1 / 1	1 (Built In MIC) + 1 / 1	Line-in 1ea (Built In MIC) + 1 / Line-out 1ea	1 (Built In MIC) + 1 / 1	Line-in 1ea (Built In MIC) + 1 / Line-out 1ea
Alarm In / Out	1 / 1	1 / 1	Input 1ea / Output 1ea	1 / 2	Input 1ea / Output 1ea
Vandal Resistance	-	IK10	IK10	IK10	IK10
Outdoor Ready	-	IP67	IP67	IP67	IP67
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) *Startin g Up at Above 0°C (32°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Startin g 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 ~ +60°C (+14°F ~ +140°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)
Dimensions (W x H x D)	Ø122mm x 35.8mm (Ø4.80" x 1.40")	Ø135mm x 54mm (Ø5.31" x 2.1")	Ø135 x 56.9mm (Ø5.31" x 2.24")	Ø155.0mm x 58.3mm (Ø6.10" x 2.29")	Ø135 x 56.9mm (Ø5.31" x 2.24")
Weight	0.285kg (0.63 lb)	0.6kg (1.32 lb)	0.67kg (1.47 lb)	0.840 kg (1.85 lb)	0.67kg (1.47 lb)
Power Source	12VDC, PoE IEEE 802.3af (Class 3), 7.5W	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=, 0.62A, 7.5W PoE, IEEE 802.3af (Class 3), 7.5W	12V=, 1A, 12W PoE, IEEE 802.3af (Class 3), 10.7W	12V=, 0.92A, 11W PoE (IEEE 802.3af Class 3), 10.3W	12V=, 1A, 12W PoE, IEEE 802.3af (Class 3), 12W	12V=, 0.94A, 11.3W PoE, IEEE 802.3af(Class 3), 10.6W

* : –A Model does not have Audio In/Out function.

One Solution. One Company.

IDIS PREMIER IR PTZ CAMERA

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.

iF

reddot award 2018
winner

SPEED DOME CAMERAS

Model Name	Outdoor PTZ, 2MP, 30x DC-S3283WHX (-A)	Indoor PTZ, 2MP, 30x DC-S3283FX (-A)	IR PTZ, 5MP, 31x DC-S3583HRX (-A)	IR PTZ, 8MP, 31x DC-S3883HRX (-A)	IR PTZ, 2MP, 36x DC-S6283HRXL (-A)
Image Sensor	1/3" CMOS	1/3" CMOS	1/1.7" CMOS	1/1.7" CMOS	1/2" CMOS
Max. Resolution	1920 x 1080	1920 x 1080	3072 x 1728	3840 x 2160	1920 x 1080
Lens Type	AF Zoom Lens	AF Zoom Lens	AF Zoom Lens	AF Zoom Lens	AF Zoom Lens
Focal Length	f = 4.3 - 129mm	f = 4.3 - 129mm	f = 6.5 - 202mm (31x)	f = 6.5 - 202mm (31x)	f = 6 - 216mm (36x)
Aperture	F1.6 - 5.0	F1.6 - 5.0	F1.55 - 4.8	F1.55 - 4.8	F1.36 - 4.6
Iris Control	DC Auto Iris (Hall Sensor)	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: 64.7° (H), 38.6° (V), 72.7° (D) Tele: 2.3° (H), 1.4° (V), 2.6° (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), 34.4° (V), 65.2° (D) Tele: 1.99° (H), 1.13° (V), 2.3° (D)	Wide: 58.2° (H), 34.4° (V), 65.2° (D) Tele: 1.99° (H), 1.13° (V), 2.3° (D)	Wide: 59.0°(H), 34.9°(V), 66.1°(D) Tele: 2.04°(H), 1.04°(V), 2.32°(D)
Min. Illumination	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 @ F1.55 B/W: 0 Lux (IR LED On)	Color: 0.1 Lux @ F1.55 B/W: 0 Lux (IR LED On)	Color: 0.1 Lux @ F1.36 B/W: 0 Lux (IR LED On)
Dynamic Range	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)
IR Distance (LEDs)	-	-	200m / 656.2ft (2ea)	200m / 656.2ft (2ea)	350m / 1,148.2ft (2ea)
Image Stabilizer	-	-	Yes (DIS)	Yes (DIS)	Yes (DIS)
Auto Tracking	Yes	Yes	Yes	Yes	Yes
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	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	60ips: 1920 x 1080 30ips: 1920 x 1080 (WDR)	60ips: 1920 x 1080 30ips: 1920 x 1080 (WDR)	30ips: 3072 x 1728 (WDR)	30ips: 3840 x 2160 (WDR)	60ips: 1920 x 1080 30ips: 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100/1000BASE-T)	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSrec)	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	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 *	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea
Alarm In / Out	Input 4ea / Output 2ea	Input 4ea / Output 2ea	Input 8ea / Output 2ea	Input 8ea / Output 2ea	Input 8ea / Output 2ea
Vandal Proof Casing	IK10	-	IK10	IK10	IK10
Outdoor Ready	IP67, 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)	-10°C ~ +60°C (+14°F ~ +140°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)	-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)	Ø200mm x 201mm (Ø7.88" x 7.91")	Ø226.5mm x 225.3mm (Ø8.92" x 8.87")	Ø242mm x 401.1mm (Ø9.52" x 15.79")	Ø242mm x 401.1mm (Ø9.52" x 15.79")	Ø242mm x 401.1mm (Ø9.52" x 15.79")
Weight	2.45 kg (5.41lb)	2.2 kg (4.86lb)	7.4kg (16.31 lb)	7.4kg (16.31lb)	7.2kg (15.87lb)
Power Source	24VAC, PoE IEEE 802.3at (Class 4)	24VAC, PoE IEEE 802.3af (Class 3)	24VAC, PoE (75W)	24VAC, PoE (75W)	24VAC, PoE (75W)
Power Consumption	HEATER OFF 24V~, 0.66A, 12.0W, 50/60Hz PoE, IEEE 802.3at (Class 4) HEATER ON 24V~, 0.82A, 15.3W, 50/60Hz PoE, IEEE 802.3at (Class 4)	24V~, 0.66A, 12.0W, 50/60Hz PoE, IEEE 802.3af (Class 3)	HEATER OFF 24V~, 2.1A, 38.2W, 50/60Hz PoE, IEEE 802.3bt (Class 7), 29.7W HEATER ON 24V~, 3.7A, 68.58W, 50/60Hz PoE, IEEE 802.3bt (Class 7), 58.6W	HEATER OFF 24V~, 2.1A, 38.2W, 50/60Hz PoE, IEEE 802.3bt (Class 7), 29.7W HEATER ON 24V~, 3.7A, 68.58W, 50/60Hz PoE, IEEE 802.3bt (Class 7), 58.6W	HEATER OFF 24V~, 2.1A, 35.9W, 50/60Hz High-PoE, 50-57V, 27.9W HEATER ON 24V~, 3.7A, 64.6W, 50/60Hz High-PoE, 50-57V, 55.2W

* : –A Model does not have Audio In/Out function.

One Solution. One Company.

COVERT MODULAR CAMERAS

Model Name	Covert Modular, 2MP	
	DC-V3213XJ 4.3mm	DC-V3213XJ-2.5mm
	full HD 2MP	full HD 2MP
Image Sensor	1/2.9" SONY CMOS Sensor	1/2.9" SONY CMOS Sensor
Max. Resolution	1920 x 1080	1920 x 1080
Scanning Mode	Progressive Scan	Progressive Scan
Lens Type	Fixed-focal Sharp-corn	Fixed-focal Board Type
Focal Length	f=4.3mm	f = 2.5mm
Aperture	F2.0	F2.0
Iris Control	Fixed Iris	Fixed Iris
Angular Field of View	83º(H), 47º(V), 95º(D)	132º (H), 70º (V), 150º (D)
Min. Illumination	Color: 0.1 Lux B/W: 0.01 Lux	Color: 0.1 Lux B/W: 0.01 Lux
Dynamic Range	120dB (True WDR)	120dB (True WDR)
Day and Night	Electrical	Electrical
IR Distance (LEDs)	-	-
Video Out	-	-
Video Compression	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG
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	30ips: 1920 x 1080 15ips: 1920 x 1080 (WDR)	30ips: 1920 x 1080 15ips: 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTSrec)	Yes (Up to 60MB)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone	Motion Detection Alarm in Audio detection Tampering, Trip Zone
Audio In / Out	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea
Alarm In / Out	Input 1ea / Output 1ea	Input 1ea / Output 1ea
Vandal Proof Casing	-	-
Outdoor Ready	-	-
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)
Dimensions (W x H x D) - Main Module	153mm x 36.5mm x 132.7mm (6.02" x 1.44" x 5.22")	153mm x 36.5mm x 132.7mm (6.02" x 1.44" x 5.22")
Dimensions (W x H x D) - Camera Module	39mm x 40mm x 25mm (1.54" x 1.57" x 0.98")	39mm x 40mm x 35mm (1.54" x 1.57" x 1.38")
Weight	0.9kg (1.98lb)	0.9kg (1.98lb)
Power Source	12VDC, PoE IEEE 802.3at (Class 4)	12VDC, PoE IEEE 802.3at (Class 4)
Power Consumption	12V=, 0.37A, 4.44W PoE, IEEE 802.3at(Class 4)	12V=, 0.37A, 4.44W PoE, IEEE 802.3at(Class 4)

THERMAL CAMERAS

Dual Sensor Camera

DC-TH2012WR

- Dual Sensor (Thermal + Sensor) IP Camera
- 3 Mode Display Support (Visual / Thermal / Overlay)
- Onvif-compliant
- White LED (Manual Operation or Temperature Alarm)
- IP67 Ingress Protection

SPECIFICATIONS

Feature		
Thermal Image	IR Sensor Frame Rate	< 9 Hz
	IR Sensor Resolution	160 (H) × 120 (V) Pixel
	Spectral Range	LWIR, 8 to 14μm
	Field of View (FOV)	57° HFOV, 71° Diagonal (f/1.1 Silicon Double)
	Temperature Sensitivity	< 50 mK (0.05°C)
	Temperature Range	Low Gain Mode: -10°C ~ 140°C High Gain Mode: -10°C ~ 450°C
Visible Image	CMOS Sensor	1/2.9 inch Sony CMOS Progressive Scan
	Effective Pixels	3096 (H) x 2202 (V) : 6.82M Pixel
	Min. Illumination	0.1 Lux / F#1.2
	Focal Length	3.5mm
	Frame Rate	30fps
	Resized Resolution	MAX: 2592 (H) × 1944 (V) Pixel MIN: 640(H)) × 480 (V) Pixel
	Multi-User Access	8 (RTSP Streaming)
Others	Alarm Out	1 Port (Dry Contact, Relay Out)
	Operating Temperature	0°C ~ +50°C (32°F ~ +122°F)
	Power	PoE (802.3.af), DC12V
	Power Consumption	5W
	Outdoor Ready	IP67
	Dimension (W x H x D)	80mm x 131mm x 47mm
	Weight	400g

Visual/Thermal Overlay Mode

Visual Image
Stream#1 @ 5.0MP
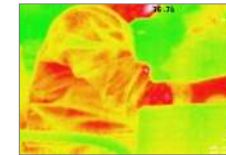
Thermal Image (Color)
Stream#2 @ 160 x 120

Overlaid Image (Color)
Stream#3 @ 720 x 540

Multiple Points of Temperature Measurement

Up to 10 Points of Simultaneous Temperature Probing

Min & Max I Temperature +Contrast Ratio

Case Study

Tunnel

Coal Conveyor

Valve

Garbage Yard

Warehouse

DirectCX®

THE MOST ADVANCED HD ANALOG OVER COAX SOLUTION

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

HD ANALOG RECORDERS

TR-1000 SERIES | IDIS Compact Solution

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

205

Model Name	TR-1204	TR-1208
VIDEO		
Video Inputs	4 BNC (Multistandard Analog)	8 BNC (Multistandard Analog)
Supported Camera Types	720P25, 720P30, 1080P25, 1080P30, CVBS (NTSC / PAL)	
Video Outputs	1 HDMI, 1 VGA	
Display Resolution	HDMI / VGA : 1920 x 1080, 1440 x 900, 1280 x 1024	
Display Speed	Up to 120ips	Up to 240ips
RECORDING		
Recording Resolution	1920 x 1080, 1280 x 720, 960 x 480,720 x 480 960 x 240, 720 x 240, 480 x 240, 360 x 240	
Frame Rate	120ips @ 1080P	240ips @ 1080P
Recording Mode	Time-Lapse, Event, Pre-Event, Panic	
Trigger Events	Motion detection, Video loss	
PLAYBACK		
Performance	1ch 1080P / 4ch D1 Synchronous Playback	2ch 1080P / 8ch D1 Synchronous Playback
Search Mode	Time-lapse, Event log, Motion	
Digital Zoom	x2 ~ x12	
STORAGE		
HDD	SATA x1	
Data Export Device	USB HDD, USB Stick	
NETWORK		
Client Connection	Fast Ethernet x1	
Transmission Speed	30ips@Full HD per channel, shared with recording	
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 2.0 x 2	
GENERAL		
Operating System	Embedded Linux	
Dimensions (W x H x D)	205mm x 44.5mm x 223.4mm (8.07" x 1.75" x 8.80")	205mm x 223.4mm x 44.5mm (8.07" x 8.80" x 1.75")
Unit Weight	1.12kg (2.47lb) (with 1 HDD)	1.24kg (2.73lb) (with 1 HDD)
Operating Humidity	0% ~ 90%	0% ~ 90%
Power Input	Adaptor Input: 100-240V AC, 50/60Hz, 1.2A, Output: 12V DC, 3A	
Power Consumption	12V=, 0.88A, 10.6W	12V=, 1.11A, 13.32W
Approvals	FCC, CE, KC	

TR-2000 SERIES

Model Name	TR-2204	TR-2504	TR-2508
VIDEO			
Video Inputs	4 BNC (Multistandard Analog)	4 BNC (Multistandard Analog)	8 BNC (Multistandard Analog)
Supported Camera Types	720P25, 720P30, 1080P25, 1080P30, CVBS (NTSC / PAL)	5MP20, 5MP12, 4MP30, 4MP15, 3MP30, 3MP18, 1080P30, 1080P25, 720P30, 720P25, CVBS(NTSC/PAL)	5MP20, 5MP12, 4MP30, 4MP15, 3MP30, 3MP18, 1080P30, 1080P25, 720P30, 720P25, CVBS(NTSC/PAL)
Video Outputs	1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA
Display Resolution	HDMI / 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 120ips	Up to 120ips	Up to 240ips
RECORDING			
Recording Resolution	1920 x 1080, 1280 x 720, 960 x 480, 720 x 480, 960 x 240, 720 x 240, 480 x 240, 360 x 240	5MP, 4MP, 3MP, 1920 x 1080, 1280 x 720, 960 x 480, 720 x 480, 640 x 360, 960 x 240, 720 x 240, 480 x 240, 360 x 240	5MP, 4MP, 3MP, 1920 x 1080, 1280 x 720, 960 x 480, 720 x 480, 640 x 360, 960 x 240, 720 x 240, 480 x 240, 360 x 240
Frame Rate	120ips @ 1080P	120ips@1080P, 72ips@3MP, 60ips@4MP, 40ips@5MP	240ips@1080P, 144ips@3MP, 120ips@4MP, 80ips@5MP
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	2ch 1080P Synchronous Playback	4ch 1080p Synchronous Playback	8ch 1080p Synchronous Playback
Search Mode	Time-lapse, Event log, Motion, Text-in	Time-lapse, Event log, Motion, Text-in	Time-lapse, Event log, Motion, Text-in
Digital Zoom	x2 ~ x12	x2 ~ x7	x2 ~ x7
STORAGE			
HDD	SATA x 2 (Up to 6TB Capacity for Each Disk)	SATA x2	SATA x2
Data Export Device	USB HDD, USB Stick	USB HDD, USB Stick	USB HDD, USB Stick
NETWORK			
Client Connection	Fast Ethernet x 1	Fast Ethernet x1	Fast Ethernet x1
Transmission Speed	30ips @ Full HD per Channel, Shared with Recording	30ips@Full HD per channel, shared with recording 120ips@Full HD	30ips@Full HD per channel, shared with recording 120ips@Full HD
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	4 In / 1 Relay Out	8 In / 1 Relay Out
Alarm Reset In	-	-	-
Serial Interface	RS232, RS485 (Terminal Block), USB 2.0 x 2	RS232 / RS485(Terminal Block), USB 2.0 x 2(Front x 2)	RS232 / RS485(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)	300mm x 62mm x 231 mm (11.8" x 2.4" x 9.1")	300mm x 67mm x 243.6mm (11.8" x 2.6 x 9.6")	300mm x 67mm x 243.6mm (11.8" x 2.6 x 9.6")
Unit Weight	2.3kg (5.1lb) (with 1 HDD)	3.0 kg (with 2 2TB HDD)	3.0 kg (with 2 2TB HDD)
Operating Humidity	0% ~ 90%	0% ~ 90%	0% ~ 90%
Power Input	Adaptor Input: 100-240V AC, 50/60Hz, 1.5A, Output: 12V DC, 5A	Adaptor Input: 100-240V AC, 50/60Hz, 1.5A, Output: 12V DC, 5A	Adaptor Input: 100-240V AC, 50/60Hz, 1.5A, Output: 12V DC, 5A
Power Consumption	12V=, 1.3A, 15.6W	12V=, 1.7A, 20.4W	12V=, 1.84A, 22.1W
Approvals	FCC, CE, KC	FCC, CE, KC	FCC, CE, KC

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TR-4000 SERIES

Model Name	TR-4308	TR-4316
VIDEO		
Video Inputs	8 BNC (Multistandard Analog)	16 BNC (Multistandard Analog)
Supported Camera Types	5MP, 4MP, 3MP, 1080P30, 1080P25, 720P30, 720P25, CVBS(NTSC / PAL) (Note. Each 5MP(20ips) or 4MP(25/30ips) Camera allocates 2 channel slots)	5MP, 4MP, 3MP, 1080P30, 1080P25, 720P30, 720P25, CVBS(NTSC / PAL) (Note. Each 5MP(20ips) or 4MP(25/30ips) Camera allocates 2 channel slots)
Video Outputs	1 HDMI, 1 VGA, 1 BNC (Spot)	1 HDMI, 1 VGA, 1 BNC (Spot)
Display Resolution	HDMI: 3840 x 2160, 1920 x 1080, 1440 x 900, 1280 x 1024 VGA: 1920 x 1080, 1440 x 900, 1280 x 1024 Composite: 720 x 480(NTSC), 720 x 576(PAL)	HDMI: 3840 x 2160, 1920 x 1080, 1440 x 900, 1280 x 1024 VGA: 1920 x 1080, 1440 x 900, 1280 x 1024 Composite: 720 x 480(NTSC), 720 x 576(PAL)
Display Speed	Up to 240ips	Up to 480ips
RECORDING		
Recording Resolution	5MP, 4MP, 3MP, 1920 x 1080, 1280 x 720, 960 x 480, 720 x 480, 960 x 240, 720 x 240, 480 x 240, 360 x 240	5MP, 4MP, 3MP, 1920 x 1080, 1280 x 720, 960 x 480, 720 x 480, 960 x 240, 720 x 240, 480 x 240, 360 x 240
Frame Rate	240ips@1080P	480ips@1080P
Recording Mode	Time-Lapse, Event, Pre-Event, Panic	
Trigger Events	Alarm in, Motion Detection, Video loss, Text-in	
PLAYBACK		
Performance	4ch 1080P Synchronous Playback	
Search Mode	Time-lapse, Event Log, Motion, Text-in	
Digital Zoom	x2 ~ x12	
STORAGE		
HDD	SATA x4, eSATA x1, (Up to 10TB capacity for each disk)	SATA x4, eSATA x1, RAID 1 Supported
Data Export Device	USB HDD, USB Stick	
NETWORK		
Client Connection	Gigabit Ethernet x 1	
Transmission Speed	120ips @ Full HD	
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite	
INTERFACE		
Audio In / Out	4 RCA / 1 RCA + 1 HDMI	
Alarm In / Out	8 In / 4 Relay Out	16 In / 4 Relay Out
Alarm Reset In	1	
Serial Interface	RS232, RS485 (Terminal Block), USB 2.0, USB 3.0	
GENERAL		
Operating System	Embedded Linux	
Dimensions (W x H x D)	430mm x 88mm x 413 mm (16.9" x 3.5" x 16.3")	430mm x 88mm x 413 mm (16.9" x 3.5" x 16.3")
Unit Weight	6.0kg (13.2lb) (with 1 HDD)	6.0kg (13.2lb) (with 1 HDD)
Operating Humidity	0% ~ 90%	0% ~ 90%
Power Input	AC 100-240 V, 50/60Hz, ≤ 2.0A	AC 100-240 V, 50/60Hz, ≤ 2.0A
Power Consumption	100-240V~, 50/60Hz, 1.2-0.6A, 76W	100-240V~, 50/60Hz, 1.2-0.6A, 76W
Approvals	FCC, CE, KC, CB, UL, PSE	

HD-TVI CAMERAS

Model Name	TC-S1283WHX	TC-D4222WRX	TC-T4222WRX
VIDEO			
Image Sensor	1/2.8" SONY STARVIS CMOS Sensor	1/2.8" CMOS Sensor	1/2.8" CMOS Sensor
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080
Scanning Mode	Progressive Scan	Progressive Scan	Progressive Scan
Lens Type	AF Zoom lens	Vari-focal	Vari-focal
Focal Length	f = 4.3mm - 129mm	f = 2.8mm ~ 12mm	f = 2.8mm ~ 12mm
Iris Control	DC Auto Iris	ELC	ELC
Angular Field of View	65.1° - 2.23° (H)	Wide: 95.1° (H), 50.8° (V), 110.6° (D) Tele: 35.6° (H), 20.0° (V),40.8° (D)	Wide: 96.7° (H), 51.8° (V), 112.4° (D) Tele: 35.2° (H), 19.8° (V), 40.4° (D)
Pan / Tilt Range	-	Pan: 0° ~ 360° Tilt: 7° ~ 90°	-
Min. Illumination	Color: 0.35 Lux BW: 0.013 Lux @ 50IRE	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)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	-	30 m / 98.4 ft (24ea)	40m / 131.2 ft (4ea)
Image Stabilizer	Yes (DIS)	-	-
Video Out	1 HD BNC, 1 SD BNC	1 HD BNC, 1 SD BNC	1 HD BNC, 1 SD BNC
PAN / TILT / ROTATE			
Tilt Range	-10° ~ 190°	-	-
Preset	240ea	-	-
FUNCTION			
Sens-Up	Off / x2 ~ x8	Off / x2 ~ x32	Off / x2 ~ x32
Wide Dynamic Range (WDR)	True WDR (Off / On, Night Off (Low, Middle, High))	Off / On (Low, Middle, High)	Off / On (Low, Middle, High)
Backlight Compensation (BLC)	Off / On	Off / On	Off / On
HLC	HLC On / Off Level 0~20, Color: Black, White, Yellow, Cyan, Green, Magenta, Red, Blue	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	2D+3DNR (Off / Low / Middle / High)	Off / Low / Middle / High	Off / Low / Middle / High
De-Fog	Off / On	Off / On	Off / On
ENVIRONMENTAL			
Outdoor Ready	IP66	IP66, IK10	IP66
Storage Temperature	-	-	-20°C ~ +60°C (-4°F ~ +140°F) (Humidity: 0% ~ 95%)
Operating Temperature	-30°C ~ +55°C (-22°F ~ +131°F) (Humidity: 0% ~ 95%)	-10°C ~ +50°C (+14°F ~ +122°F) (Humidity: 0% ~ 90%)	-10°C ~ +50°C (+14°F ~ +122°F) (Humidity: 0% ~ 90%)
GENERAL			
Dimensions (W x H x D)	Ø234mm x 301mm (Ø9.2" x 11.8")	Ø136mm x 111mm (Ø5.35" x 4.37")	Ø77.5mm X 212mm (Ø3.05" x8.35")
Power Source	12VDC / 24VAC (Heater & Fan 24VAC)	12VDC, 24VAC	12VDC, 24VAC
Power Consumption	12.0W (Heater & Fan 50.0W)	6W	8.5W

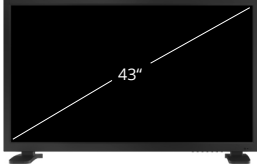One Solution. One Company.

SECURITY MONITORS

Bringing You the Ultimate Surveillance Experience
Cutting-edge video wall monitor for surveillance control room

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 address 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 unrivaled 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 the total cost of ownership with lower power consumption, maintenance cost, and a longer lifetime.

SECURITY MONITORS

Model Name	VW-F552	SM-F432	SM-F322	SM-F212
	55"	43"	32"	21"
PANEL				
Type	LED	LED	LED	LED
Screen Size	55 Inch	43 Inch	32 Inch	21.5 Inch
Active Display Area	1,209.6mm(H) x 680.4mm(V)	941.184mm(H) x 529.416mm(V)	698.40mm(H) x 392.85mm(V)	476.64mm(H) x268.11mm(V)
Max. Resolution	1920 x 1080 @ 60Hz	1920 x 1080 @ 60Hz	1920 x 1080 @ 60Hz	1920 x 1080 @ 60Hz
Brightness	500cd/m²	300cd/m²	250cd/m²	220cd/m²
Contrast Ratio	1400:1	1200:1	1200:1	1000:1
Viewing Angle(H/V)	178°/178°	178°/178°	178°/178°	170°/160°
Frequency(H/V)	31~67Khz / 49~60Khz	30~80Khz / 50~75Khz	30~80Khz / 50~75Khz	30~80Khz / 50~75Khz
Response Time (G2G)	<8ms	<8ms	<6.5ms	<5ms
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	1
Display Port	1(1.2 Ver.)	-	-	-
VGA Input	1	1	1	1
DVI In/Out	1/1*	-	-	-
Audio In/Out	-	1/1	1/1	1/0
BNC Video In/Out	-	1/1	1/1	1/1
RS232 In/Out	1/1(RJ45)	-	-	-
USB	1(S/W update)	-	-	-
GENERAL				
Outline Dimension(WxHXD)	1,213.4mm x 684.2mm x 121.85mm (47.77" x 26.94" x 4.79")	985.0mm x 614.77mm x 180.0 mm (38.78" x 24.20" x 7.09")	741.2mm x 472.9mm x 180.0 mm (29.18" x 18.62" x 7.09")	507.0mm x 370.2mm x 149.1mm (19.96" x 14.56" x 5.87")
Bezel width (Spec. for VideoWall)	3.5mm(Bezel to Bezel)	-	-	-
Net Weight/Gross Weight	27.5Kg(60.62lb)/35Kg(77.16lb)	15.6Kg(34.4lb)/19.5Kg(42.99lb)	12.5Kg(27.56lb)/15.6Kg(34.4lb)	3.8Kg(8.38lb)/4.8Kg(10.58lb)
Material/Color	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
MTBF	50,000 Hours	50,000 Hours(Panel)	50,000 Hours(Panel)	50,000 Hours(Panel)
Power Supply	AC100~240V(50/60Hz)	AC100~240V(50/60Hz)	AC100~240V(50/60Hz)	DC 12V, 3A(AC100~240V[50/60Hz])
Power Consumption - Typical	200W	67W	50W	25.2W
- Stand by	<0.5W	<0.5W	<0.5W	<0.5W
Power Savings(DPMS)	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)	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)
Built-In Speaker	-	Yes(5Wx2)	Yes(5Wx2)	Yes(3Wx2)
Remote Control	Yes	Yes	Yes	Yes
VESA Mount Size	600mm x 400mm / M6 x 12 Screws	300mm x 300mm / M6 x 10 Screws	200mm x 200mm / M6 x 10 Screws	100mm x 100mm / M4 x 6 Screws
Operation Hours	24/7	24/7	24/7	24/7
Prevent Burn-In	Yes	Yes	Yes	Yes

*DVI Port Pass through up to 10 X 10

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NETWORK ACCESSORIES

	Network Keyboard	Long Range PoE Extender	Ethernet Over Coax Device	Single Port PoE Injector	Single Port PoE Injector	Single Port PoE Repeater
	NK-1200	DA-LP1101R / DA-LP1101T	DA-EC3101R / DA-EC3101T	DA-PI1101 / DA-PI2101	DA-PI PoE75U	DA-PR1101
Model Name						
Key Features	· Remote control of NVRs, network video transmitters, network video receivers and network cameras via network connection · Control of NVRs by using a USB mouse via network connection · Two-way audio communication · Convenient firmware upgrades via either the USB port or ethernet · Firmware duplication and auto-recovery functions to enhance system stability · Management of multiple network keyboards via network connection · Programmable by using the LCD screen · Supports PoE (IEEE 802.3af class 0)	· Up to 500m PoE transmission between devices using UTP cabling · Up to 700m DATA transmission between equipment using UTP cabling · Supports plug-and-play without setting up special IP addresses · Supports 1Gbps / IEEE802.3at for PoE Injector · Supports 1Gbps / IEEE802.3at / 100m for PoE Repeater	· Makes it possible to install Full HD network cameras using existing coaxial cables · Supports PoE (IEEE 802.3af, IEEE802.3at) · Supports plug-and-play without setting up special IP addresses · Supports data transfer up to 500m	· Up to 30W of PoE power feeding on two pairs · Compatible with IEEE 802.3af, IEEE 802.3at · 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	· Up to 75W of PoE Power · Compatible with IEEE 802.3af, IEEE 802.3at · 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	· Compatible with IEEE 802.3af · Supports data transfer up to 130m distance · A maximum distance of 230m can be achieved between the NVR and Camera via a DA-PR1101 · Supports PoE switch off function via PoE On / Off switch · Supports plug-and-play without setting up special IP addresses

	DirectIP Gigabit PoE Switch				
	DH-2010P	DH-2018P	DH-2212PF	DH-2328PF	DH-2026PF
Model Name					
Key Features	· Individual port for data transmission to DirectIP NVR · PoE (IEEE 802.3af, IEEE 802.3at) compliant · Maximum per-device PoE delivery of 70W available for 1 to 8 RJ45 ports · Central power control for greater network utility · Supports 8+2 RJ45 ports	· Individual port data transmission to DirectIP NVR · PoE (IEEE 802.3af, IEEE 802.3at) compliant · Maximum per-device PoE delivery of 140W available for 1 to 16 RJ45 ports · Central power control for greater network utility · Supports 16+2 RJ45 ports	· Individual port for data transmission to DirectIP NVR · PoE (IEEE 802.3af, IEEE 802.3at) compliant · Maximum per-device PoE delivery of 140W available for 1 to 8 RJ45 ports · Central power control for greater network utility · Supports 8+2 RJ45 ports and 2 SFP slots	· Individual port data transmission to DirectIP NVR · PoE (IEEE 802.3af, IEEE 802.3at) compliant · Maximum per-device PoE delivery of 380W available for 1 to 24 RJ45 ports · Central power control for greater network utility · Supports 24 RJ45 ports and 4 SFP slots	· Individual port data transmission to DirectIP NVR · PoE (IEEE 802.3af, IEEE 802.3at) 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

NETWORK ACCESSORIES

SFP Transceiver

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

4 Bay eSATA Storage

Model Name	DA-ES1104	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), TR-4316(R)	DR-2304P(-A), DR-2308P(-A), DR-2316P(-A) DR-4308P, DR-4316PS DR-6308P-(S)A, DR-6316PS-(S)A, DR-6332PS-(S)A DR-2404P(-A) DR-6508P, DR-6516P, DR-6532P TR-4408(R), TR-4416(R)	Up to 6TB: IR-100 Up to 10TB: DR-8364(F)(D)	IR-300A
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)	480mm x 44mm x 346mm (18.9" x 1.7" x 13.6")			
Weight	6.4kg (14.11lb)			
Operation Temperature	0°C ~ 45°C (32°F ~ 113°F)			
Power Input	100V ~ 240VAC, 0.6-0.3A, 50/60Hz			
Power Consumption	100-240V~, 50/60Hz, 0.6-0.3A, 40W			
Approvals	FCC, CE			

Encoder

Model Name	DE-1104, DE-1108
Video Compression	H.264 (MP), M-JPEG
Video Input	4 BNC Composite (DE-1104) 8 BNC Composite (DE-1108)
Max. Video Resolution	D1: 720 x 480 / 720 x 576 (NTSC / PAL) 960H: 960 x 480 / 960 x 576(NTSC / PAL)
Frame Rate	30ips @ 960H per Channel
Multi Streaming Video	Quadruple Stream
Max. Network Throughput	48Mbps (DE-1104), 64Mbps (DE-1108)
Audio In / Out	4 RCA / -
PTZ Support	Yes (RS485)
Trigger Events	Motion Detection Video Loss Tampering
PoE (Class)	Yes (IEEE 802.3af Class 3)
Power Source	12VDC, PoE
Power Consumption	12V =, 1.0A, 12W PoE, IEEE 802.3af (Class 3)
Approvals	FCC, CE

HDMI/VGA Video Encoder

Model Name	HE-1101
Video codec	H.265, H.264, MJPEG, Intelligent Codec
Max. Framerate	1920 x 1080 @ 30ips
Bitrate	Up to 12MP
Max Resolution	1920 x 1080
Streaming	Quadruple Streaming
Max.Network Throughput	30Mbps
Built-in OSD	English, Korean
Input	1 x HDMI, 1 x VGA
Output	1 x HDMI (Input Bypass) 1 x VGA (Input Bypass)
Network interface	1 x RJ45 (10/100)
IP Camera Protocol	DirectIP, IDIS Protocol, ONVIF
Power source	12VDC, PoE (IEEE 802.3af Class 2)
Power Consumption	12V=, 0.46A, 5.52W PoE, IEEE 802.3af(Class 2)
Approvals	FCC, CE, KC

Decoder

Model Name	DD-1216
Video Compression	H.265, H.264
Video Input	16ch IP
Video Input Resolution	Up to 12MP
Supported Devices	DirectIP NVR, 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)
Diplay Speed	Up to 480ips
Max. Network Throughput	90Mbps
Newtork Connection	Gigabit Ethernet x 1
PoE (Class)	Yes (IEEE 802.3af Class 3)
Power Source	12VDC, PoE
Power Consumption	12V =, 1.03A, 12.7W PoE, IEEE 802.3af (Class 3)
Approvals	FCC, CE, KC

Alarm Box

Model Name	AL-1112
Alarm Input	8 Digital-Input -Dry contact, Wet contact High: Open or DC 5V ~ DC 30V Low: Short or DC 0V ~ DC 1.8V
Alarm Output	4 Relay-out NC, NO, COMMON
Power Output	12VDC (300mA), 5VDC (400mA)
Ethernet	10/100Mbps
DirectIP Supported	Yes
USB	Yes (Spare)
PoE(class)	Yes (IEEE 802.3at Class 4)
Power source	12VDC, 24VAC, PoE
Power Consumption	12V=, 2.19A, 26.3W 24V~, 1.57A, 22.9W, 50/60Hz PoE, IEEE 802.3at(Class 4), 23W
Approvals	FCC, CE, KC

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NETWORK SOFTWARE

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 centralized 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 centralized 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 department operators.

Streaming
The IDIS Solution Suite Streaming service module allows up to 64 remote users to access the 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 utilize a centralized storage solution with a much bigger size, such as sass 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.

Redundant
The IDIS Solution Suite Redundant recording module allows users to provide a tandem recording. Users can create redundant videos 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.

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 minimizing network traffic during your peak hours of operation. Further, the IDIS Solution Suite Backup service provides two additional options to maximize the data retention period of your offline backup storage; summary backup and event video only backup mode.

Video Wall
With the IDIS Solution Suite Video Wall service, you can access any camera from DirectIP NVRs, DirectCX TVRs, or DirectIP cameras recorded on the IDIS Solution Suite Recording server in a unified way using the network keyboard, NK-1100. Plus, you can furnish up to 384 monitors with the Video Wall service module.

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 centralized 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.

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.
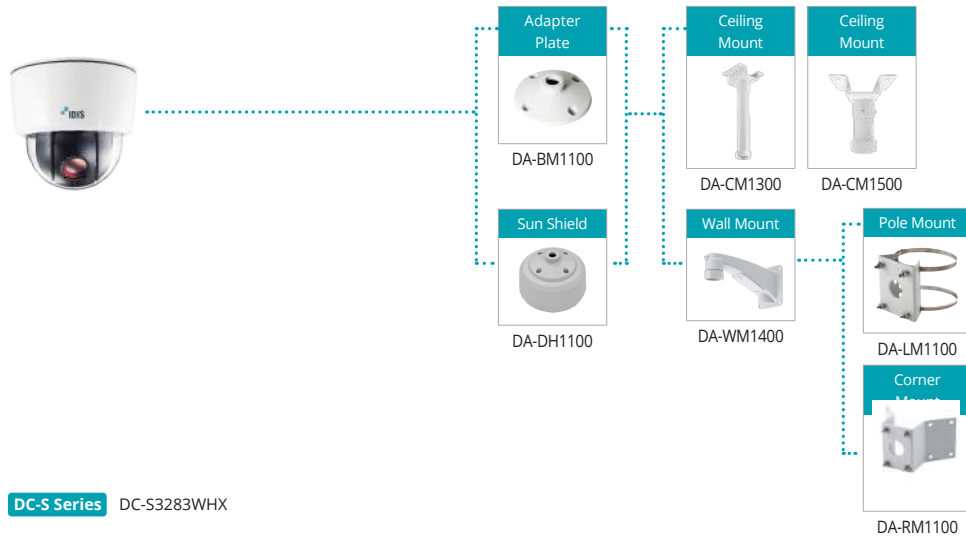
IDIS WEB

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.
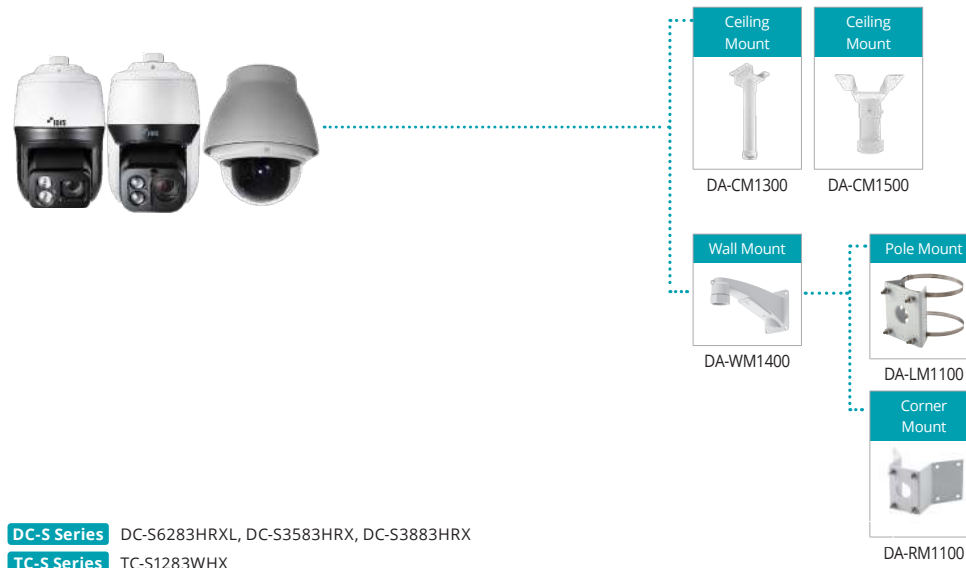
CAMERA
CONFIGURATION TREE

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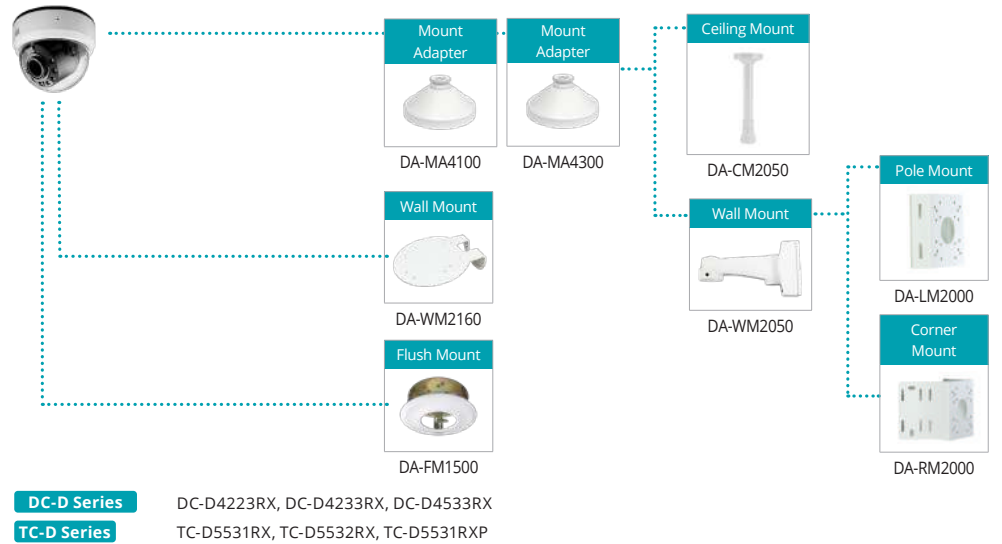· Ceiling Mount · Pole Mount · Corner Mount

One Solution. One Company.
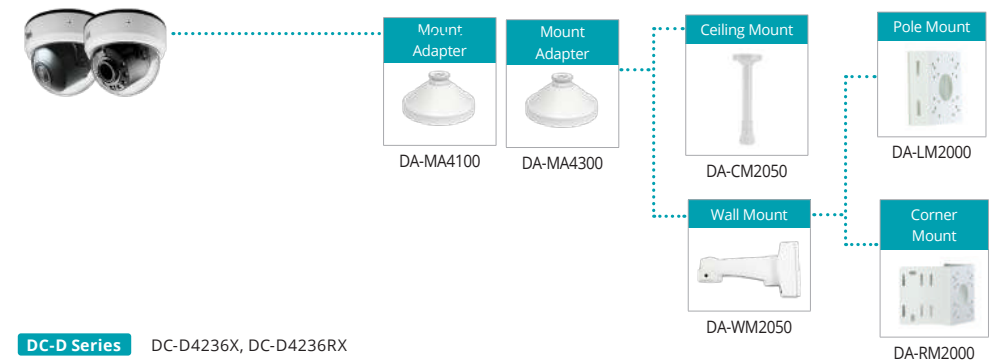
SPEED DOME (1)

Adapter Plate	Ceiling Mount	Ceiling Mount
DA-BM1100	DA-CM1300	DA-CM1500

Sun Shield	Wall Mount	Pole Mount
DA-DH1100	DA-WM1400	DA-LM1100

Corner Mount

DA-RM1100

DC-S Series DC-S3283WHX

SPEED DOME (2)

Ceiling Mount	Ceiling Mount
DA-CM1300	DA-CM1500

Wall Mount	Pole Mount
DA-WM1400	DA-LM1100

Corner Mount

DA-RM1100

DC-S Series DC-S6283HRXL, DC-S3583HRX, DC-S3883HRX
TC-S Series TC-S1283WHX

DOME (1)

Wall Mount

DA-WM2160

DC-D Series DC-D3212RX-N, DC-D4212R
TC-D Series TC-D4211RX

DOME (2)

Mount Adapter	Mount Adapter	Ceiling Mount
DA-MA4100	DA-MA4300	DA-CM2050

Wall Mount	Wall Mount	Pole Mount
DA-WM2160	DA-WM2050	DA-LM2000

Flush Mount		Corner Mount
DA-FM1500		DA-RM2000

DC-D Series DC-D4223RX, DC-D4233RX, DC-D4533RX
TC-D Series TC-D5531RX, TC-D5532RX, TC-D5531RXP

DOME (2-1)

Mount Adapter	Mount Adapter	Ceiling Mount	Pole Mount
DA-MA4100	DA-MA4300	DA-CM2050	DA-LM2000

		Wall Mount	Corner Mount
		DA-WM2050	DA-RM2000

DC-D Series DC-D4236X, DC-D4236RX

DOME (3)

Wall Mount
DA-WM2160

Flush Mount
DA-FM1500

TC-D Series   TC-D4222RX, TC-D4221RXP

DOME (4)

Wall Mount
DA-WM2160
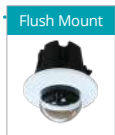
Flush Mount
DA-FM4100

DC-D Series   DC-D4213RX, DC-D4216X, DC-D4216RX, DC-D4513RX

TC-D Series   TC-D5511RX

DOME (5)

Wall Mount
DA-WM4100

DC-D Series   DC-C4212RX

DOME (6)

Mount Adapter
DA-MA4100

Mount Adapter
DA-MA4300

Ceiling Mount
DA-CM2050

Wall Mount
DA-WM2050

Pole Mount
DA-LM2000

Corner Mount
DA-RM2000

Junction Box
DA-JB4600

Junction Box
DA-JB4700

DC-D Series   DC-D4213WRX, DC-D4216WRX, DC-D4513WRX, DC-D4811WRX

DOME (7)

Mount Adapter
DA-MA4100

Mount Adapter
DA-MA4200

Ceiling Mount
DA-CM2050

Flush Mount
DA-FM1500

Wall Mount
DA-WM2050

Pole Mount
DA-LM2000

Junction Box
DA-JB4600
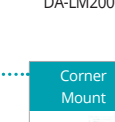
Corner Mount
DA-RM2000

TC-D Series   TC-D4222WRX, TC-D4221WRXP

DOME (8)

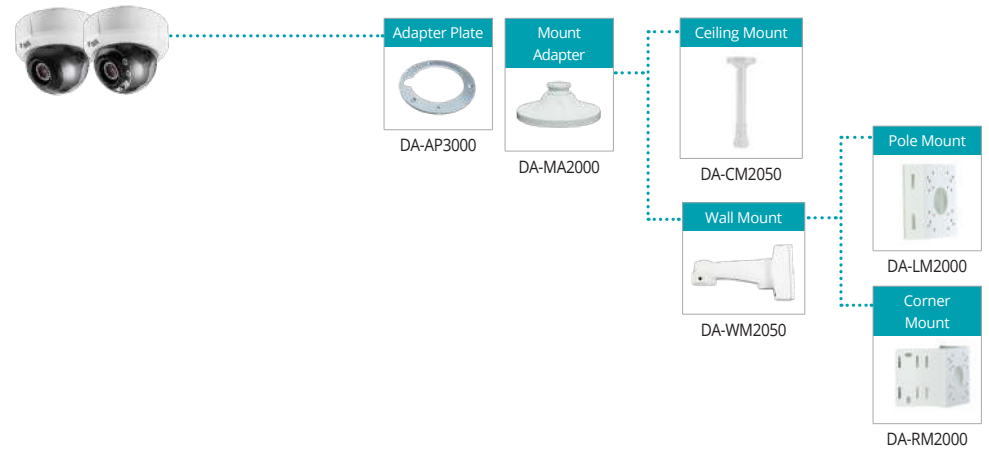|	
Mount Adapter	DA-MA2100
Junction Box	DA-JB2200
Flush Mount	DA-FM1500
Ceiling Mount	DA-CM2050
Wall Mount	DA-WM2050
Pole Mount	DA-LM2000
Corner Mount	DA-RM2000
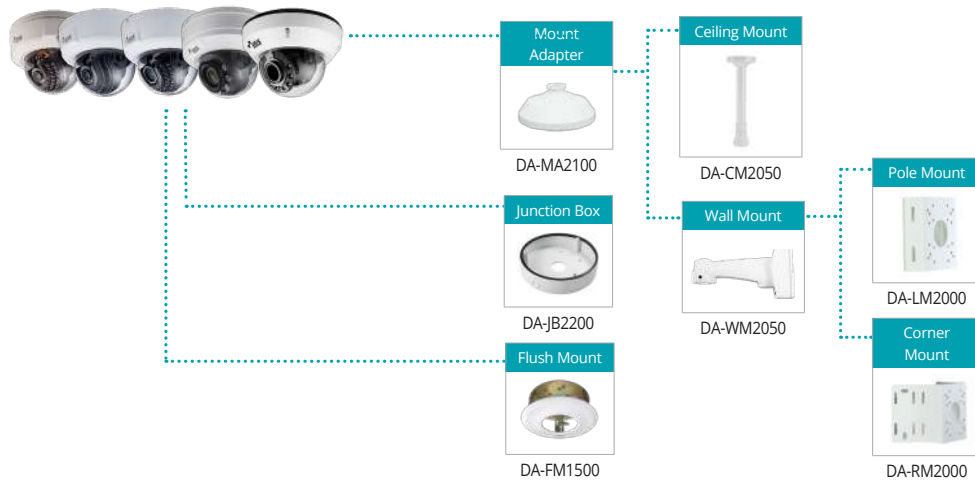
DC-D Series DC-D3233X , DC-D3233RX , DC-D3233WRX, DC-D4831HRX, DC-D4533HRX, DC-D4236HRX
DC-D4233HRX, DC-D4236WRX, DC-D4233WRX, DC-D4223WRX

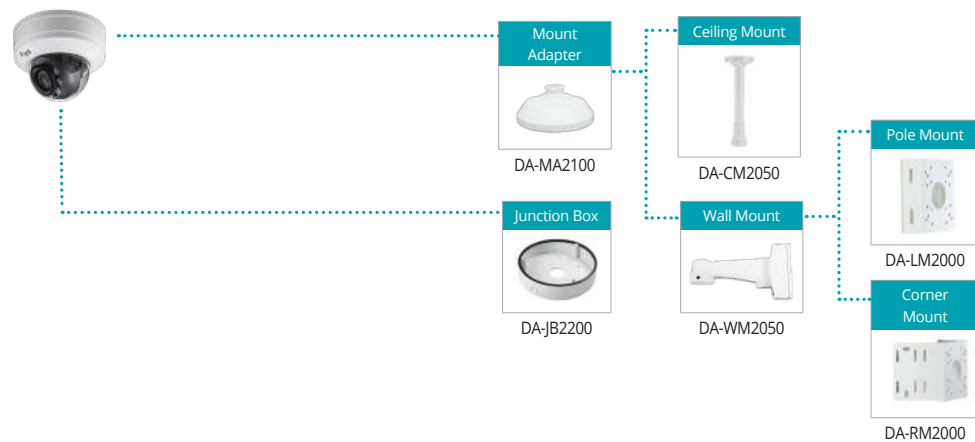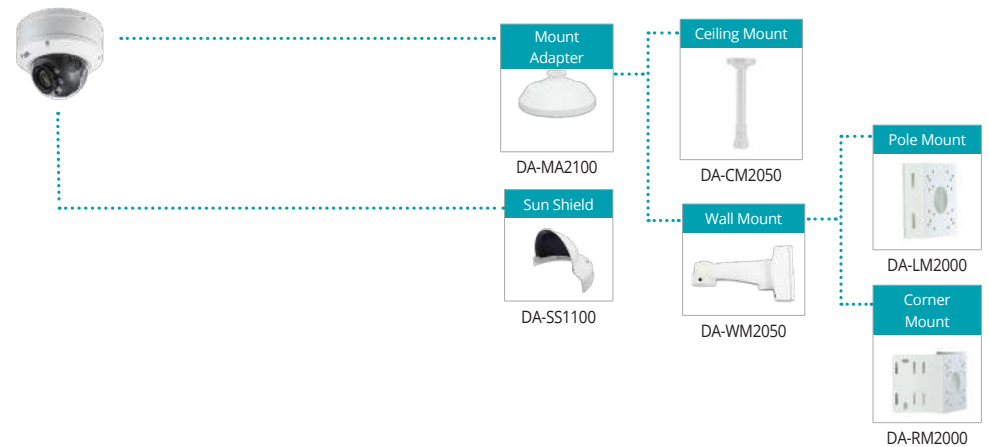**TC-D Series** TC-D5532WRX, TC-D5531WRX, TC-D5531WRXP

DOME (8-1)

Mount Adapter	DA-MA2100
Junction Box	DA-JB2200
Ceiling Mount	DA-CM2050
Wall Mount	DA-WM2050
Pole Mount	DA-LM2000
Corner Mount	DA-RM2000

DC-D Series DC-D3533RX

DOME (9)

Adapter Plate	DA-AP3000
Mount Adapter	DA-MA2000
Ceiling Mount	DA-CM2050
Wall Mount	DA-WM2050
Pole Mount	DA-LM2000
Corner Mount	DA-RM2000

DC-D Series DC-D3233X-N, DC-D3233RX-N, DC-D6233X, DC-D6233RX

DOME (10)

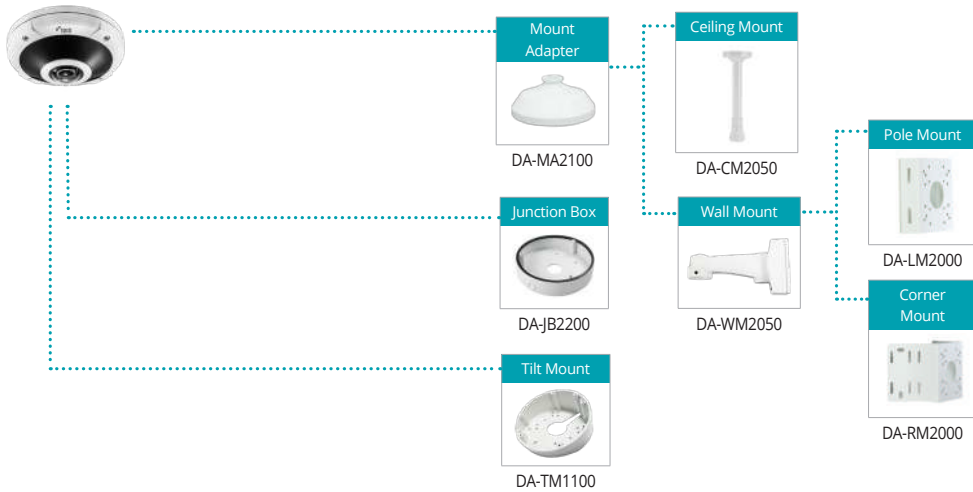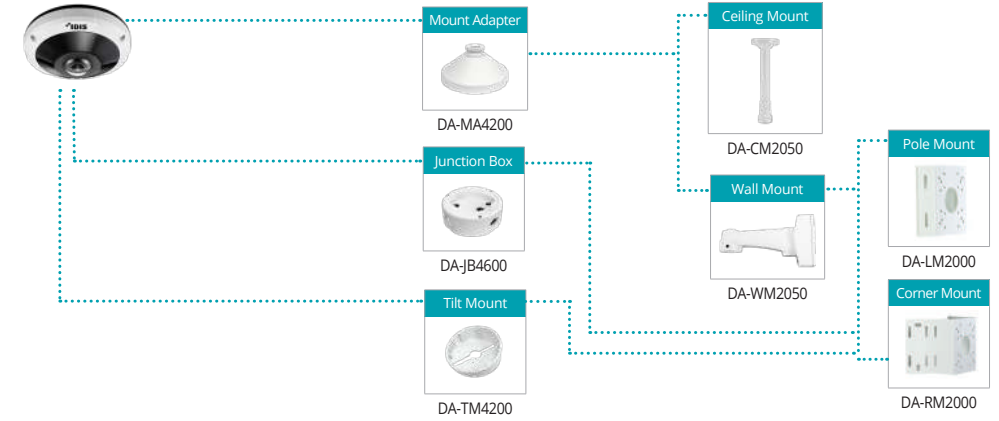|	
Mount Adapter	DA-MA2100
Sun Shield	DA-SS1100
Ceiling Mount	DA-CM2050
Wall Mount	DA-WM2050
Pole Mount	DA-LM2000
Corner Mount	DA-RM2000

DC-D Series DC-D3C33HRX, DC-D3533HRX
DC-D3233HRXL, DC-D3243HRX-N, DC-D3233HRX-N
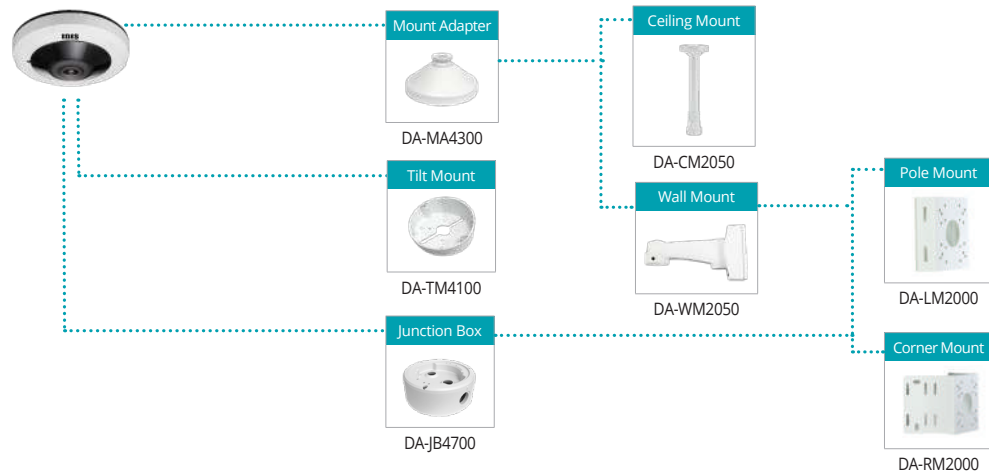DC-D6233HRXL, DC-D6243HRX, DC-D6233HRX

FISHEYE (1)

Mount Adapter
DA-MA2100

Ceiling Mount
DA-CM2050

Junction Box
DA-JB2200

Wall Mount
DA-WM2050

Pole Mount
DA-LM2000

Corner Mount
DA-RM2000

Tilt Mount
DA-TM1100

DC-Y Series DC-Y3C14WRX, DC-Y8C13WRX, DC-Y8C13RX

FISHEYE (3)

Mount Adapter
DA-MA4200

Ceiling Mount
DA-CM2050

Junction Box
DA-JB4600

Wall Mount
DA-WM2050

Pole Mount
DA-LM2000

Corner Mount
DA-RM2000

Tilt Mount
DA-TM4200

DC-Y Series DC-Y6513WRX, DC-Y6516WRX, DC-Y6C16WRX

FISHEYE (2)

Mount Adapter
DA-MA4300

Ceiling Mount
DA-CM2050

Tilt Mount
DA-TM4100

Wall Mount
DA-WM2050

Pole Mount
DA-LM2000

Junction Box
DA-JB4700

Corner Mount
DA-RM2000

DC-Y Series DC-Y6513RX

BULLET (1)

Junction Box
DA-JB2000

Pole Mount
DA-LM2000

Junction Box
DA-JB2300

Corner Mount
DA-RM2000

DC-T Series DC-T3233HRX, DC-T3243HRX, DC-T3234HRX, DC-T3233HRXL, DC-T3533HRX, DC-T6233HRX, DC-T6234HRX, DC-T6233HRXL, DC-T6243HRX
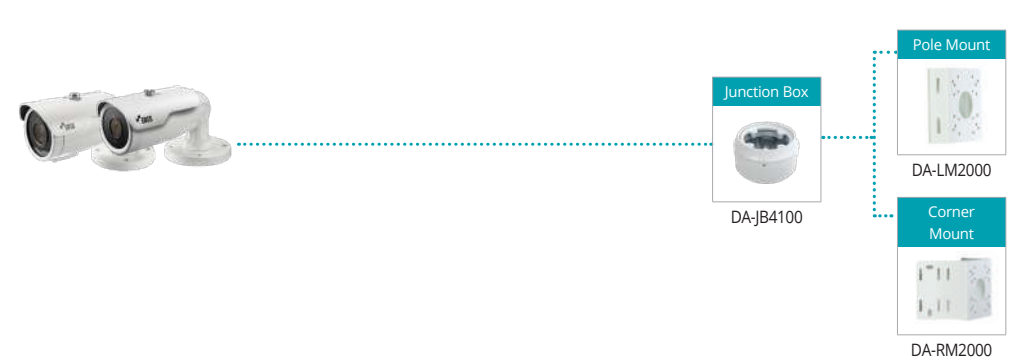
BULLET (2)

Pole Mount
DA-LM2000

Corner Mount
DA-RM2000
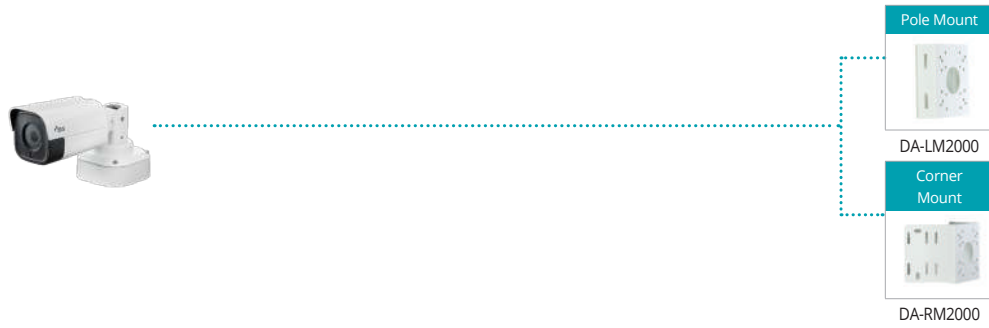
DC-T Series   DC-T3C33HRX

BULLET (4)

Junction Box
DA-JB4100

Pole Mount
DA-LM2000

Corner Mount
DA-RM2000

TC-T Series   TC-T4222WRX, TC-T4221WRXP
TC-E Series   TC-E4211WRX

BULLET (3)

Junction Box
DA-JB4100

Pole Mount
DA-LM2000

Junction Box
DA-JB2300

Corner Mount
DA-RM2000

DC-E Series   DC-E4513WRX, DC-E4216WRX, DC-E4213WRX
DC-T Series   DC-T4831HRX, DC-T4811WRX, DC-T4533HRX, DC-T4236HRX, DC-T4236WRX, DC-T4233HRX, DC-T4236WRX,
DC-T4233WRX
TC-T Series   TC-T5532WRX, TC-T5531WRX, TC-T5531WRXP

BOX / ZOOM

Box Housing
DA-BH1100

Wall Mount
DA-WM1500
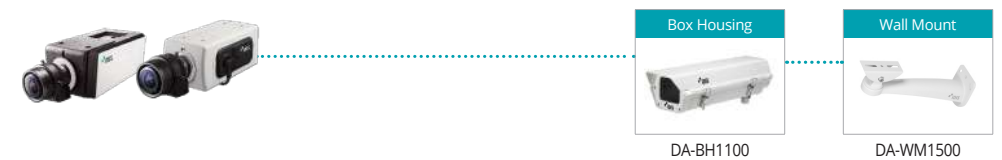
DC-B Series   DC-B3303X, DC-B6203XL
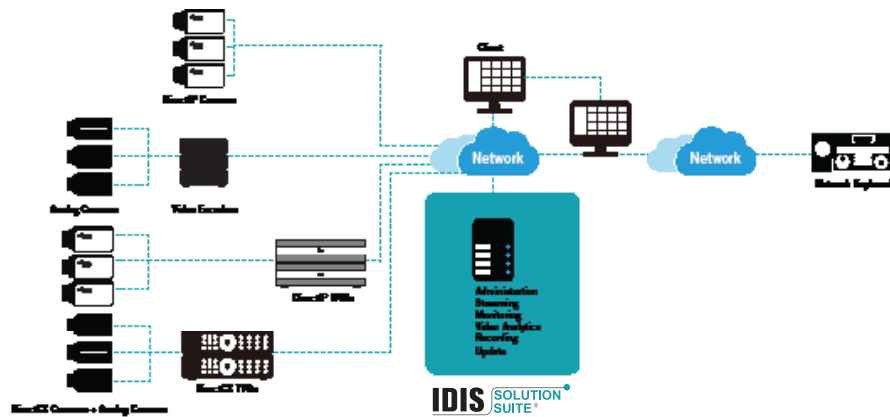**TC-B Series**   TC-B5502X, TC-B5501X, TC-B5501XP, TC-B4202X, TC-B4201XP
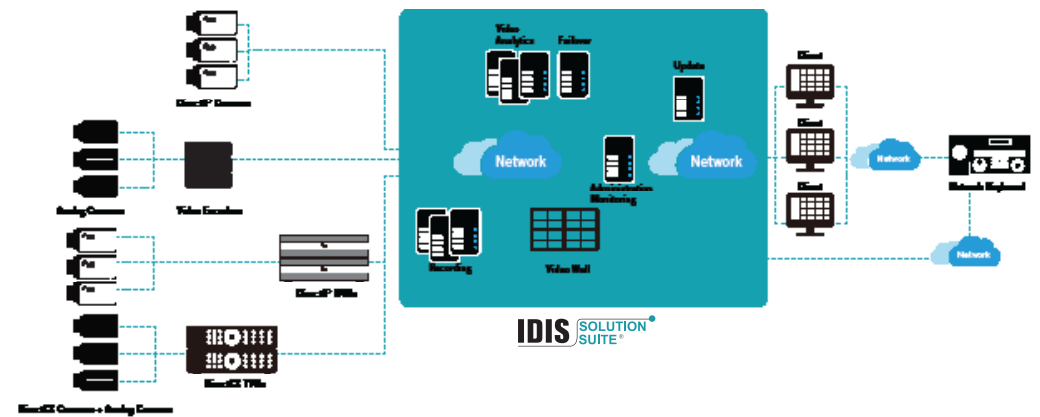
APPLICATIONS

APPLICATIONS

Small Business Installation

· Easy to install
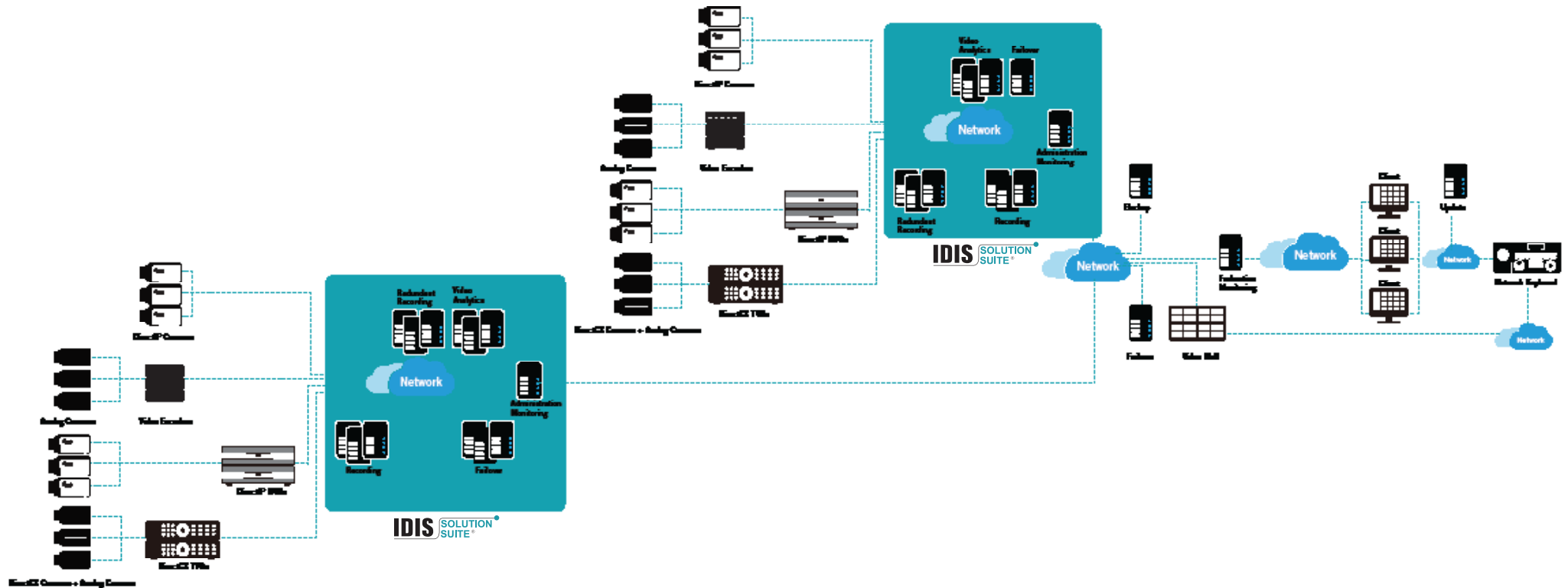· HD surveillance
· Affordable video solution

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

2021
PRODUCT
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