IDIS®
One Solution.
One Company.

2018
PRODUCT **LINEUP** BROCHURE

www.idisglobal.com

Total
Video
Surveillance

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

ABOUT IDIS

One Solution. One Company.

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 unrivalled 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 eight 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 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.

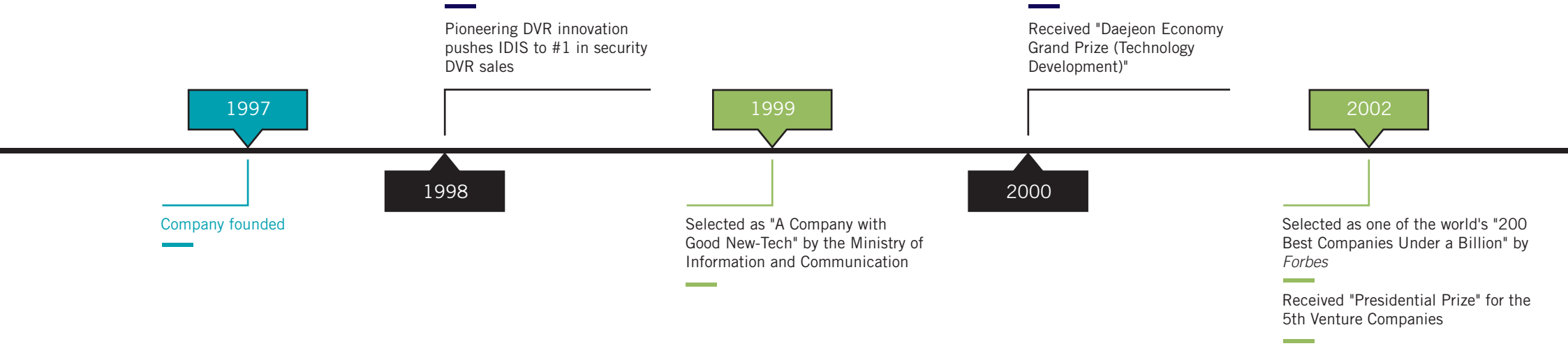
Reliability

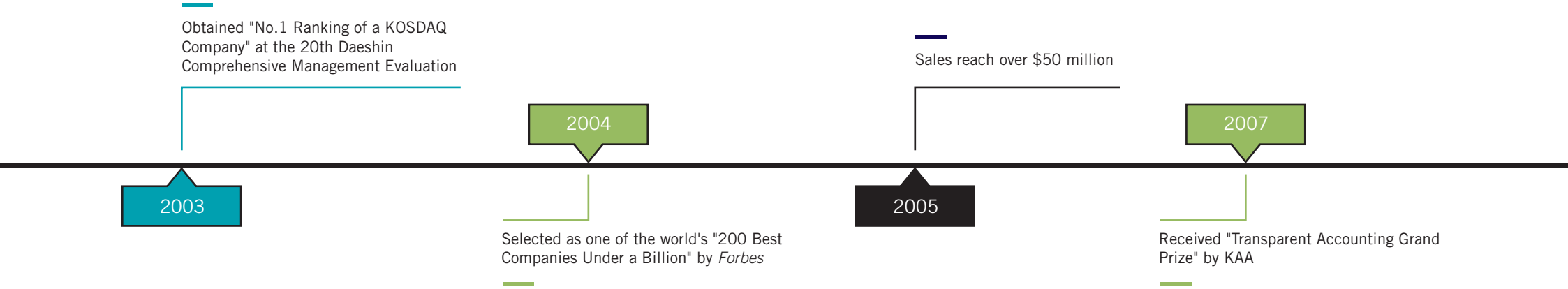
Reliability goes beyond the high quality products and solutions we proudly deliver each day. For IDIS, reliability means doing what we say we will do, when we say we will do it. From strictly adhering to global and local regulations to our certifications such as ISO14001, ISO900, ROHS, and Six Sigma, 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

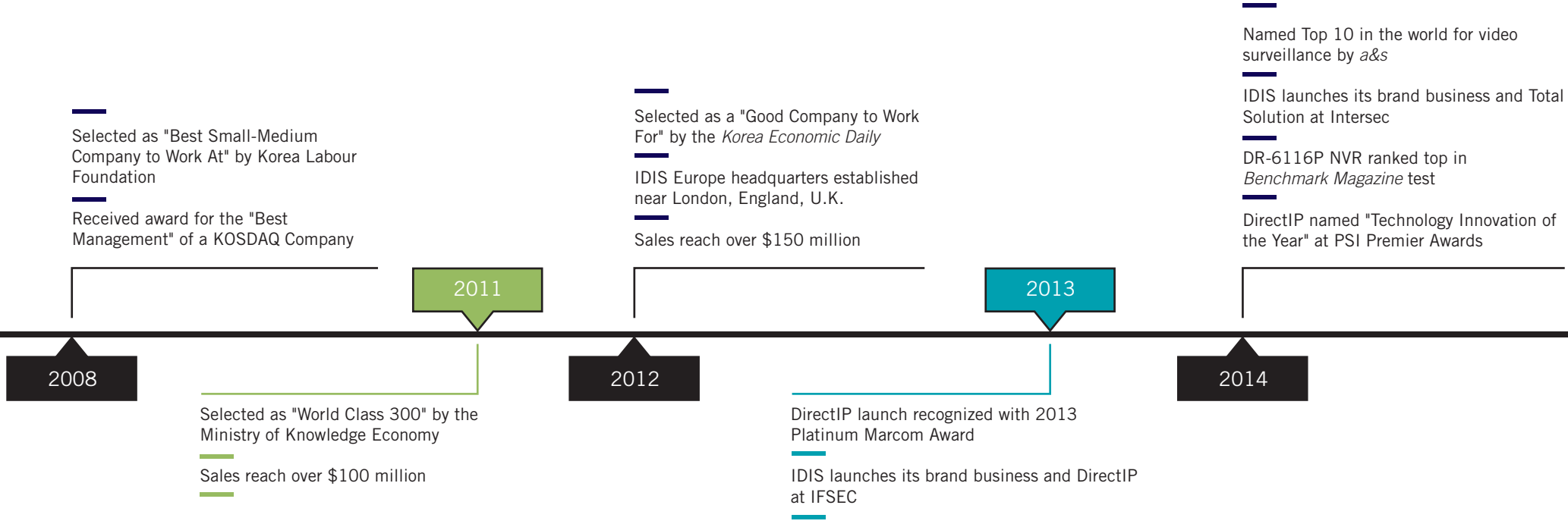
Our integrity means you can trust us and the technology we provide. We ensure we comply with the legal and regulatory requirements at both global and local levels and seek to be transparent at all times in the way we do business. We believe in open and candid communications with our customers and partners 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




Obtained "No.1 Ranking of a KOSDAQ Company" at the 20th Daeshin Comprehensive Management Evaluation
2003
2004
Selected as one of the world's "200 Best Companies Under a Billion" by *Forbes*
Sales reach over $50 million
2005
2007
Received "Transparent Accounting Grand Prize" by KAA

IDIS MILESTONES



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

2017

IDIS celebrates its 20th anniversary

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

2018

IR PTZ Camera awarded by the iF Design Awards

IR PTZ Camera awarded by the Red Dot Design Awards

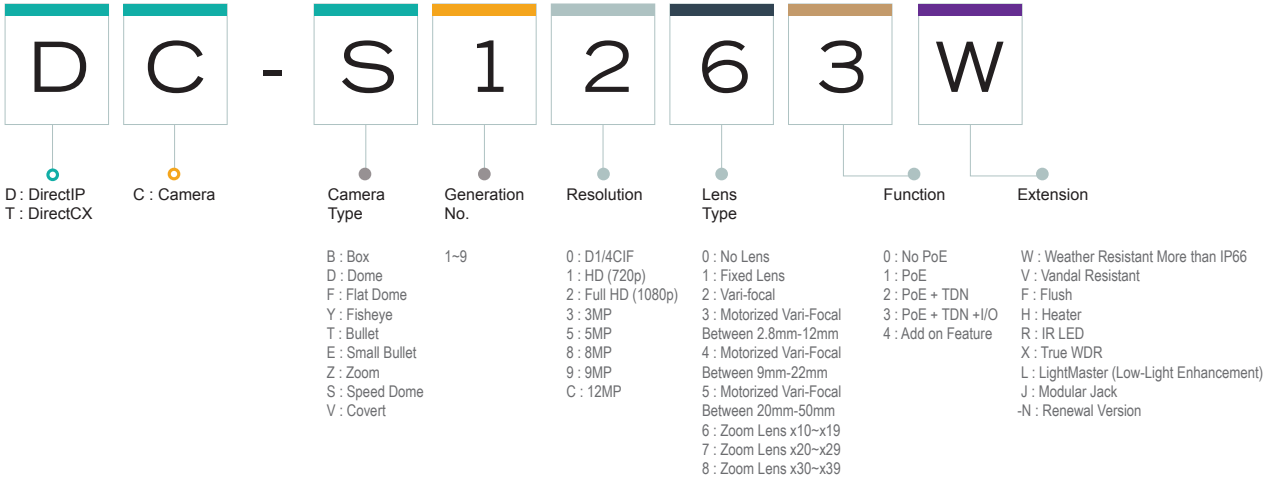
IDIS Critical Failover, HE-1101, IDIS SUPER FISHEYE 12M ranked as a finalist in the PSI Premier Awards

HE-1101 ranked as a finalist in the *Benchmark Magazine* Innovation Awards

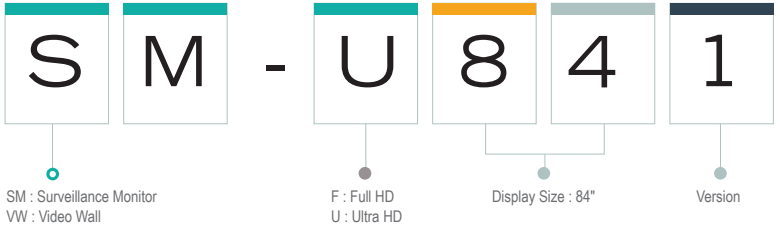
NAMING STRUCTURE

Network Video Recorders

Network Cameras



Displays



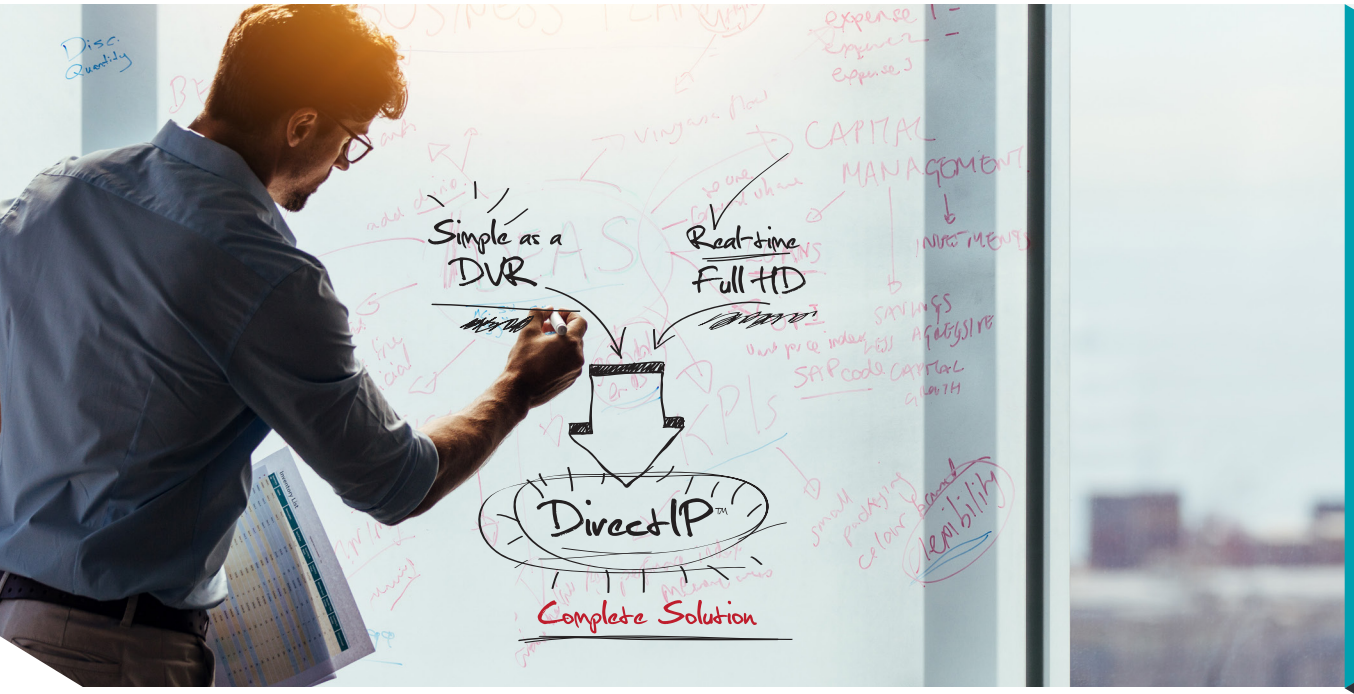
DirectIP®

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.

Direct IP®

ONVIF



A True End-to-End
IP Video Surveillance Solution Platform

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

Unprecedented Scalability for Any Surveillance Need

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

Reduced Maintenance Requirements Mean Lowered Costs

The IDIS end-to-end system eliminates worry over future backwards 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 compatible technology
High performance and reliable solutions for every need
Simple legacy migration and off-the-shelf integration

DR-1 SERIES

Model Name	DR-1204P	DR-1304PC (NEW)	DR-1304P (NEW)	DR-1308P (NEW)
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, IDIS, 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		
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, Motion		
STORAGE				
HDD	SATA x 1 (Up to 6TB Capacity for Each Disk)	SATA x1, (Up to 2TB Capacity, 2.5")	SATA x1, (Up to 6TB Capacity, 3.5")	SATA x1, (Up to 6TB Capacity, 3.5")
Total Capacity	6TB = 6TB x 1	2TB = 2TB 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 Web, IDIS Solution Suite		
INTERFACE				
Audio In / Out	Local (NVR) : - / 1 HDMI IP Camera : 4 / 4 (Depending on IP Camera)	No	No	No
Alarm In / Out	Local(NVR) : - / - IP Camera : 4 / 4 (Depending on IP Camera)	No	No	No
Alarm Reset In	-	-	-	-
Serial Interface	-	No	No	No
USB	USB 2.0 x 2	USB 2.0		
GENERAL				
Operating System	Embedded Linux	Embedded Linux		
Unit 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	USB 2.0 x 2NVR Adaptor (Input : 100-240V~, 50/60Hz, 1.2A, Output : 48V , 1.0A) - T.B.D	NVR Adaptor (Input : 100-240V~, 50/60Hz, 1.2A, Output : 48V , 1.0A) - T.B.D	NVR Adaptor (Input : 100-240V~, 50/60Hz, 1.2A, Output : 48V , 1.0A) - T.B.D	NVR Adaptor (Input : 100-240V~, 50/60Hz, 2A, Output : 56V , 1.28A) - T.B.D
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: 56V , 1.1A, Max. 61.6W PSE : Max. 50W
Approvals	FCC, CE, KC	KC, FCC		

DR-2 SERIES

Model Name	DR-2304P	DR-2404P	DR-2308P	DR-2316P
VIDEO				
Video Inputs	4 IP Channels	4 IP channels	8 IP Channels	16 IP Channels
Max. Incoming Throughput	160Mbps	160Mbps	270Mbps	320Mbps
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF			
Video Outputs	1 HDMI, 1 VGA			
Display Resolution	3840 x 2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200			
Display Speed	Up to 120ips	Up to 120ips	Up to 240ips	Up to 480ips
RECORDING				
Max. Throughput	70Mbps, 120ips @ UHD	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	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 x 2, eSATA x 1 (Up to 8TB Capacity for Each Disk)	SATA x 2, eSATA x 1 (Up to 8TB Capacity for Each Disk) RAID 1 Supported	SATA x 2, eSATA x 1 (Up to 8TB Capacity for Each Disk)	SATA x 2, eSATA x 1 (Up to 8TB Capacity for Each Disk)
Total Capacity	48TB = 8TB x (2 + 1 x 4)			
NETWORK				
Client Connection	Gigabit Ethernet (Client) x 1			
Video In Connection	Fast Ethernet (IP Camera) x 4	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 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) : - / 1 RCA + 1 HDMI IP Camera : 4 / 4 (Depending on IP Camera)	Local (NVR) : - / 1 RCA + 1 HDMI IP Camera : 4 / 4 (Depending on IP Camera)	Local (NVR) : - / 1 RCA + 1 HDMI IP Camera : 8 / 8 (Depending on IP Camera)	Local (NVR) : - / 1 RCA + 1 HDMI IP Camera : 16 / 16 (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 : 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 231 mm (11.8" x 2.4" x 9.1")			
Unit Weight	2.2kg (4.9lb) (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 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=, 0.65A, 31.2W MAX	Max. 21.12W (for NVR), Max. 52.8W (for PSE)	Max. 21.12W (for NVR), Max. 52.8W (for PSE)
Approvals	FCC, CE, KC			

DR-6 SERIES

Model Name	DR-6308P(-S)	DR-6316PS(-S)	DR-6332PS(-S)
	(-S)		
VIDEO			
Video Inputs	8 IP Channels	16 IP Channels	32 IP Channels
Max. Incoming Throughput	270Mbps	320Mbps	370Mbps
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF		
Video Outputs	1 HDMI, 1 VGA		
Display Resolution	3840 x 2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200		
Display Speed	Up to 240ips	Up to 480ips	Up to 960ips
RECORDING			
Max. Throughput	140Mbps, 240ips @ UHD	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	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 x 6, eSATA x 4 (Up to 8TB Capacity for Each Disk) RAID 1 Supported		
Total Capacity	176TB = 8TB x (6 (Internal) + 4 x 4 (External))		
NETWORK			
Client Connection	Gigabit Ethernet (Client) x 1		
Video In Connection	Gigabit Ethernet (IP Camera) x 8 + Gigabit Ethernet (Ext) x 1	Gigabit Ethernet (IP Camera) x 16 + Gigabit Ethernet (Ext) x 1	Gigabit Ethernet (IP Camera) x 16 + Gigabit Ethernet (Ext) x 1
Transmission Speed	50Mbps / 100Mbps (BRP Mode)		
Camera Power	PoE(IEEE 802.3at Class 4) Supported 8 Ports, 120W	PoE(IEEE 802.3at Class 4) Supported 16 Ports, 120W	
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 : 8 / 8 (Depending on IP Camera)	Local (NVR) : 1 RCA / 1 RCA + 1 HDMI IP Camera : 16 / 16 (Depending on IP Camera)	Local (NVR) : 1 RCA / 1 RCA + 1 HDMI IP Camera : 32 / 32 (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 : 16 / 16 (Depending on IP Camera)	Local (NVR) : 4 / 1 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 1, USB 3.0 x 1		
GENERAL			
Operating System	Embedded Linux		
Unit Dimensions (W x H x D)	430mm x 88mm x 410.8mm (16.9" x 3.5" x 16.2")		
Unit Weight	6.0kg (13.2lb) (with 1 HDD)		
Power Input	AC 100-240V, 50/60Hz, 3.0 - 1.5A		
Power Consumption	100-240V~, 50/60Hz, 3.0-1.5A, 200W		
Approvals	FCC, UL, CE, CB, KC, PSE		

DR-8 SERIES

Model Name	DR-8364(F)	DR-8364(F)D
VIDEO		
Video Inputs	64 IP Channels	
Max. Incoming Throughput	900Mbps	
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF	
Video Outputs	1 HDMI, 1 VGA	
Display Resolution	3840 x 2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200	
Display Speed	Up to 1920ips	
RECORDING		
Max. Throughput	400Mbps, 1920ips @ Full HD, 240ips @ 4K (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 (Up to 6TB Capacity for Each Disk), RAID 1, 5, 10 supported	
Total Capacity	192TB=8TB x (8(Internal) + 4x4(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	
Unit 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)	12.3kg (21.12lb) (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	

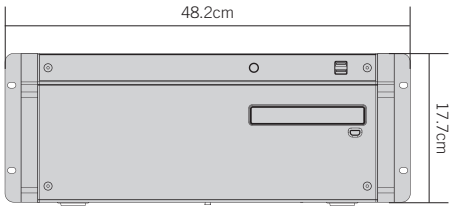
* Establish NVR Failover system with standby DR-8364F(D).

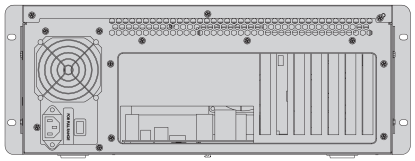
DR-8 SERIES

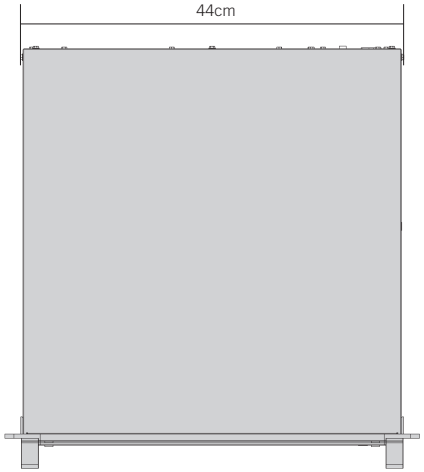
Model Name	DR-8416	DR-8432	DR-8432D
VIDEO			
Video Inputs	16 IP Channels	32 IP Channels	32 IP Channels
Max. Incoming Throughput	320Mbps	370Mbps	370Mbps
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF		
Video Outputs	1 HDMI, 1 VGA		
Display Resolution	3840 x 2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200		
Display Speed	Up to 480ips	Up to 960ips	Up to 960ips
RECORDING			
Max. Throughput	180Mbps, 480ips @ UHD	230Mbps, 960ips @ 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 x 8, eSATA x 4, (Up to 6TB Capacity for Each Disk), RAID 1, 5, 6, 10 supported		
Total Capacity	144TB=6TB 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	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)	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)	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		
Unit Dimensions (W x H x D)	482.6mm x 88mm x 523.3mm (19" x 3.5" x 20.6")		
nit Weight	10.9kg (24.03lb) (with 2 HDDs)		
Power Input	AC 100-240V, 50 / 60Hz, 6.0 - 3.0A	AC 100-240V, 50 / 60Hz, 6.0 - 3.0A	AC 100-240V, 50 / 60Hz, 8.0 - 4.0A
Power Consumption	100 - 240V~, 50 / 60Hz, 2.0 - 1.0A, 120W	100 - 240V~, 50 / 60Hz, 2.0 - 1.0A, 120W	100 - 240V~, 50 / 60Hz, 2.0 - 1.0A, 120W
Approvals	FCC, UL, CE, CB, KC, PSE		

IDIS Enterprise NVR - **IR-100**

DIMENSIONS







The IDIS Enterprise network video recorder (NVR) is designed with a perfect balance of performance, expandability, reliability, and manageability to provide an industry-leading, world-class security solution. It is built using best-in-class components that provide flexibility and scalability that are needed to design a video system suited for a variety of end-user applications. Pre-installed IDIS Solution Suite video management software (VMS) provides greater control of situations through the monitoring of multiple cameras and enhanced operational flexibility by centralized management, together with cost effective recording and integration capabilities.

- Pre-installed with IDIS Solution Suite VMS
- Tested and validated with IDIS Solution Suite up to 32 Full HD H.264 / 265 IP cameras
- Storage configuration: 5 SATA + 1 eSATA Ports
- Supports up to 32 Full HD cameras in real-time for enterprise-level surveillance systems
- 352Mbps maximum recording bandwidth per server
- Complete compatibility with IDIS components : IP cameras, analog DVR, DirectCX TVR, DirectIP NVR, and encoders
- 4U rack mount chassis
- Supports H.264, H.265 compression, and Intelligent Codec
- Supports Onvif Profile S, Axis, Panasonic, etc.

SPECIFICATIONS

IR-100		
SYSTEM	IDIS Solution Suite	Compatible with Expert and Federation Version 2.6.0 or Higher
	Network Connection	2 GbE RJ-45 Ports (1000Base-T)
	Recording Data Rate	Up to 352Mbps
	Number of Cameras	32Ch Recommanded
	Hard Disk Drive Configuration	5 SATA + 1 eSATA
	SSD	-
	Operating System	Microsoft® Windows Embedded Standard 8
	Processor	Intel® I7-6700, 3.4GHz
	Memory	DDR4 PC-17000, 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)
	RS-232	1 (DB9)
	Optical Drive	1 DVD-RW
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	33.7 lbs (15.3kg)
ELECTRICAL	Power Input	AC 100-240 V, 50/60Hz, 2.0 - 1.0A
	Power Supply	Single Power
	Power Consumption	90W
ENVIRONMENTAL	Operating Temperature	5°C to 40°C (41°F to 104°F)
	Operating Humidity	0% to 90%
ACCESSORIES SUPPLIED	Power Cord	1
GENERAL	Approvals	FCC, CE, CB, UL

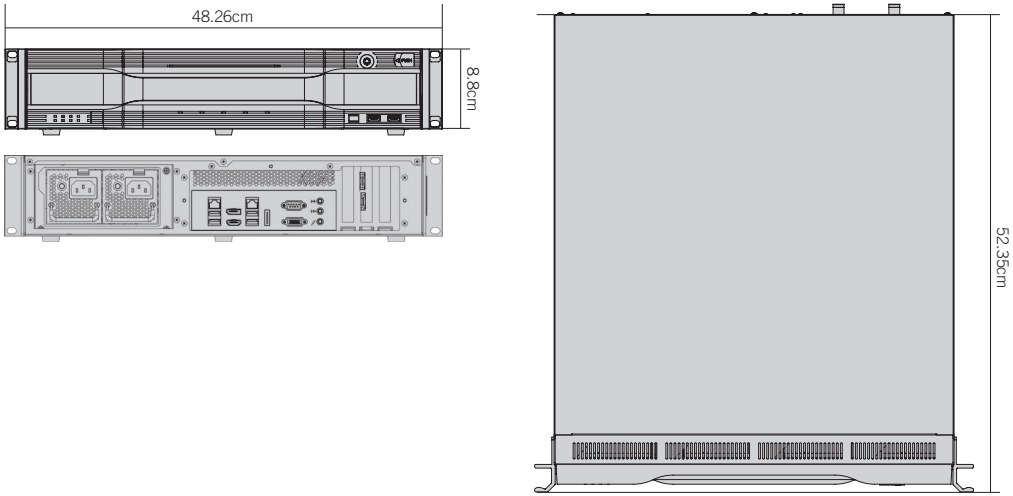
* The network connector is not designed to be connected directly with cable or wire intended for outdoor use.

IDIS Security Workstaion - **IR-300**

IDIS Security Workstation IR-300 enables to establish satisfying and quick surveillance system with high performance, reliability and manageability.
OS (Operating system) stably installed in SSD and IDIS Solution Suite VMS support wonderful operation up to large systems and ensure important data retention through RAID and Redundant Power. IR-300 is the perfect product to build powerful and economical surveillance system.

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

DIMENSIONS



SPECIFICATIONS

IR-300		
SYSTEM	IDIS Solution Suite	Compatible with Expert and Federation
	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	120G 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	10.5kg (23.2lbs)
ELECTRICAL	Power Input	AC 100-240V~, 50/60Hz, 6.0 - 3.0A (Redundant)
	Power Supply	Dual Power (Redundant SMPS)
	Power Consumption	160W
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, PSE

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.

BOX CAMERAS

Model Name	3MP	8MP
	DC-B3303X	DC-B1803
		4K ULTRA HD
Image Sensor	1/2.8" CMOS	1/2.3" CMOS
Max. Resolution	2048 x 1536	3840 x 2160
Lens Type	Optional (C/CS mount)	Optional (C/CS Mount)
Iris Control	P-iris / DC Auto Iris / Manual Iris	P-Iris / DC Auto Iris / Manual Iris
Min. Illumination	Color : 0.1 Lux @ F1.2 B/W : 0.01 Lux @ F1.2	Color : 0.4 Lux @ F1.6 B/W : 0.04 Lux @ F1.6
Dynamic Range	120 dB (True WDR)	More than 70dB
Day and Night	IR Cut Filter with Auto Switch	IR Cut Filter with Auto Switch
Image Stabilizer	Yes (DIS)	-
De-fog	Yes	-
Video Out	1 RCA	1 RCA
Video Compression	H.265, H.264 (MP), M-JPEG*	H.264 (MP), M-JPEG*
Intelligent Codec	Supported	Supported
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law
Max. Frame Rate	30ips : 2048 x 1536 (WDR)	60ips : 1920 x 1080* 30ips : 3840 x 2160* 15ips : 3840 x 2160
Ethernet	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100/1000 BASE-T)
Recording Session Buffer (NLTSrec)	Yes (Up to 40MB)	Yes (Up to 100MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)
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 + Internal Mic 1ea / Line-out 1ea	Line-in 1ea + Internal Mic 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)	75.6mm x 61mm x 129.3mm (2.98" x 2.4" x 5.09")	75.6mm x 61mm x 129.3mm (2.98" x 2.4" x 5.09")
Weight	0.4kg (0.89 lb)	0.4kg (0.89 lb)
Power Source	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)
Power Consumption	12V =, 0.5A, 6W PoE, IEEE 802.3af (Class 3)	12V =, 0.7A, 8.4W PoE, IEEE 802.3af (Class 3)

* DirectIP is not applicable.

DC-B3303X / DCL-M2880P

Model Name	LENS
	DCL-M2880P
Specification	Vari-focal P-Iris 3MP IR
Imager Size	1/2.7"
Mount Type	CS
Focal Length	2.8 ~ 8mm
Aperture Range	F/1.2 ~ Close
Field of View	Wide : 124.1°(H) x 65.1°(V) x 140.1°(D) Tele : 43.0°(H) x 24.1°(V) x 49.2°(D)
M.O.D.	0.3m
Iris Control	P-Iris
Dimension	Ø43.2 x 55.78mm
Flange Back Length	12.5mm
Weight	68g
Operating Temerature	-20°C ~ 60°C

DC-D3233FRX-N

DOME CAMERAS

Model Name	Fixed Focal, 2MP	Vari Focal, 2MP
	DC-D3212RX-N	DC-D1223F(R)
Image Sensor	1/3" CMOS	1/2.7" CMOS
Max. Resolution	1920 x 1080	1920 x 1080
Lens Type	Fixed-focal	Vari-focal
Focal Length	f = 2.8mm / 4.0mm	f = 3.3 - 10mm
Aperture	F1.8 / F2.0 (f = 4.0mm)	F1.3 - 2.5
Iris Control	Fixed Iris	DC Auto Iris
Angular Field of View	f = 2.8mm : 110.7° (H), 61.2° (V), 128.6° (D) f = 4.0mm : 80.3° (H), 43.4° (V), 94.1° (D)	Wide : 108.2° (H), 56.2° (V), 129.3° (D) Tele : 35.4° (H), 19.8° (V), 40.5° (D)
Pan / Tilt Range	Pan : -180° ~ 174°, Tilt: 0° ~ 65°	Pan : -167° ~ 167° Tilt : 0° ~ 70° (0° ~ 80° : DC-D1223FR) Rotate : -176° ~ 176°
Min. Illumination	Color : 0.1 Lux @ F1.8 B/W : 0 Lux (IR LED On)	Color : 0.1 Lux @ F1.3 B/W : 0.02 Lux @ F1.3 (0 Lux (IR LED On) : DC-D1223FR)
Dynamic Range	120dB (True WDR)	More than 70dB
Day and Night	IR Cut Filter with Auto Switch	IR Cut Filter with Auto Switch
IR Distance (LEDs)	20m / 65.6ft (4 ea)	- , 20m / 65.6ft (18ea) (DC-D1223FR)
Image Stabilizer	-	-
De-fog	Yes	-
Video Out	-	1 Terminal Block
Video Compression	H.265, H.264 (MP), M-JPEG*	H.264 (MP), M-JPEG
Intelligent Codec	Supported	-
Audio Compression	-	ADPCM 16K, G.726, G.711 u-Law
Max. Frame Rate	30ips : 1920 x 1080 (WDR)	30ips : 1920 x 1080
Ethernet	RJ45 (10/100BASE-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 128GB)	micro SD / SDHC, Smart Failover (Up to 32GB)
Trigger Event	Motion Detection Tampering Trip Zone	Motion Detection Alarm In Audio Detection Tampering Trip Zone
Audio In / Out	-	Line-in 1ea / Line-out 1ea
Alarm In / Out	-	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)	Ø111.9 x 82mm (Ø4.41" x 3.23")	Ø155mm x 127mm (Ø6.11" x 5.01")
Weight	0.25 kg (0.55 lb)	0.51 kg (1.13 lb)
Power Source	PoE (IEEE 802.3af Class 2)	12VDC, PoE (IEEE 802.3af Class 2)
Power Consumption	PoE (IEEE 802.3af Class 2), 4.36W	12V=, 0.4A, 4.8W PoE, IEEE 802.3af (Class 2)

* DirectIP is not applicable.

Model Name	MFZ, 2MP					
	DC-D3233X-N	DC-D3233RX-N	DC-D3233FX-N	DC-D3233FRX-N	DC-D3233HRX-N	DC-D3243HRX-N
Image Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	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 = 2.8 - 12mm	f = 2.8 - 12mm	f = 7 - 22mm
Aperture	F1.6 - 2.7	F1.6 - 2.7	F1.6 - 2.7	F1.6 - 2.7	F1.6 - 2.7	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 : 98°(H), 52°(V), 116°(D) Tele : 33°(H), 18.5°(V), 37.9°(D)	Wide : 98° (H), 52° (V), 116° (D) Tele : 33° (H), 18.5° (V), 37.9° (D)	Wide : 40°(H), 22°(V), 47°(D) Tele : 16°(H), 9°(V), 18°(D)
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 : 0.01 lux @ F1.6	Color : 0.1 Lux @ F1.6 B/W : 0 Lux (IR LED On)	Color : 0.1 lux @ F1.6 B/W : 0.01 lux @ F1.6	Color : 0.1 lux @ F1.6 B/W : 0 lux (IR LED ON)	Color : 0.1 Lux @ F1.6 B/W : 0 Lux (IR LED On)	Color : 0.1 Lux @ F1.4 B/W : 0 Lux (IR LED On)
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)	-	20 m / 65.6 ft (4ea)	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 BASE-T)	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTSrec)	Yes (Up to 60MB)	Yes (Up to 60MB)	Yes (Up to 60MB)	Yes (Up to 60MB)	Yes (Up to 60MB)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)
Trigger Event	Motion Detection Alarm In Audio Detection Tampering Trip Zone	Motion Detection Audio Detection Alarm In Tampering Trip Zone	Motion Detection Audio Detection Alarm In Tampering Trip Zone	Motion Detection Audio Detection Alarm In Tampering Trip Zone	Motion Detection Audio Detection Alarm In 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	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	Input 1ea / Output 1ea
Vandal Resistance	-	-	-	-	IK10	IK10
Outdoor Ready	-	-	-	-	IP67, Heater	IP67, Heater
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)	-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")	Ø140mm x 108mm (Ø5.5" x 4.25")	Ø174mm x 122.4mm (Ø6.85" x 4.82") surface : Ø174mm x 70.7mm (Ø6.85" x 2.78")	Ø174mm x 122.4mm (Ø6.85" x 4.82") surface : Ø174mm x 70.7mm (Ø6.85" x 2.78")	Ø160mm x 116.5mm (Ø6.30" x 4.59")	Ø160mm x 128.5mm (Ø6.30" x 5.06")
Weight	0.49kg	0.49kg	0.71kg	0.72kg	1.21 kg	1.21 kg
Power Source	12VDC, PoE (IEEE 802.3af Class 2)	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 2)	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)
Power Consumption	12V=, 0.47A, 5.64W PoE, IEEE 802.3af (Class 2)	12V=, 0.61A, 7.32W PoE, IEEE 802.3af (Class 3)	12V = , 0.48A, 5.8W PoE, IEEE 802.3af (Class 2)	12V =, 0.62A, 7.4W PoE, IEEE 802.3af (Class 3)	12V =, 0.61A, 7.32W PoE, IEEE 802.3af (Class 3)	12V =, 0.82A, 11.7W PoE, IEEE 802.3af (Class 3)

* DirectIP is not applicable.

DOME CAMERAS

Model Name	MFZ, 2MP	MFZ, 5MP		MFZ, 12MP	Fixed Focal, 2MP
	DC-D3233HRXL	DC-D3533RX	DC-D3533HRX	DC-D3C33HRX	NEW DC-D4212R - 4.0mm
				4K ULTRA HD	
Image Sensor	1/1.9" CMOS	1/1.8" CMOS	1/1.8" CMOS	1/1.7" CMOS	1/2.9" CMOS
Max. Resolution	1920 x 1080	2592 x 1944	2592 x 1944	4000 x 3000	1920 x 1080
Lens Type	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal	Fixed-focal
Focal Length	f = 4.4 - 10mm	f = 3.6 - 10mm	f = 3.6 - 10mm	f = 4.5 - 10mm	f=4.0mm
Aperture	F1.2 - 1.95	F1.8 - 2.8	F1.8 - 2.8	F1.6 - 2.6	F2.15
Iris Control	P-Iris	P-Iris	P-Iris	P-Iris	Fixed Iris
Angular Field of View	Wide : 91.5° (H), 48.4° (V), 109° (D) Tele : 43.4° (H), 24.2° (V), 49.9° (D)	Wide : 90° (H), 67° (V), 116° (D) Tele : 37° (H), 27° (V), 46° (D)	Wide : 90° (H), 67° (V), 116° (D) Tele : 37° (H), 27° (V), 46° (D)	[8MP Mode] Wide : 90.2° (H), 48.5° (V), 106.2° (D) Tele : 41.6° (H), 23.3° (V), 47.8° (D) [12MP Mode] Wide : 94.6° (H), 68.5° (V), 125.2° (D) Tele : 43.4° (H), 32.4° (V), 54° (D)	83°(H), 43°(V), 100.4°(D)
Pan / Tilt Range	Pan : -176° ~ 176° Tilt : 0° ~ 66° Rotate : -90° ~ 90°	Pan : -176° ~ 176° Tilt : 0° ~ 65° Rotate : -90° ~ 90°	Pan : -176° ~ 176° Tilt : 0° ~ 65° Rotate : -90° ~ 90°	Pan : -176° ~ 176° Tilt : 0° ~ 65° Rotate : -90° ~ 90°	Pan: -180° ~ 174°, Tilt: 0° ~ 71.5°
Min. Illumination	Color : 0.01 Lux @ F1.2 B/W : 0 Lux (IR LED On)	Color : 0.2 Lux @ F1.8 B/W : 0 Lux (IR LED On)	Color : 0.2 Lux @ F1.8 B/W : 0 Lux (IR LED On)	Color : 0.3 Lux @ F1.6 B/W : 0 Lux (IR LED On)	COLOR : 0.1 lux @ F2.15 B/W : 0 lux (IR LED ON)
Dynamic Range	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)	More than 70dB
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 / 98.4ft (6ea)	30m / 98.4ft (6ea)	30m / 98.4ft (6ea)	30m / 98.4ft (6ea)	20m / 65.6ft (2 ea)
Image Stabilizer	-	-	-	-	-
De-fog	Yes	Yes	Yes	Yes	Yes
Video Out	1 BNC (Accessory)	1 BNC (Accessory)	1 BNC (Accessory)	1 BNC (Accessory)	-
Video Compression	H.265, H.264 (MP), M-JPEG*	H.265, H.264 (MP), M-JPEG*	H.265, H.264 (MP), M-JPEG*	H.265, H.264 (MP), M-JPEG*	H.265, H.264 (MP), M-JPEG*
Intelligent Codec	Supported	Supported	Supported	Supported	Supported
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	-
Max. Frame Rate	60ips : 1920 x 1080* 30ips : 1920 x 1080 (WDR)	30ips : 2592 x 1944 15ips : 2592 x 1944 (WDR)	30ips : 2592 x 1944 15ips : 2592 x 1944 (WDR)	30ips : 3840 x 2160(WDR) 15ips : 4000 x 3000 (WDR)*	30ips : 1920 x 1080 15ips : 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100/1000 BASE-T)	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 10MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)	-
Trigger Event	Motion Detection Audio Detection Alarm In Tampering Trip Zone	Motion Detection Audio Detection Alarm In Tampering Trip Zone	Motion Detection Audio Detection Alarm In Tampering Trip Zone	Motion Detection Audio Detection Alarm In Tampering Trip Zone	Motion 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	-
Alarm In / Out	Input 1ea / Output 1ea	Input 1ea / Output 1ea	Input 1ea / Output 1ea	Input 1ea / Output 1ea	-
Vandal Resistance	IK10	-	IK10	IK10	-
Outdoor Ready	IP67, Heater	-	IP67, Heater	IP67, Heater	-
Operating Temperature	-40°C ~ +60°C (-40°F ~ +140°F) *Starting Up at Above -20°C (-4°F)	-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)	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)
Dimensions (W x H x D)	Ø160mm x 128.5mm (Ø6.30" x 5.06")	Ø160mm x 116.5mm (Ø6.30" x 4.59")	Ø160mm x 128.5mm (Ø6.30" x 5.06")	Ø160mm x 128.5mm (Ø6.30" x 5.06")	Ø130mm x 74.3mm (Ø5.12" x 2.93")
Weight	0.9kg (1.98lb)	1.21kg (2.66lb)	1.21kg (2.66lb)	1.21kg (2.66lb)	0.21kg (0.46lb)
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)	PoE (IEEE 802.3af Class 2)
Power Consumption	12V =, 0.97A, 11.6W PoE, IEEE 802.3af (Class 3)	12V =, 0.85A, 10.2W PoE, IEEE 802.3af (Class 3)	12V =, 0.95A, 11.4W PoE, IEEE 802.3af (Class 3)	12V =, 1.0A, 12W PoE, IEEE 802.3af (Class 3)	PoE (IEEE 802.3af Class 2), 4W

* DirectIP is not applicable.

BULLET CAMERAS

Model Name	Fixed Focal, 2MP	MFZ, 2MP			
	DC-E3212WRX	DC-T1244WR	DC-T3233HRX	DC-T3233HRXL	DC-T3234HRX
Image Sensor	1/3" CMOS	1/2.8" CMOS	1/3" 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
Lens Type	Fixed-focal	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal
Focal Length	f = 3.3mm / 6.0mm	f = 9 - 22mm	f = 3.3 - 10mm	f = 4.4 - 10mm	f = 3.3 - 10mm
Aperture	F2.0	F1.5 - 2.8	F1.3 - 2.5	F1.2 - 1.95	F1.3 - 2.5
Iris Control	Fixed Iris	DC Auto Iris	P-Iris	P-Iris	P-Iris
Angular Field of View	96.4° (H), 52.3° (V), 113.2° (D) (f=3.3mm) 51.6° (H), 27.8° (V), 60.6° (D) (f=6.0mm)	Wide : 35.7° (H), 19.4° (V), 41.2° (D) Tele : 14.9° (H), 8.3° (V), 17° (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 : 94.0° (H), 50.0° (V), 110.0° (D) Tele : 31.8° (H), 18.0° (V), 36.6° (D)
Min. Illumination	Color : 0.1 Lux @ F2.0 B/W : 0 Lux (IR LED On)	Color : 0.5 Lux @ F1.5 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 : 0.1 Lux @ F1.3 B/W : 0 Lux (IR LED On)
Dynamic Range	120dB (True WDR)	74.7dB	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)	20m / 65.6ft (2ea)	50m / 164ft (40ea)	30m / 98.4ft (10ea)	30m / 98.4ft (10ea)	30m / 98.4ft (24ea) / White LED (6ea)
Image Stabilizer	-	-	-	-	-
De-fog	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.264 (MP), M-JPEG*	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Supported	-	Supported	Supported	Supported
Audio Compression	-	-	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	30ips : 1920 x 1080 (WDR)	30ips : 1920 x 1080	60ips : 1920 x 1080 * 30ips : 1920 x 1080 (WDR)	60ips : 1920 x 1080 * 30ips : 1920 x 1080 (WDR)	60ips : 1920 x 1080 * 30ips : 1920 x 1080 (WDR)
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100/1000 BASE-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 128GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)
Trigger Event	Motion Detection Tampering Trip Zone	Motion Detection Tampering Trip Zone	Motion Detection Audio Detection Tampering Trip Zone	Motion Detection Audio Detection Tampering Trip Zone	Motion Detection 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
Alarm In / Out	-	-	Input 1ea / Output 1ea	Input 1ea / Output 1ea	Input 1ea / Output 1ea
Vandal Resistance	IK10	IK10	IK10	IK10	-
Outdoor Ready	IP66	IP66	IP66, Heater	IP66, Heater	IP66, Heater
Operating Temperature	-20°C ~ +55°C (+4°F ~ +131°F) *Starting Up at Above 0°C (32°F)	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)	-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 ~ +55°C (-40°F ~ +131°F) *Starting Up at Above -20°C (-4°F)
Dimensions (W x H x D)	Ø60mm x 230.5mm (Ø2.36" x 9.07")	260mm x 210mm x 290mm (10.23" x 8.26" x 11.41")	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	0.51kg (1.13lb)	2.3 kg (5.07lb)	1.17kg (2.58lb)	1.17 kg (2.58 lb)	1.17 kg (2.58 lb)
Power Source	PoE (IEEE 802.3af Class 2)	12VDC	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)
Power Consumption	5.24W	12V =, 0.8A, 9.6W	12V =, 0.72A, 8.64W PoE, IEEE 802.3af (Class 3)	12V =, 0.8A, 9.6W PoE, IEEE 802.3af (Class 3)	12V=, 0.77A, 9.24W PoE, IEEE 802.3af(Class 3)

* DirectIP is not applicable.

BULLET CAMERAS

Model Name	MFZ, 2MP DC-T3243HRX	MFZ, 5MP DC-T3533HRX	MFZ, 12MP DC-T3C33HRX
Image Sensor	1/3" CMOS	1/1.8" CMOS	1/1.7" CMOS
Max. Resolution	1920 x 1080	2592 x 1944	4000 x 3000
Lens Type	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal
Focal Length	f = 9 - 22mm	f = 3.6 - 10mm	f = 4.5 - 10mm
Aperture	F1.5 - 2.8	F1.8 - 2.8	F1.6 - 2.6
Iris Control	P-Iris	P-Iris	P-Iris
Angular Field of View	Wide : 33.8° (H), 18.8° (V), 39.2° (D) Tele : 14.2° (H), 8° (V), 16.2° (D)	Wide : 90° (H), 67° (V), 116° (D) Tele : 37° (H), 27° (V), 46° (D)	[8MP mode] Wide : 90.2°(H), 48.5°(V), 106.2°(D) Tele : 41.6°(H), 23.3°(V), 47.8°(D) [12MP mode] Wide : 94.6°(H), 68.5°(V), 125.2°(D) Tele : 43.4°(H), 32.4°(V), 54°(D)
Min. Illumination	Color : 0.3 Lux @ F1.5 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 (10ea)	30m / 98.4ft (10ea)	50m / 164ft (4ea)
Image Stabilizer	-	-	-
De-Fog	Yes	Yes	Yes
Video Out	1 BNC	1 BNC	-
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	60ips : 1920 x 1080 * 30ips : 1920 x 1080 (WDR)	30ips : 2592 x 1944 15ips : 2592 x 1944 (WDR)	30ips : 3840 x 2160 (WDR) 15ips : 4000 x 3000 (WDR)*
Ethernet	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100/1000 BASE-T)
Recording Session Buffer (NLTSrec)	Yes (Up to 60MB)	Yes (Up to 100MB)	Yes (Up to 100MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)
Trigger Event	Motion Detection Audio Detection Tampering Trip Zone	Motion Detection Audio Detection Tampering Trip Zone	Motion Detection 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
Alarm In / Out	Input 1ea / Output 1ea	Input 1ea / Output 1ea	Input 1ea / Output 1ea
Vandal Proof Casing	IK10	IK10	IK10
Outdoor Ready	IP66, Heater	IP66, 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)	Ø73.5mm x 308.5mm (Ø2.9" x 12.15")	Ø73.5mm x 311.1mm (Ø2.9" x 12.25")	132.8mm x 132.8mm x 372.9mm (5.23" x 5.23" x 14.68")
Weight	1.17kg (2.58lb)	1.27kg (2.80lb)	2.7kg (5.95lb)
Power Source	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 4)
Power Consumption	12V =, 0.72A, 8.64W PoE, IEEE 802.3af (Class 3)	12V =, 0.95A, 11.4W PoE, IEEE 802.3af (Class 3)	12V =, 1.6A, 19.2W PoE, IEEE 802.3at(Class 4)

* DirectIP is not applicable.

DC-Y3C14WRX

FISHEYE CAMERAS

Model Name	5MP	12MP
	DC-Y1514(W)	DC-Y3C14WRX
Image Sensor	1/1.8" CMOS	1/1.7" 12MP CMOS
Max. Resolution	2560 x 2048	3200 x 2944
Lens Type	Fixed-focal	Fixed-focal
Focal Length	f = 1.45mm	f = 1.98mm
Aperture	F2.2	F2.8
Iris Control	Fixed Iris	Fixed Iris
Angular Field of View	180° (H), 180° (V), 180° (D)	180° (H), 168° (V), 180° (D)
Pan / Tilt / Zoom	-	-
Min. Illumination	Color : 0.8 Lux @ F2.2 B/W : 0.03 Lux @ F2.2	Color : 0.2 Lux @ F2.8 B/W : 0 Lux (IR LED On)
Dynamic Range	More than 70dB	120dB (True WDR)
Day and Night	IR Cut Filter with Auto Switch	IR Cut Filter with Auto Switch
IR Distance (LEDs)	-	15m / 49.2ft (6ea)
Image Stabilizer	-	-
Viewing Composition	1O, 1P, 1P2R, 2P, 4R, 1O7R	1O, 1P, 1P2R, 2P, 4R, 1O7R
Video Out	-	-
Video Compression	H.264 (MPEG-4 Part 10/AVC), M-JPEG*	H.265, H.264 (MPEG-4 Part 10/AVC), M-JPEG*
Intelligent Codec	Supported	Supported
Audio Compression	ADPCM 16K, G.726, G.711 u-Law	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Max. Frame Rate	30ips : 2560 x 2048	30ips : 3200 x 2944 15ips : 3200 x 2944 (WDR)
Ethernet	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100/1000 BASE-T)
Recording Session Buffer (NLTSrec)	Yes (Up to 100MB)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)
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 + Internal Mic 1ea / Line-out 1ea	Line-in 1ea + Internal Mic 1ea / Line-out 1ea
Alarm In / Out	Input 1ea / Output 1ea	Input 1ea / Output 2ea
Vandal Resistance	- / IK10 (DC-Y1514W)	IK10
Outdoor Ready	- / IP66 (DC-Y1514W)	IP67
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) *Startin g Up at Above 0°C (32°F)	-10°C ~ +60°C (+14°F ~ +140°F) *Starting Up at Above 0°C (32°F)
Dimensions (W x H x D)	Ø155.0mm x 48.3mm (Ø6.10" x 1.90")	Ø155.0mm x 58.3mm (Ø6.10" x 2.29")
Weight	0.59kg (1.31lb)	0.92kg (2.03lb)
Power Source	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)
Power Consumption	12V ⎓, 0.63A, 7.56W PoE, IEEE 802.3af (Class 3)	12V ⎓, 1.1A, 12.6W PoE, IEEE 802.3af (Class 3)

* DirectIP is not applicable.

BENEFITS OF IDIS SUPER FISHEYE CAMERA

Cost Savings on Equipment and Installation
Cover a wider area with a single 360° camera

Dual Side Dewarping Solution
Dewarping on-board the camera and on client PCs, mobile devices, or NVRs without a PC

High Definition Images
12 or 5 megapixel high resolution

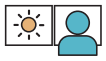
Storage Savings with IDIS Intelligent Codec
Delivers up to 90% savings on storage and bandwidth, providing faster and better searching of clearer images

IR LED
IR distance up to 15m / 49.2ft

Communication
Internal microphone

Identify Any Point of Interest with IDIS Center
Provides an overview while maintaining details at the same time

Robust, Vandal Resistant, and Weatherproof
IK10 / IP66, IP67 support



True WDR (120dB)
Easy to recognize who and what is there in every environment

Smart UX Controls v2.0
Groundbreaking agility, ease, and accuracy

Quick and Easy to Install
Easy installation with DirectIP™ NVRs

Winner of the Global Design Awards

The DC-S3583HRX / DC-S3883HRX are recognized globally for their balance of function and aesthetics, earning 2018 global honors in the RedDot and iF design programs.

DESIGN AWARD 2018

reddot award 2018
winner

SPEED DOME CAMERAS

Model Name	Outdoor PTZ, 2MP	Indoor PTZ, 2MP	IR PTZ, 5MP / 12MP	
	DC-S3283WHX	DC-S3283FX	DC-S3583HRX	DC-S3883HRX
Image Sensor	1/3" CMOS	1/3" CMOS	1/1.7" CMOS	1/1.7" CMOS
Max. Resolution	1920 x 1080	1920 x 1080	3072 x 1728	3840 x 2160
Lens Type	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)
Aperture	F1.6 - 5.0	F1.6 - 5.0	F1.55 - 4.8	F1.55 - 4.8
Iris Control	DC Auto Iris (Hall Sensor)	DC Auto Iris (Hall Sensor)	DC Auto Iris (Hall Sensor)	DC Auto Iris (Hall Sensor)
Angular Field of View	Wide : 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)
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)
Dynamic Range	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)
IR Distance (LEDs)	-	-	200m / 656.2ft (2ea)	200m / 656.2ft (2ea)
Image Stabilizer	-	-	Yes (DIS)	Yes (DIS)
Auto Tracking	-	Yes	Yes	Yes
Video Out	-	-	1 Terminal Block	1 Terminal Block
Video Compression	H.265, H.264 (MP), M-JPEG*	H.265, H.264 (MP), M-JPEG*	H.265, H.264 (MP), M-JPEG*	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	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)
Ethernet	RJ45 (10/100/1000BASE-T)	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100/1000 BASE-T)
Recording Session Buffer (NLTSrec)	Yes (Up to 60MB)	Yes (Up to 60MB)	Yes (Up to 60MB)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)
Trigger Event	Motion Detection Face Detection Alarm In Tampering Trip Zone	Motion Detection Face Detection Alarm In Tampering Trip Zone	Motion Detection Face Detection Alarm In Tampering Trip Zone	Motion Detection Face 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	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
Vandal Proof Casing	IK10	-	IK10	IK10
Outdoor Ready	IP67, 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)
Dimensions (W x H x D)	Ø200mm x 199.5mm (Ø7.88" x 7.86")	Ø226.5mm x 224.1mm (Ø8.92" x 8.83")	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)
Power Source	24VAC, PoE (IEEE 802.3at Class 4)	24VAC, PoE (IEEE 802.3af Class 3)	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

* DirectIP is not applicable.

ZOOM CAMERA

Model Name	2MP DC-Z1263
Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Lens Type	AF Zoom Lens
Focal Length	f = 4.7 - 84.6mm
Aperture	F1.6 - 2.8
Iris Control	DC Auto Iris
Angular Field of View	Wide : 61.2° (H), 35.6° (V), 68.9° (D) Tele : 3.6° (H), 2.1° (V), 4.1° (D)
Min. Illumination	Color : 0.1 Lux @ F1.6 B/W : 0.04 Lux @ F1.6
Dynamic Range	74.7dB
Day and Night	IR Cut Filter with Auto Switch
IR Distance (LEDs)	-
Image Stabilizer	-
Privacy Masking	16 Zones
Video Out	1 RCA
Video Compression	H.264 (MP), M-JPEG*
Intelligent Codec	-
Audio Compression	ADPCM 16K, G.726, G.711 u-Law
Max. Frame Rate	30ips : 1920 x 1080
Ethernet	RJ45 (10/100 BASE-T)
Recording Session Buffer (NLTSrec)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC, Smart Failover (Up to 32GB)
Trigger Event	Motion Detection Alarm In Audio Detection Tampering Trip Zone
Audio In / Out	Line-in 1ea / Line-out 1ea
Alarm In / Out	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)
Dimensions (W x H x D)	77.8mm x 75mm x 190.1mm (3.07" x 2.96" x 7.49")
Weight	0.71kg (1.57lb)
Power Source	12VDC, 24VAC PoE (IEEE 802.3af Class 0)
Power Consumption	12V =, 0.4A, 4.8W 24V~, 0.44A, 6.9W, 50/60Hz PoE, IEEE 802.3af (Class 0)

* DirectIP is not applicable.

COVERT MODULAR CAMERAS

Model Name	2MP DC-V3213XJ-4.3mm	2MP DC-V3213XJ-2.5mm
Image Sensor	1/2.9" SONY CMOS Sensor	1/2.9" SONY CMOS Sensor
Max. Resolution	1920 x 1080	1920 x 1080
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	83° (H), 47° (V), 95° (D)	132° (H), 70° (V), 150° (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	Auto / On / Off / Schedule	Auto / On / Off / Schedule
IR Distance (LEDs)	N/A	N/A
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
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 128GB)	micro SD / SDHC / SDXC, Smart Failover (Up to 128GB)
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 (Terminal Block)	Line-in 1ea / Line-out 1ea (Terminal Block)
Alarm In / Out	Input 1ea / Output 1ea (Terminal Block)	Input 1ea / Output 1ea (Terminal Block)
Vandal Proof Casing	N/A	N/A
Outdoor Ready	N/A	N/A
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")	39 mm x 40 mm x 35 mm (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	4.08W	4.08W

* DirectIP is not applicable.

Direct CX®

The Most Advanced HD Analog Over Coax Solution

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

HD-TVI Recorders

TR-1 SERIES

Model Name	NEW TR-1204C	NEW TR-1204	NEW TR-1208
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)		
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 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	120ips @ 1080P	240ips @ 1080P
Recording Mode	Time-Lapse, Event, Pre-Event, Panic		
Trigger Events	Motion detection, Video loss	Motion detection, Video loss	Alarm in, Motion detection, Video loss, Text-in
PLAYBACK			
Performance	1ch 1080P / 4ch D1 synchronous playback	1ch 1080P / 4ch D1 synchronous playback	2ch 1080P / 8ch D1 synchronous playback
Search Mode	Time-lapse, Event log, Motion	Time-lapse, Event log, Motion	Time-lapse, Event log, Motion, Text-in
Digital Zoom	x2 ~ x12		
STORAGE			
HDD	SATA x1, (Up to 2TB Capacity, 2.5")	SATA x1, (Up to 6TB Capacity, 3.5")	SATA x1, (Up to 6TB Capacity, 3.5")
Data Export Device	USB HDD, USB Stick		
NETWORK			
Client Connection	Fast Ethernet x1		
Transmission Speed	30ips @ Full HD		
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web		
INTERFACE			
Audio In / Out	-	-	-
Alarm In / Out	-	-	-
Alarm Reset In	-	-	-
Serial Interface	-	-	-
GENERAL			
Operating System	Embedded Linux		
Unit Dimensions (W x H x D)	170mm X 44.5mm X 114.9mm (6.69" x 1.75" x 4.52")	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	0.44kg (0.97lb) (with 1 HDD)	1.12kg (2.47lb) (with 1 HDD)	1.24kg (2.73lb) (with 1 HDD)
Operating Humidity	0% ~ 90%	0% ~ 90%	0% ~ 90%
Power Input	DC 12V 3A	DC 12V 3A	DC 12V 3A
Power Consumption	10.2W	10.6W	13.32W
Approvals	FCC, CE, KC	FCC, CE, KC	FCC, CE, KC

TR-2 SERIES

TR-4 SERIES

Model Name	TR-2204	TR-2208	TR-4308(R)	TR-4316(R)
VIDEO				
Video Inputs	4 BNC (Multistandard Analog)	8 BNC (Multistandard Analog)	8 BNC (Multistandard Analog)	16 BNC (Multistandard Analog)
Supported Camera Types	720P25, 720P30, 1080P25, 1080P30, CVBS (NTSC / PAL)		5MP, 4MP, 3MP, 1080P30, 1080P25, 720P30, 720P25, CVBS (NTSC / PAL)	
Video Outputs	1 HDMI, 1 VGA		1 HDMI, 1 VGA, 1 BNC (Spot)	
Display Resolution	HDMI / VGA : 1920 x 1080, 1440 x 900, 1280 x 1024		HDMI : 3840 x 2160, 1920 x 1080, 1440 x 900, 1280 x 1024 VGA : 1920 x 1080, 1440 x 900, 1280 x 1024 Composite : 720 x 480 (NTSC), 720 x 576 (PAL)	
Display Speed	Up to 120ips	Up to 240ips	Up to 240ips	Up to 480ips
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, 1920x1080, 1280x720, 960x480,720x480,960x240, 720x240 480x240, 360x240	
Frame Rate	120ips @ 1080P	240ips @ 1080P	240ips @ 1080P	480ips @ 1080P
Recording Mode	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	
PLAYBACK				
Performance	2ch 1080P Synchronous Playback	4ch 1080P synchronous playback	4ch 1080P Synchronous Playback	
Search Mode	Time-lapse, Event log, Motion, Text-in		Time-lapse, Event Log, Motion, Text-in	
Digital Zoom	x2 ~ x12		x2 ~ x12	
STORAGE				
HDD	SATA x 2 (Up to 6TB Capacity for Each Disk)		SATA x 4, eSATA x 1 (Up to 6TB Capacity for Each Disk), RAID 1 Supported (TR-4308R)	SATA x 4, eSATA x 1 (Up to 6TB Capacity for Each Disk), RAID 1 Supported (TR-4316R)
Data Export Device	USB HDD, USB Stick	USB HDD, USB Stick	USB HDD, USB Stick	
NETWORK				
Client Connection	Fast Ethernet x 1		Gigabit Ethernet x 1	
Transmission Speed	30ips @ Full HD per Channel, Shared with Recording		120ips @ Full HD	
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web		IDIS Center, IDIS Mobile, IDIS Web	
INTERFACE				
Audio In / Out	4 RCA / 1 RCA + 1 HDMI		4 RCA / 1 RCA + 1 HDMI	
Alarm In / Out	4 In / 1 Relay Out	8 In / 1 Relay Out	8 In / 4 Relay Out	16 In / 4 Relay Out
Alarm Reset In	-		1	
Serial Interface	RS232, RS485 (Terminal Block), USB 2.0 x 2		RS232, RS485 (Terminal Block), USB 2.0, USB 3.0	
GENERAL				
Operating System	Embedded Linux		Embedded Linux	
Unit Dimensions (W x H x D)	300mm x 62mm x 231 mm (11.8" x 2.4" x 9.1")	300mm x 62mm x 231 mm (11.8" x 2.4" x 9.1")	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	2.3kg (5.1lb) (with 1 HDD)	2.4kg (5.1lb) (with 1 HDD)	6.0kg (13.2lb) (with 1 HDD)	6.0kg (13.2lb) (with 1 HDD)
Operating Humidity	0% ~ 90%	0% ~ 90%	0% ~ 90%	0% ~ 90%
Power Input	DC 12V 1.3A	DC 12V 1.7A	AC 100-240 V, 50/60Hz, 1.2 - 0.6A	AC 100-240 V, 50/60Hz, 1.2 - 0.6A
Power Consumption	15.6W	20.4W	76W	76W
Approvals	FCC, CE, KC	FCC, CE, KC	FCC, CE, KC, CB, UL, PSE	FCC, CE, KC, CB, UL, PSE

HD-TVI CAMERAS

Model Name	Fixed Focal, 2MP	Vari Focal, 2MP		Fixed Focal, 2MP	Vari Focal, 2MP	AF Zoom, 2MP
	TC-D4211RX (2.8mm / 4.0mm)	TC-D4222RX	TC-D4222WRX	TC-E4211WRX (4.0mm / 6.0mm)	TC-T4222WRX	TC-S1283WHX
VIDEO						
Image Sensor	1/2.8" SONY 2Mega Starvis CMOS Sensor	1/2.8" SONY 2Mega Starvis CMOS Sensor	1/2.8" SONY 2Mega Starvis CMOS Sensor	1/2.8" SONY 2Mega Starvis CMOS Sensor	1/2.8" SONY 2Mega Exmor CMOS Sensor	1/2.8" SONY Starvis CMOS Sensor
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Scanning Mode	Progressive Scan	Progressive Scan	Progressive Scan	Progressive Scan	Progressive Scan	Progressive Scan
Lens Type	Fixed-focal	Vari-focal	Vari-focal	Fixed-focal	Vari-focal	AF Zoom lens
Focal Length	f = 2.8mm / 4.0mm	f = 2.8mm - 12mm	f = 2.8mm - 12mm	f = 4.0mm / 6.0mm	f = 2.8mm - 12mm	f = 4.3mm ~ 129mm
Iris Control	Fixed Iris	DC Auto Iris	DC Auto Iris	Fixed Iris	DC Auto Iris	DC Auto Iris
Angular Field of View	121.3°(H), 73.8°(V), 142.0°(D) 2.8mm 87.4°(H), 56.4°(V), 104.0°(D) 4.0mm	Wide : 120.9° (H), 61.4° (V), 149.6° (D) Tele : 37.1° (H), 20.7° (V), 42.7° (D)	Wide : 120.9° (H), 61.4° (V), 149.6° (D) Tele : 37.1° (H), 20.7° (V), 42.7° (D)	87.4°(H), 56.4°(V), 104.0°(D) 4.0mm 54.3°(H), 29.9°(V), 62.0°(D) 6.0mm	Wide : 120.9° (H), 61.4° (V), 149.6° (D) Tele : 37.1° (H), 20.7° (V), 42.7° (D)	65.1°~2.23°(H)
Pan / Tilt Range	Pan : 0° ~ 350° Tilt : 10° ~ 90°	Pan : 0° ~ 340°, Tilt : 7° ~ 90°	Pan : 0° ~ 340°, Tilt : 7° ~ 90°	-	-	-
Min. Illumination	Color : 0.1 Lux B/W : 0 Lux (IR LED ON)	Color : 0.3 Lux @ F1.4 (AGC MAX) B/W : 0 Lux (IR LED On)	Color : 0.3 Lux @ F1.4 (AGC MAX) B/W : 0 Lux (IR LED On)	Color : 0.1 Lux B/W : 0 Lux (IR LED On)	Color : 0.3 Lux @ F1.4 (AGC MAX) B/W : 0 Lux (IR LED On)	Color : 0.35 Lux BW : 0.013 Lux @ 50IRE
Day and Night	YES (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	15 m / 49.2 ft (24ea)	30m / 98.4ft (28ea)	30m / 98.4ft (24ea)	20 m / 65.6 ft (4ea)	40m / 131.2ft (42ea)	-
Image Stabilizer	-	-	-	-	-	Yes (DIS)
Video Out	1 HD BNC	1 HD BNC, 1 SD BNC	1 HD BNC, 1 SD BNC	1 HD 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 ~ x32	Off / x2 ~ x32	Off / x2 ~ x32	Off / x2 ~ x32	Off / x2 ~ x32	Off / x2 ~ x8
Wide Dynamic Range (WDR)	Off / On (Low, Middle, High)	Off / On (Low, Middle, High)	Off / On (Low, Middle, High)	Off / On (Low, Middle, High)	Off / On (Low, Middle, High)	True WDR (OFF / ON, NIGHT OFF (Low,Middle,High))
Backlight Compensation (BLC)	Off / On	Off / On	Off / On	Off / On	Off / On	Off / On
HSBLC	1 ~ 20 Level Adjustable (All Day / Night Only)	1 ~ 20 Level Adjustable (All Day / Night Only)	1 ~ 20 Level Adjustable (All Day / Night Only)	1 ~ 20 Level Adjustable (All Day / Night Only)	1 ~ 20 Level Adjustable (All Day / Night Only)	HLC On / Off Level 0~20, Color : Black, White, Yellow, Cyan, Green, Magenta, Red, Blue
Smart IR (IR Optimizer)	0 ~ 20 Level Adjustable	0 ~ 20 Level Adjustable	0 ~ 20 Level Adjustable	0 ~ 20 Level Adjustable	0 ~ 20 Level Adjustable	-
Digital Noise Reduction	2D + 3DNR (Off / Low / Middle / High)	2D + 3DNR (Off / Low / Middle / High)	2D + 3DNR (Off / Low / Middle / High)	-	2D + 3DNR (Off / Low / Middle / High)	2D+3DNR (Off / Low / Middle / High)
De-Fog	Off / On	Off / On	Off / On	Off / On	Off / On	Off / On
ENVIRONMENTAL						
Outdoor Ready	-	-	IP66	IP66	IP66	IP66
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) (Humidity : 0% ~ 90%)	-10°C ~ +50°C (+14°F ~ +122°F) (Humidity : 0% ~ 90%)	-10°C ~ +50°C (+14°F ~ +122°F) (Humidity : 0% ~ 90%)	-10°C ~ +55°C(14°F ~ +131°F) (Humidity : 0% ~ 90%)	-10°C ~ +50°C (+14°F ~ +122°F) (Humidity : 0% ~ 90%)	-30°C ~ +55°C (-22°F ~ +131°F) (Humidity : 0% ~ 95%)
MECHANICAL						
Dimensions (Ø x H)	Ø130mm x 104mm (Ø5.12" x 4.09")	Ø130mm x 101.8mm (Ø5.12" x 4.01")	Ø150.5mm x 98.8mm (Ø5.93" x 3.89")	97.7mm x 62.0mm x 187.7mm (3.85" x 2.4.4" x 7.39")	95mm x 80mm x 265mm (3.75" x 3.15" x 10.43")	Ø234mm x 301mm (Ø9.2" x 11.8")
ELECTRICAL						
Power Source	DC 12V	12VDC, 24VAC	12VDC, 24VAC	DC 12V	12VDC, 24VAC	12VDC / 24VAC (Heater & Fan 24VAC)
Power Consumption	5W	4.8W	4.8W	6W	7.2W	Camera : 12.0W (Heater & Fan 50.0W)

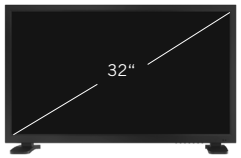
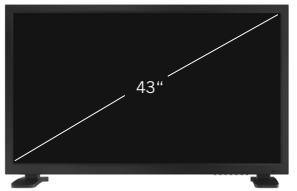
DirectView

Bringing You the Ultimate Surveillance Experience

Cutting-edge video wall monitor for surveillance control room

The IDIS DirectView VW-F551 video wall monitor has been specially designed for use in control rooms with an array of surveillance-oriented features which addresses the needs of security environments. VW-F551 advances video wall technology with the world's narrowest 3.6mm ultra-narrow bezel, which provides a seamless viewing experience with unrivalled image quality. Featuring a 55-inch Full HD S-IPS LCD panel with LED backlight, the VW-F551 also provides exceptional reliability for 24/7 use in a control room with a range of unique innovations that significantly reduces total cost of ownership with lower power consumption, maintenance cost, and a longer lifetime.

SECURITY MONITORS

Model Name	VW-F551	SM-F212	SM-F322	SM-F432
				
INTERFACE				
BNC Video In/Out	1/-	1/1	1/1	1/1
S-Video In/Out	-	-	-	-
Component Y/pb/Pr In	-	-	-	-
S/PIDF Output	-	-	-	-
RS232 In/Out	1/1	-	-	-
USB	-	-	1	1
GENERAL				
Outline Dimension(WxHXD)	1,213.4mm x 684.2mm x 86mm (47.77" x 26.94" x 3.39")	507.0mm x 370.2mm x 149.1mm (19.96" x 14.56" x 5.87")	741.2mm x 472.9mm x 180.0 mm (29.18" x 18.62" x 7.09")	985.0mm x 614.77mm x 180.0 mm (38.78" x 24.20" x 7.09")
Bezel width (Spec. for VideoWall)	3.6mm (Bezel to Bezel)	-	-	-
Net Weight/Gross Weight	24Kg (52.91lb) / 26.5Kg (58.42lb)	3.8Kg (8.38lb) / 4.8Kg (10.58lb)	12.5Kg (27.56lb) / 15.6Kg (34.4lb)	15.6Kg (34.4lb) / 19.5Kg (42.99lb)
Material/Color	Metal / Black	Plastic / Black	Metal / Black	Metal / Black
Warranty-Parts/Labor	3 Year / 3 Year	3 Year / 3 Year	3 Year / 3 Year	3 Year / 3 Year
MTBF	60,000 Hours	50,000 Hours (Panel)	50,000 Hours (Panel)	50,000 Hours (Panel)
Power Supply	AC110~127V (50/60Hz), 220~240V (50/60Hz)	DC 12V, 3A (AC100~240V[50/60Hz])	AC100~240V (50/60Hz)	AC100~240V (50/60Hz)
Power Consumption - Typical	240W	25.2W	50W	67W
- Stand by	<0.5W	<0.5W	<0.5W	<0.5W
Power Savings(DPMS)	Yes	Yes	Yes	Yes
Operating Temperature	5°~35°C (41°F~95°F)	0°~40°C (32°F~104°F)	-10°~50°C (14°F~122°F)	-10°~50°C (14°F~122°F)
Storange Temperature	0°~40°C (32°F~104°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 (3W x 2)	Yes (5W x 2)	Yes(5W x 2)
Remote Control	Yes	Yes	Yes	Yes
VESA Mount Size	600mm x 400mm / M8 x 4 Screws	100mm x 100mm / M4 x 6 Screws	200mm x 200mm / M6 x 10 Screws	300mm x 300mm / M6 x 10 Screws
OPTIONS				
Android Board	-	-	-	-
OPS	-	-	-	-
EXTERNAL CONTROLS				
IR Sensor (For Remote Control)	Built-in	Built-In	Built-In	Built-In
Serial In / Out	RS232-C Daisy Chain	-	-	-
USB	For Firmware Update	-	For Firmware Update	For Firmware Update

NETWORK ACCESSORIES

Model Name	Network Keyboard	Long Reach PoE Extender
	NK-1200	DA-LP1101R / DA-LP1101T
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 equipments using UTP cabling · Plug-and-play without any required PC setting · Supports 1Gbps / IEEE802.3at for PoE Injector · Supports 1Gbps / IEEE802.3at / 100m for PoE Repeater

Model Name	Ethernet Over Coax Device	Single Port PoE Injector	Single Port PoE Repeater	SFP Module	
	DA-EC3101R / DA-EC3101T	DA-PI2101	DA-PR1101	FTLF1318P-3BTL	FTLF8519P-3BNL
Key Features	· 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	· 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	FTLF1318P3BTL · 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	FTLF8519P3BNL · Up to 500m on 50/125μm MMF, 300m on 62.5/125μm MMF · Up to 2.125 Gb/s bi-directional data links · Hot-pluggable SFP footprint · 850nm Oxide VCSEL laser transmitter · Compatibility with DH series and DA-MC1101

Model Name	DirectIP PoE Switch		DirectIP Gigabit PoE Switch	
	DH-2010P	DH-2018P	DH-2212PF	DH-2328PF
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 10 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 RJ45 ports	· Indivisual port for data transmission to DirectIP NVR · PoE (IEEE 802.3af, IEEE 802.3at) compliant · Maximum per-device PoE delivery of 140W available for 1to 8 RJ45 ports · Central power control for greater network utility · Supports 10 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 1~24 RJ45 ports · Central power control for greater network utility · Supports 24 RJ45 ports and 4 SFP slots

Model Name	Encoder	HDMI/VGA Video Encoder
	DE-1108	HE-1101
Video Compression	H.264 (MP), M-JPEG	H.265, H.264, M-JPEG, Intelligent Codec
Video Input	8 BNC Composite	1 HDMI, 1 VGA
Max. Video Resolution	D1 : 720 x 480 / 720 x 576 (NTSC / PAL) 960H : 960 x 480 / 960 x 576 (NTSC / PAL)	1920 x 1080
Frame Rate	30ips @ 960H per Channel	30ips @ 1920 x 1080
Multi Streaming Video	Quadruple Stream	Quadruple Stream
Max. Network Throughput	64Mbps	10Mbps
Audio In / Out	4 RCA / -	1 (3.5mm)
PTZ Support	Yes (RS485)	-
Trigger Events	Motion Detection, Video Loss, Tampering	-
PoE (Class)	Yes (IEEE 802.3af Class 3)	Yes (IEEE 802.3af Class 3)
Power Source	12VDC, PoE	12VDC, PoE
Power Consumption	12V =, 1.0A, 12W PoE, IEEE 802.3af (Class 3)	12V =, 0.46A, 5.52W PoE, IEEE 802.3af (Class 3)
Approvals	FCC, CE, KC	FCC, CE, KC

Model Name	Decoder
	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, VGA : 3840 x 2160, 2560 x 1440, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200, 720 x 576, 420 x 480 CVBS : 640 x 480
Diplay Speed	Up to 480ips
Max. Network Throughput	50Mbps
Newtork Connection	Gigabit Ethernet x 1
PoE (Class)	Yes (IEEE 802.3af Class 0)
Power Source	12VDC, PoE
Power Consumption	12V =, 1.03A, 12.7W PoE, IEEE 802.3af (Class 3)
Approvals	FCC, CE, KC

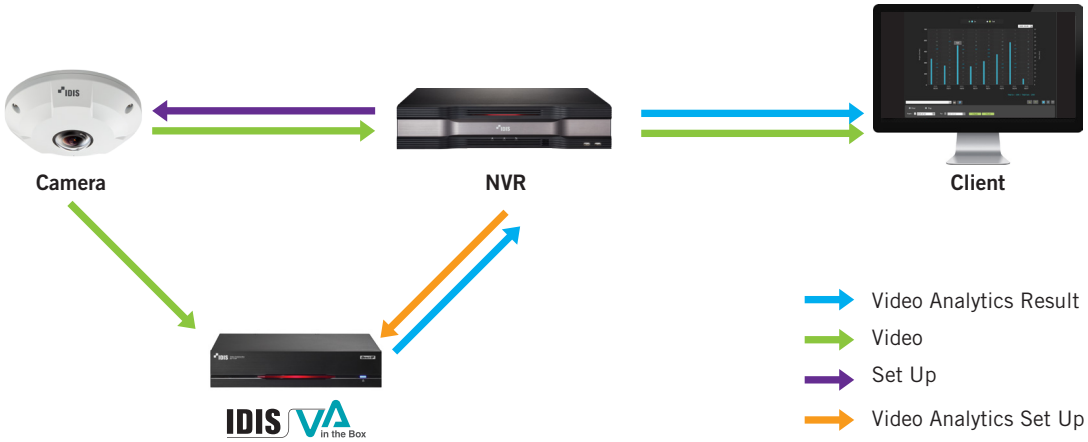
Model Name	Alarm Box
	AL-1112
Alarm Input	8 Digital-Input Dry contact, Wet contact High : Open or DC 5V ~ DC 30V Low : Short or DC 0V ~ DC 1.8V
Alarm Output	4 Relay-out NC, NO, COMMON
Power Output	12VDC (300mA), 5VDC (400mA)
Ethernet	10/100Mbps
DirectIP Supported	Yes
USB	Yes (Spare)
Dimension (W x H x D)	200mm x 44mm x 153mm (7.9" x 1.7" x 6.0")
Unit Weight	0.77kg (1.7lb)
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) *Starting up at above 0°C (32°F)
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

Model Name	4 Bay eSATA Storage
	DA-ES1104 (compatible to H.264 NVR) DA-ES1104B (compatible to H.265 NVR) DA-ES1104C (compatible to IR-100, IR-300 only)
Interface	eSATA x 1
Number of Drives	SATA II x 4
Drive Size	3.5"
Drive Type	SATA II
Type and Rate	SATA II (3Gbps)
RAID	0, 1 + 0, 5
Max Drive Capacity	24TB (up to 6TB per bay)
Dimensions (W x H x D)	480mm x 44mm x 346mm (18.9" x 1.7" x 13.6") Rack Mountable
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

IDIS VA in the Box™

IDIS VA in the Box is one of the most powerful tools available for making businesses more competitive, giving you access to the information needed to make the best decisions possible. The data generated by the People Counting, Queue Management, Heatmaps and Analytic Reports functions gives you a chance to learn more about your customers, their behaviors, and their needs and demands.

Model Name	VA in the Box DV-1104
Key Features	· Specialised in DirectIP NVR · Supports People Counting · Supports Queue Management · Supports 4ch IP Camera · Supports Heatmaps
DECODER	
Video Compression	H.265, H.264
Video Inputs	4ch IP
Supported Devices	DR-6308P, DR-6316PS, DR-6332PS, DR-8364 DR-8364D, DR-2304P, DR-2308P, DR-2316P, DR-8416, DR-8432, DR-8432D
Max. Network Throughput	20Mbps
Newtork Connection	Gigabit Ethernet x 1
VA Support	People Counting Heat maps Queue Management (Max. 3 queues)
GENERAL	
Dimension (W x H x D)	200mm x 44mm x 153mm (7.9" x 1.7" x 6.0")
Unit Weight	0.74kg (1.6lb)
Operating Temperature	0°C to 40°C (32°F ~ 104°F)
Shipping Weight	1.22kg
PoE(class)	Yes (IEEE 802.3af Class 3)
Power source	12VDC, PoE
Power Consumption	6.6W
Approvals	FCC, CE, KC



Analytic Reports

Reports and graphs

Report with graphs and thumbnails by setting a time period. Periodical analysis for each feature is available through the VMS "VA report" tab. You can check hourly/daily/weekly/monthly data in detail by simply entering a date and time. The data from the People Counting, Queue Management, and Heatmaps functions can be reviewed individually or collectively.

People Counting
Count, Track and Analyze

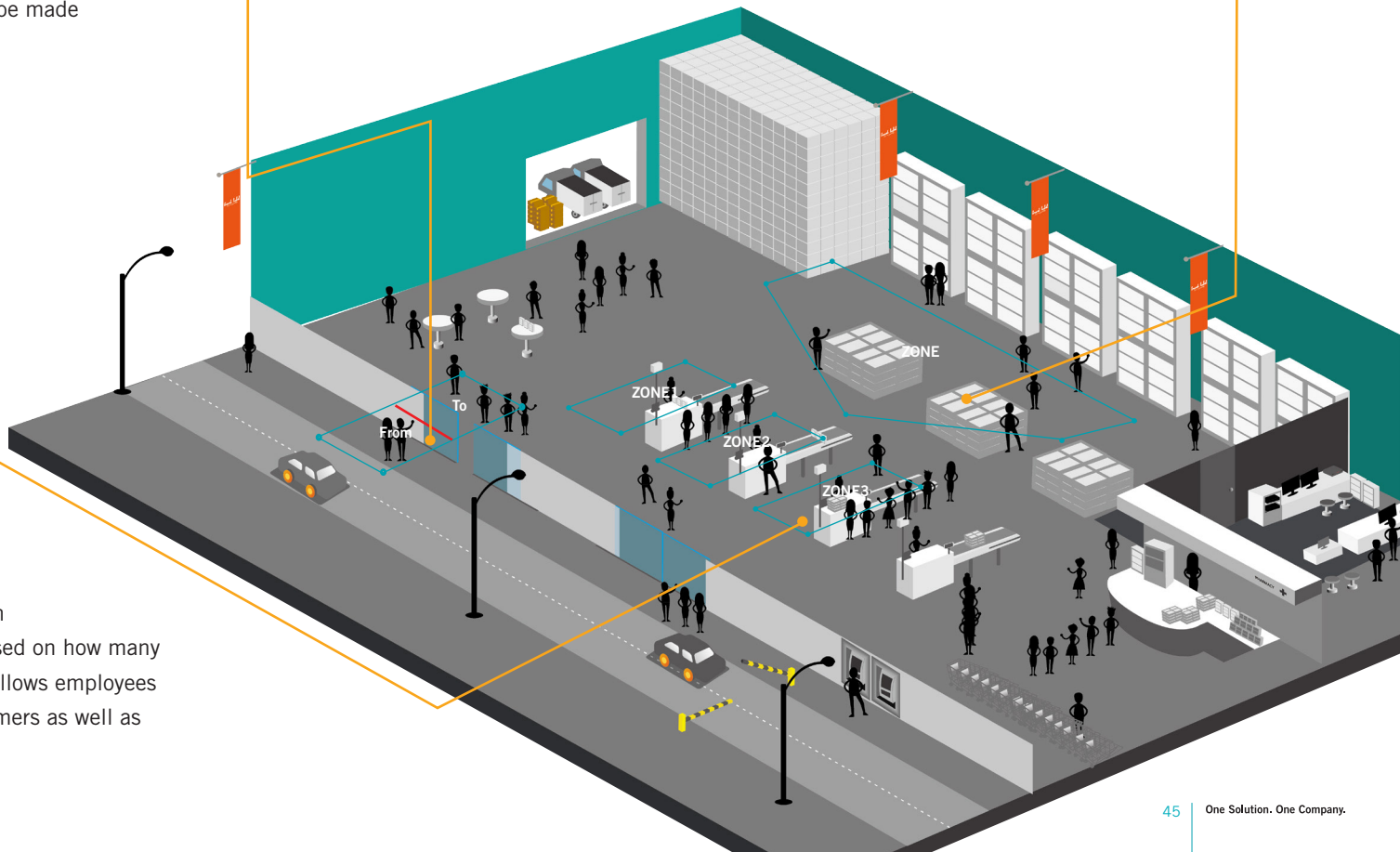
Know exactly how many people come and go. You can find the difference between the estimated and actual floating population. The management and administration through People Counting is essential for places requiring high-level security, such as an airport. Expected number of visitors can be predicted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

Queue Management
Line Management and Analysis

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

Heat Maps
Visualize visitor footfall and Behavior

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



IDIS ANPR

Limitations of Current ANPR

Imaging software and surveillance equipment have developed dramatically in recent years. However, mainstream ANPR systems have lagged behind, remaining largely dependent on technologies that haven't kept pace with recent advances in imaging and computing science. As a result, they fall short of current requirements for reliable quality, high performance and ease of use. What's more, customers typically find themselves locked into inflexible legacy systems that need constant reconfiguration, adding to the strain on operational resources.

Ground breaking accuracy
combined with
plug-and-play functionality

Introducing Next Generation ANPR from IDIS

IDIS have teamed up with 4Sight Imaging, an expert advanced imaging science technology company, to transform automated number plate recognition (ANPR) surveillance monitoring.
By coupling a high performance, specialist IDIS 2MP ANPR camera with 4Sight image analysis software, IDIS offers a simple, fast deployment, a radically improved user experience, measurable savings and multiple performance benefits compared to traditional ANPR technologies.
This is further demonstrated by this leading image analysis technology proving ten times more accurate in independent comparative testing.

The New Gold Standard

The IDIS ANPR solution utilizes patented plug-and-play technology to eliminate common ANPR challenges, complexity and need for ongoing maintenance. Utilizing the next generation IDIS camera and advanced image analysis, delivers world-class accuracy over a wide range of operating conditions to enhance security and surveillance, drive operational efficiencies and improve profitability. IDIS ANPR is powered by self-configuring adaptive appearance modelling technologies to ensure extremely high performance and reliability. Open architecture principles ensure seamless compatibility with computing architectures and with all IDIS solutions and products to establish a new gold standard in ANPR performance.

Key Features

- Excellent reliability and industry-leading levels of accuracy in all conditions
- True multi-lane capability with no overlaps from one camera
- Wide field of view, superior image quality and high performance accuracy
- Plug-and-play simplicity to maximize ease of deployment
- Greater flexibility in camera and equipment positioning
- Reduced complexity to enable easy operation and maintenance by non-experts
- Seamless integration will all IDIS surveillance platforms
- Future-proof technology offering forward compatibility with future generation IDIS cameras as well as system architectures and processing power

Key Benefits

IDIS ANPR delivers a variety of tangible benefits including:

- Significant cost reductions and low cost of ownership
- Enhanced safety and security
- Improved surveillance with high quality evidential images
- Operational efficiencies via automation of manual tasks
- Increased profitability from commercial operations
- Improved reporting and compliance
- Rapid return on investment

Ordering Information

IDIS Model#	Description
IDIS ANPR 4M	4m FOV ANPR
IDIS ANPR 8M	8m FOV ANPR

Model Name	2MP IR Bullet Camera for ANPR DC-T1244WR
Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Lens Type	Motorized Vari-focal
Focal Length	f=9 - 22mm
Aperture	F1.5 - 2.8
Iris Control	DC Auto Iris
Angular Field of View	Wide : 35.7° (H), 19.4° (V), 41.2° (D) Tele : 14.9° (H), 8.3° (V), 17° (D)
Min. Illumination	Color : 0.5 Lux @ F1.5 B/W : 0 Lux (IR LED On)
Dynamic Range	74.7 dB
Day and Night	IR cut filter with auto switch
IR Distance (LEDs)	50 m / 164 ft (40ea)
Image Stabilizer	-
De-fog	-
Video Out	1 BNC
Video Compression	H.264 (MP), M-JPEG
Intelligent Codec	-
Audio Compression	-
Max. Frame Rate	30ips : 1920 x 1080
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSrec)	Yes (Up to 60MB)
Edge Storage	-
Trigger Event	Motion Detection, Tampering, Trip Zone
Audio In/ Out	-
Alarm In / Out	-
Vandal Proof Casing	IK10
Outdoor Ready	IP66
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) *Starting up at above 0°C (32°F)
Power Source	12VDC
Power Consumption	12V =, 0.8A, 9.6W

NETWORK SOFTWARE

Integrated VMS Solution

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 live video stream.

Recording
The IDIS Solution Suite Recording service module is where video is recorded directly from IP cameras or IP video encoders. This module running on a PC server platform can be configured to utilise a centralized storage solution with a much bigger size, such SAS or iSCSI/SAN. In addition, it allows you to add up to 64 IDIS Solution Suite Recording service modules to your IDIS Solution Suite System.

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

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 address 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 Client

IDIS CENTER

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

IDIS MOBILE

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

IDIS WEB

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

IDIS CAMERA CONFIGURATION TREE

BOX / ZOOM

DA-BH1100
Box Housing

DA-WM1500
Wall Mount

- **DC-B Series** DC-B1101, DC-B1103, DC-B1203, DC-B1203X, DC-B1303, DC-B3303X, DC-B1803
- **DC-Z Series** DC-Z1163, DC-Z1263
- **TC-B Series** TC-B1202

SPEED DOME (2)

DA-CM1300
Ceiling Mount

DA-CM1500
Ceiling Mount

DA-WM1400
Wall Mount

DA-LM1100
Pole Mount

DA-RM1100
Corner Mount

- **DC-S Series** DC-S1283WRX, DC-S3583HRX, DC-S3883HRX

SPEED DOME (1)

DA-BM1100
Adapter Plate

DA-CM1300
Ceiling Mount

DA-CM1500
Ceiling Mount

DA-DH1100
Sun Shield
(DA-BM1100 Included)

DA-WM1400
Wall Mount

DA-LM1100
Pole Mount

DA-RM1100
Corner Mount

- **DC-S Series** DC-S1163WH, DC-S1263WH, DC-S1283WHX, DC-S3283WHX

DOME (1)

DA-WM2150
Wall Mount

- **DC-D Series** DC-D1111, DC-D1212R, DC-D2212R, DC-D3212RX, DC-D3212RX-N
- **TC-D Series** TC-D1212R

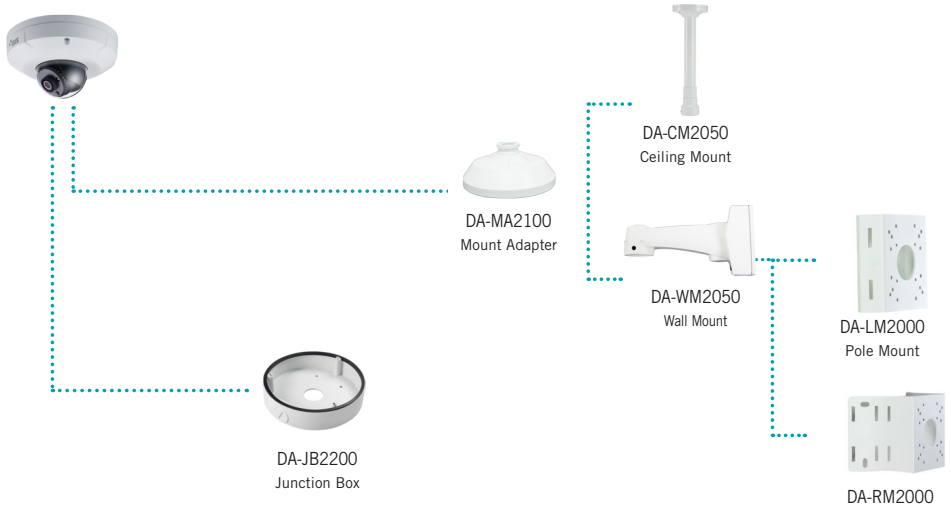
DOME (1-1)

DA-WM2150
Wall Mount

DA-FM1300
Flush Mount

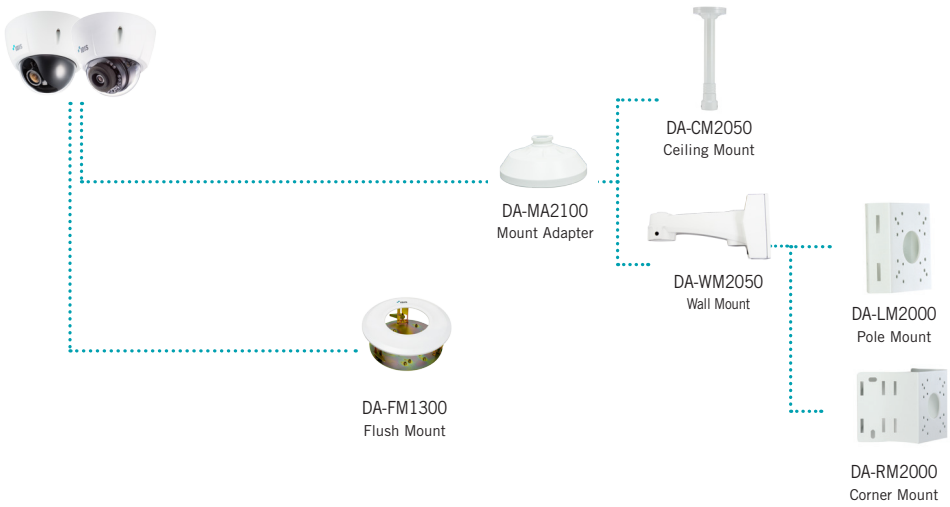
- **DC-D Series** DC-D2233, DC-D2233R
- **TC-D Series** TC-D1222R

DOME (2)



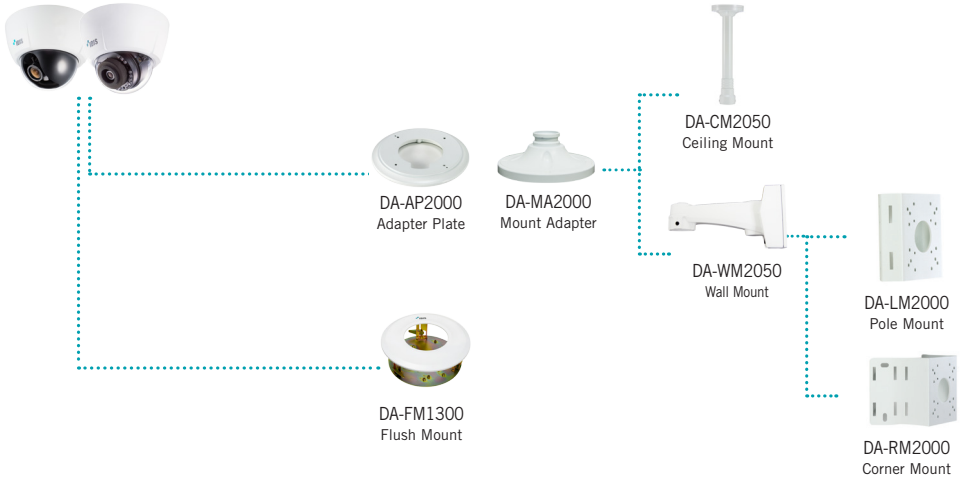
- DC-D Series DC-D2212WR

DOME (4)



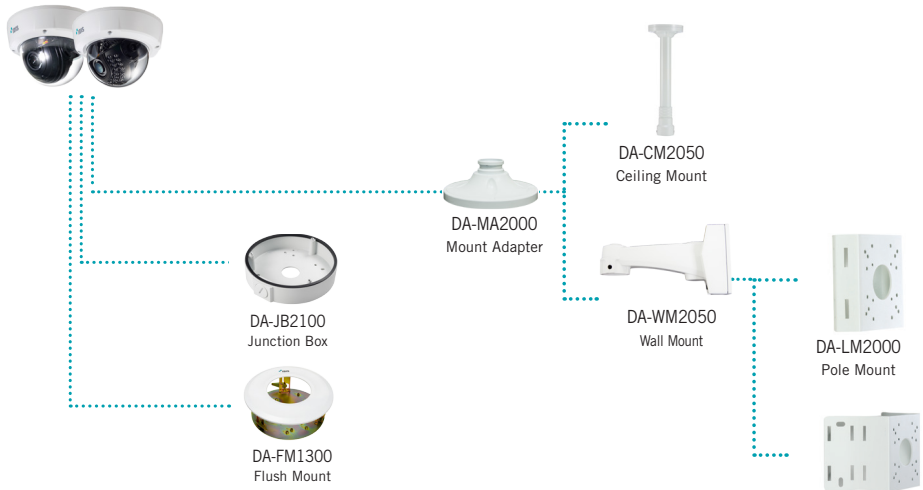
- DC-D Series DC-D1122W, DC-D1122WR, DC-D1123W, DC-D1123WR, DC-D1123WHR, DC-D1223W, DC-D1223WR, DC-D1223WX, DC-D1223WHR, DC-D1323WHR

DOME (3)



- DC-D Series DC-D1122, DC-D1122R, DC-D1123, DC-D1123R, DC-D1223, DC-D1223R, DC-D1323R

DOME (5)

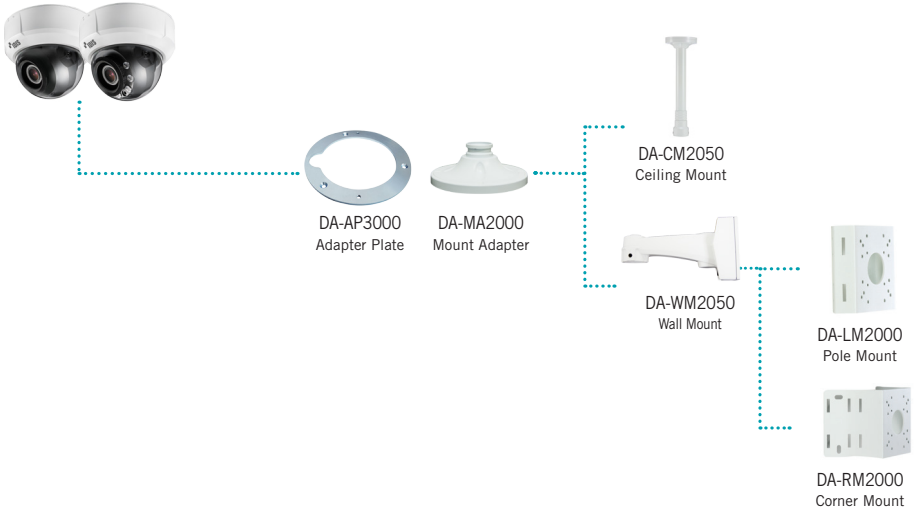


- DC-D Series DC-D2233W, DC-D2233WR, DC-D2233WHR
- TC-D Series TC-D1222WR

DOME (6)

· DC-D Series DC-D2233WHX, DC-D3233X, DC-D3233RX, DC-D3233WRX, DC-D3233HRX, DC-D3533RX

DOME (7)

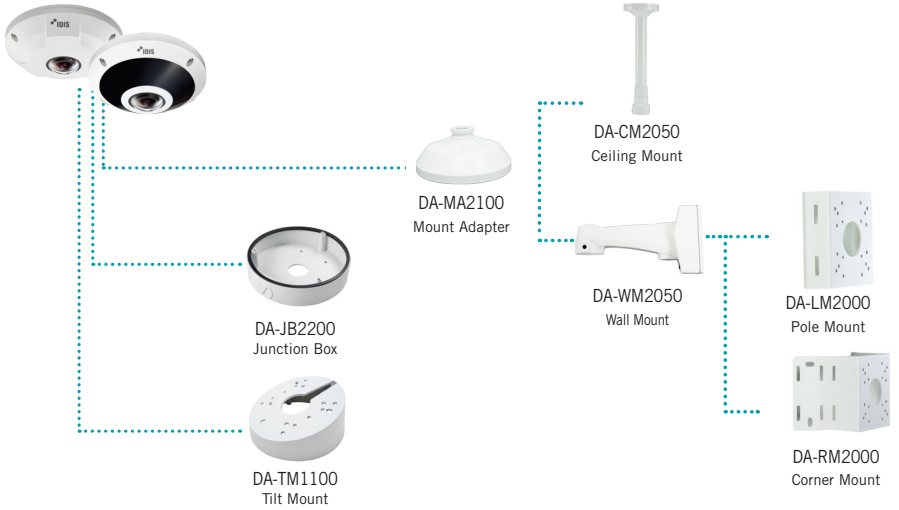


· DC-D Series DC-D3233X-N, DC-D3233RX-N

DOME (8)

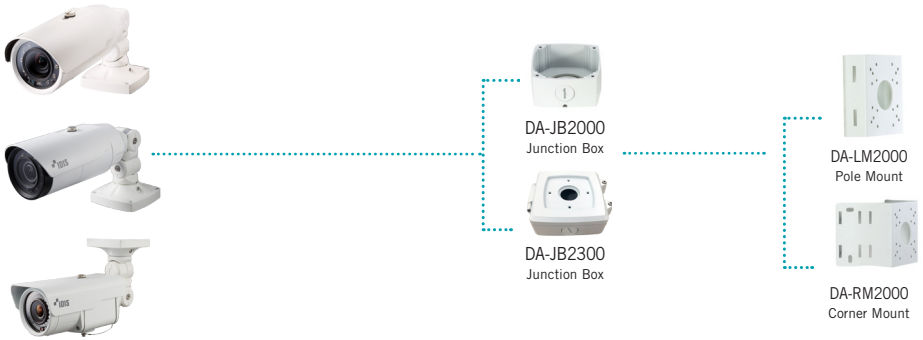
· DC-D Series DC-D3233HRX-N, DC-D3233HRXL, DC-D3243HRX-N, DC-D3533HRX, DC-D3C33HRX

DOME (9)



· DC-Y Series DC-Y1514, DC-Y1514W, DC-Y3C14WRX

BULLET (1)



- DC-T Series DC-T1232WR, DC-T1233WHR, DC-T1233WHX, DC-T1234WR, DC-T3233HRX, DC-T3243HRX, DC-T3234HRX, DC-T3233HRXL, DC-T3533HRX, DC-T1833WHR
- TC-T Series TC-T1222WR

BULLET (2)

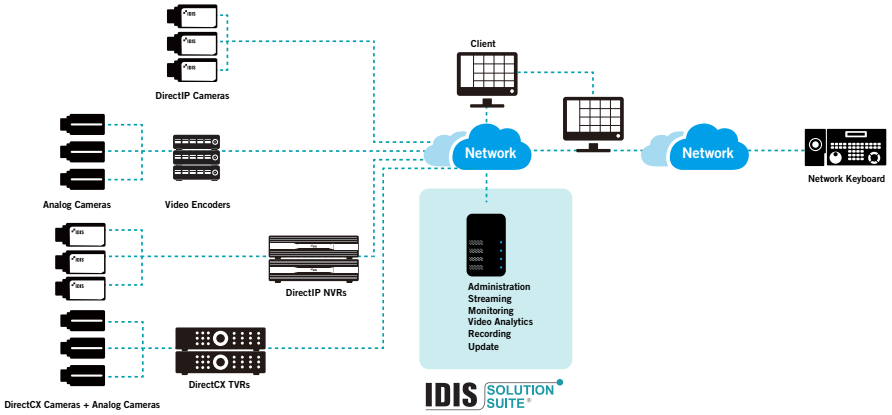
- DC-T Series DC-T3C33HRX

IDIS® One Solution. One Company.

APPLICATIONS

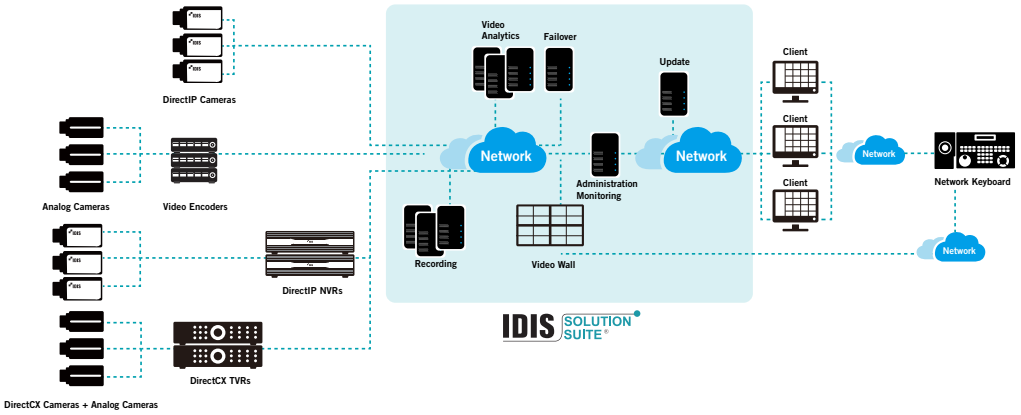
Small Business Installation

- Easy to install
- HD surveillance
- Affordable video solution



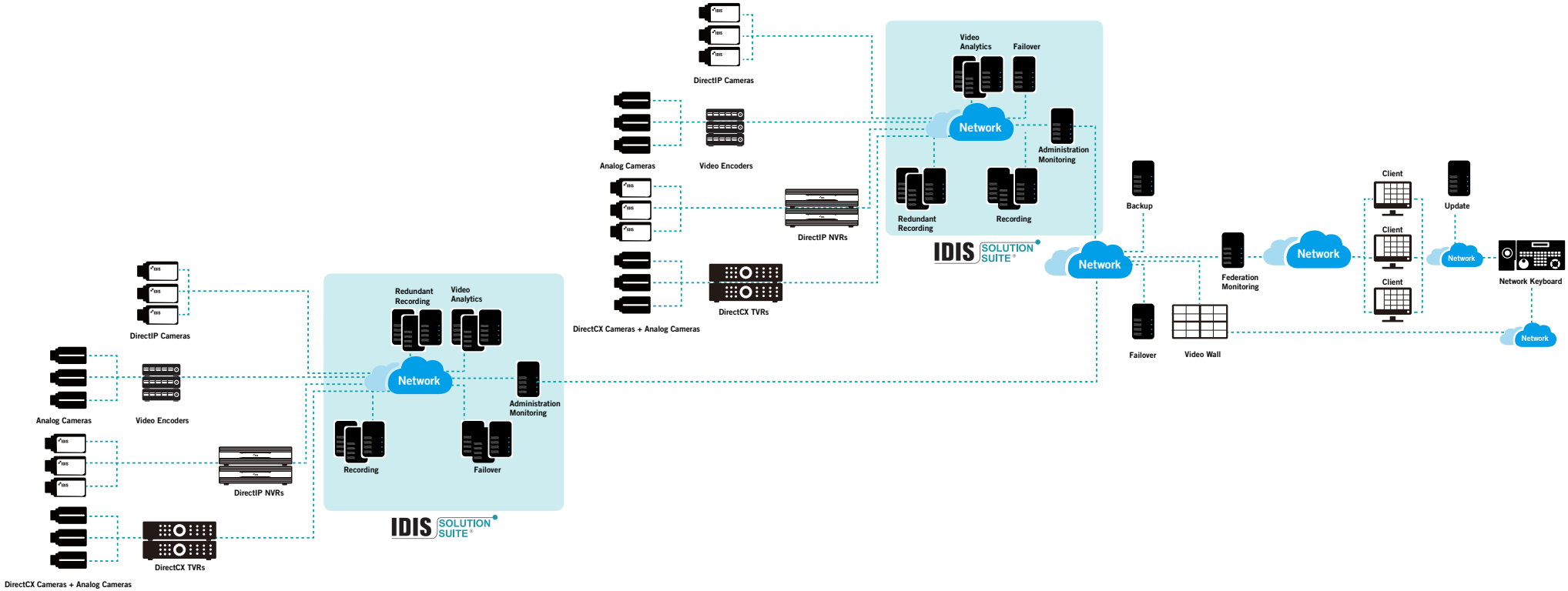
Medium Business Installation

- 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



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