

IDIS One Solution. One Company.



PRODUCT LINEUP BROCHURE

—
NETWORK
VIDEO
RECORDERS

—
NETWORK
CAMERAS

—
NETWORK
ACCESSORIES

—
SOFTWARE
SOLUTIONS

—
HD-TVI
SOLUTION

—
SURVEILLANCE
DISPLAYS



Make Your Surveillance FUTURE PROOF

1

Flexible, scalable,
forward compatible technology

2

High performance,
customized solutions for every need

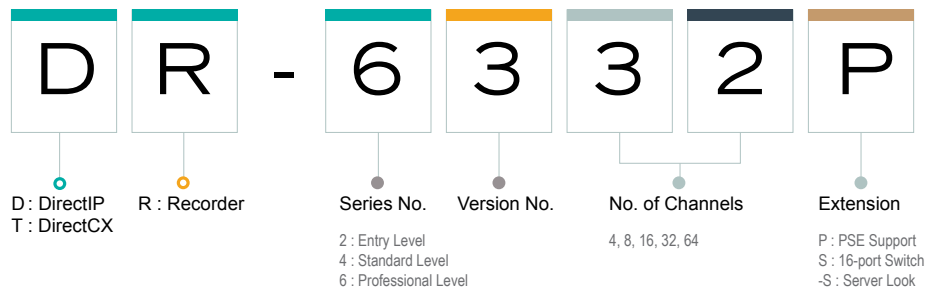
3

Simple legacy migration
and off-the-shelf integration

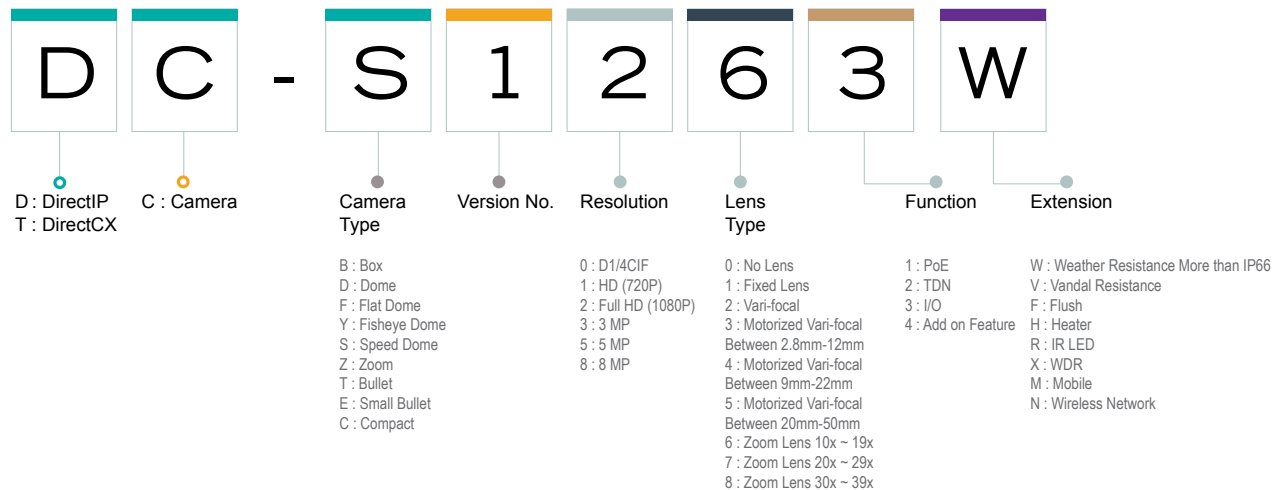
“ IDIS delivers total surveillance solutions combining highest quality, world-class performance, and a low total cost of ownership. Easily scaled and adapted, IDIS meets both current and future requirements. ”

NAMING STRUCTURE

Network Video Recorders





Network Cameras



NETWORK VIDEO RECORDERS

Model Name	DR-2200P Series			DR-4200P Series	
	DR-2204P	DR-2208P	DR-2216P	DR-4208P	DR-4216P
					
VIDEO					
Video Inputs	4 IP Channels	8 IP Channels	16 IP Channels	8 IP Channels	16 IP Channels
Max. Incoming Throughput	84Mbps	116Mbps	116Mbps	170Mbps	230Mbps
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF			DirectIP, AXIS, PANASONIC, ONVIF	
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 240ips	Up to 480ips	Up to 240ips	Up to 480ips
RECORDING					
Max. Throughput	32Mbps, 120ips @ Full HD	64Mbps, 240ips @ Full HD	64Mbps, 480ips @ Full HD	80Mbps, 240ips @ Full HD	130Mbps, 480ips @ Full HD
Recording Resolution	Up to 8MP (Depending on IP Camera)			Up to 8MP (Depending on IP Camera)	
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, Thumbnail, Motion, Text-in	
STORAGE					
HDD	SATA x 2, eSATA x 1 (Up to 4TB Capacity for Each Disk)			SATA x 4, eSATA x 2 (Up to 6TB Capacity for Each Disk) RAID 1 Supported	
Total Capacity	36TB = 6TB x (2 + 1 x 4)			72TB = 6TB x (4 (Internal) + 4 x 2 (External))	
NETWORK					
Client Connection	Gigabit Ethernet (Client) x 1			Gigabit Ethernet (Client) x 1	
Video In Connection	Fast Ethernet (IP Camera) x 4	Fast Ethernet (IP Camera) x 8 + Gigabit Ethernet (Ext) x 1	Fast Ethernet (IP Camera) x 8 + Gigabit Ethernet (Ext) x 1	Gigabit Ethernet (IP Camera) x 9	
Transmission Speed	20Mbps / 50Mbps (BRP Mode)			50Mbps / 100Mbps (BRP Mode)	
Camera Power	PoE (IEEE 802.3at Class 4) Supported 4 Ports, 50W	PoE (IEEE 802.3at Class 4) Supported 8 Ports, 50W	PoE (IEEE 802.3at Class 4) Supported 8 Ports, 50W	PoE (IEEE 802.3at Class 4) Supported 8 Ports, 120W	
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite			IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite	
INTERFACE					
Audio In / Out	Local (NVR) : - / 1 RCA + 1 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)	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)
Alarm In / Out	Local (NVR) : 4 / 1 IP Camera : 4 / 4 (Depending on IP Camera)	Local (NVR) : 4 / 1 IP Camera : 8 / 8 (Depending on IP Camera)	Local (NVR) : 4 / 1 IP Camera : 16 / 16 (Depending on IP Camera)	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	-			1	
Serial Interface	RS232 (Terminal Block)			RS232 (Terminal Block), RS485 (Terminal Block)	
USB	USB2.0 x 1, USB 3.0 x 1			USB 2.0 x 2	
GENERAL					
Operating System	Embedded Linux			Embedded Linux	
Power Input	DC 12V 2.1A (for NVR), DC48V 1.08A (for PSE)			AC 100-240V, 50/60Hz, 3.0 - 1.5A	
Power Consumption	Max. 25.2W (for NVR), Max. 52W (for PSE)			Max. 200W (With 4 HDDs)	
Approvals	FCC, CE, KC, PSE			FCC, CE, KC, CB, UL, PSE	

NETWORK VIDEO RECORDERS

Model Name	DR-6200P Series				DR-6300P Series		
	DR-6216P-S	DR-6232P-S	DR-6216PS-S	DR-6232PS-S	DR-6308P-S	DR-6316PS-S	DR-6332PS-S
					 NEW		
VIDEO							
Video Inputs	16 IP Channels	32 IP Channels	16 IP Channels	32 IP Channels	8 IP Channels	16 IP Channels	32 IP Channels
Max. Incoming Throughput	260Mbps	330Mbps	260Mbps	330Mbps	210Mbps	300Mbps	350Mbps
Support Camera	DirectIP, AXIS, PANASONIC, ONVIF				DirectIP, AXIS, PANASONIC, ONVIF		
Video Outputs	1 HDMI, 1 VGA				1 HDMI, 1 VGA		
Display Resolution	1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200				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 480ips	Up to 960ips	Up to 240ips	Up to 480ips	Up to 960ips
RECORDING							
Max. Throughput	160Mbps, 480ips @ Full HD	230Mbps, 960ips @ Full HD	160Mbps, 480ips @ Full HD	230Mbps, 960ips @ Full HD	80Mbps, 240ips @ Full HD, 120ips @ 4K (UHD)	160Mbps, 480ips @ Full HD, 240 ips @ 4K (UHD)	230Mbps, 960ips @ Full HD, 240ips @ 4K (UHD)
Recording Resolution	Up to 8MP (Depending on IP Camera)				Up to 8MP (Depending on IP Camera)		
Recording Mode	Time-lapse, Event, Pre-event, Panic				Time-lapse, Event, Pre-event, Panic		
PLAYBACK							
Performance	4ch Full HD Synchronous 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				Time-lapse, Event Log, Thumbnail, Motion, Text-in		
STORAGE							
HDD	SATA x 6, eSATA x 4 (Up to 6TB Capacity for Each Disk) RAID 1 Supported				SATA x 6, eSATA x 4 (Up to 6TB Capacity for Each Disk) RAID 1 Supported		
Total Capacity	132TB = 6TB x (6 (Internal) + 4 x 4 (External))				132TB = 6TB x (6 (Internal) + 4 x 4 (External))		
NETWORK							
Client Connection	Gigabit Ethernet (Client) x 1				Gigabit Ethernet (Client) x 1		
Video In Connection	Gigabit Ethernet (IP Camera) x 9		Fast Ethernet (IP Camera) x 16 + Gigabit Ethernet (Ext) x 1		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)				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		PoE (IEEE 802.3at Class 4) Supported 8 Ports, 120W ports, 120W	PoE (IEEE 802.3at Class 4) Supported 16 Ports, 120W	
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite				IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite		
INTERFACE							
Audio In / Out	Local (NVR) : 1 RCA / 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)	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)	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 : 16 / 16 (Depending on IP Camera)	Local (NVR) : 4 / 1 IP Camera : 32 / 32 (Depending on IP Camera)	Local (NVR) : 4 / 1 IP Camera : 16 / 16 (Depending on IP Camera)	Local (NVR) : 4 / 1 IP Camera : 32 / 32 (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)	Local (NVR) : 4 / 1 IP Camera : 32 / 32 (Depending on IP Camera)
Alarm Reset In	1				1		
Serial Interface	RS232 (Terminal Block), RS485 (Terminal Block)				RS232 (Terminal Block), RS485 (Terminal Block)		
USB	USB 2.0 x 2				USB 2.0 x 1, USB 3.0 x 1		
GENERAL							
Operating System	Embedded Linux				Embedded Linux		
Power Input	AC 100-240 V, 50/60Hz, 3.0 - 1.5A				AC 100-240 V, 50/60Hz, 3.0 - 1.5A		
Power Consumption	Max. 200W (With 6 HDDs)				Max. 200W (With 6 HDDs)		
Certifications	FCC, CE, CB, UL				FCC, UL, CE, CB, KC		





NETWORK VIDEO RECORDERS



DirectIP™ 8300 Series 64 Channel Full HD Recorder

	DR-8300 Series	
Model Name	DR-8364	DR-8364D
		
VIDEO		
Video Inputs	64 IP Channels	64 IP Channels
Max. Incoming Throughput	900Mbps	900Mbps
Support Camera	DirectIP, AXIS, PANASONIC, ONVIF	DirectIP, AXIS, PANASONIC, ONVIF
Video Outputs	1 HDMI, 1 VGA	1 HDMI, 1 VGA
Display Resolution	3840 x 2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200	3840 x 2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200
Display Speed	Up to 1920ips	Up to 1920ips
RECORDING		
Max. Throughput	400Mbps, 1920ips @ Full HD	400Mbps, 1920ips @ Full HD
Recording Resolution	Up to 8MP (Depending on IP Camera)	Up to 12MP (Depending on IP Camera)
Recording Mode	Time-lapse, Event, Pre-event, Panic	Time-lapse, Event, Pre-event, Panic
PLAYBACK		
Performance	16ch Full HD Synchronous Playback 4ch 4K Playback	16ch Full HD Synchronous Playback 4ch 4K Playback
Search Mode	Time-lapse, Event Log, Thumbnail, Motion, Text-in	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	SATA x 8, eSATA x4, (Up to 6TB Capacity for Each Disk), RAID 1, 5, 10 supported
Total Capacity	144TB = 6TB x (8 (Internal) + 4 x 4 (External))	144TB = 6TB x (8 (Internal) + 4x4 (External))
NETWORK		
Client Connection	Gigabit Ethernet (Client) x 1	Gigabit Ethernet (Client) x 1
Video In Connection	Gigabit Ethernet (Video In) x 3, SFP (Video In) x 2	Gigabit Ethernet (Video In) x 3, SFP (Video In) x 2
Transmission Speed	400Mbps / 500Mbps (BRP Mode)	400Mbps / 500Mbps (BRP Mode)
Camera Power	-	-
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite
INTERFACE		
Audio In / Out	Local (NVR) : 1 RCA / 1 RCA + 1 HDMI IP Camera : 64 / 64 (Depending on IP Camera)	Local (NVR) : 1 RCA / 1 RCA + 1 HDMI IP Camera : 64 / 64 (Depending on IP Camera)
Alarm In / Out	Local (NVR) : 4 / 1 IP Camera : 64 / 64 (Depending on IP Camera)	Local (NVR) : 4 / 1 IP Camera : 64 / 64 (Depending on IP Camera)
Alarm Reset In	1	1
Serial Interface	RS232 (Terminal Block), RS485 (Terminal Block)	RS232 (Terminal Block), RS485 (Terminal Block)
USB	USB 2.0 x 2, USB 3.0 x 1	USB 2.0 x 2, USB 3.0 x 1
GENERAL		
Operating System	Embedded Linux	Embedded Linux
Power Input	AC 100-240 V, 50/60Hz, 2.0 - 1.0A	AC 100-240 V, 50/60Hz, 2.0 - 1.0A (Redundant Power)
Power Consumption	120W (With 8 HDDs)	120W (With 8 HDDs)
Certifications	FCC, UL, CE, CB, KC	FCC, UL, CE, CB, KC

NETWORK CAMERAS







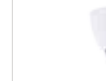

Model Name	Box			
	DC-B1203	DC-B1203X	DC-B1303	DC-B1803
				
Image Sensor	1/2.7" CMOS	1/2.8" CMOS	1/3" CMOS	1/2.3" CMOS
Max. Resolution	1920 x 1080	1920 x 1080	2304 x 1296	3840 x 2160
Lens Type	Optional (C/CS Mount)	Optional (C/CS Mount)	Optional (C/CS Mount)	Optional (C/CS Mount)
Iris Control	DC Auto Iris / Manual Iris	DC Auto Iris / Manual Iris	DC Auto Iris / Manual Iris	P-Iris / DC Auto Iris / Manual Iris
Min. Illumination	Color : 0.08 Lux @ F1.2 B/W : 0.08 Lux @ F1.2	Color : 0.01 Lux @ F1.2 B/W : 0.005 Lux @ F1.2	Color : 0.4 Lux @ F1.4 B/W : 0.01 Lux @ F1.4	Color : 0.4 Lux F1.6 B/W : 0.009 Lux F1.6
Dynamic Range	More than 70 dB	120dB (True WDR)	69.5dB	More than 70 dB
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
Image Stabilizer	-	Yes (DIS)	-	-
Video Out	1 RCA	1 RCA	1 RCA	1 RCA
Video Compression	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG
Max. Frame Rate	30fps : 1920 x 1080	60fps : 1920 x 1080 30fps : 1920 x 1080 (WDR)	15fps : 2304 x 1296 30fps : 1920 x 1080	30fps : 3840 x 2160 60fps : 1920 x 1080
Audio Compression	G.726, G.711	G.726, G.711	G.726, G.711	G.726, G.711
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100/1000 BASE-T)
Edge Storage	micro SD / SDHC	micro SD / SDHC	micro SD / SDHC	micro SD / SDHC / SDXC
Trigger Event	Motion Detection Alarm In Audio Detection Tampering Trip Zone	Motion Detection Face Detection Alarm In Tampering	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	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	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)	-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)
Power Source	12VDC, PoE (IEEE 802.3af Class 2)	12VDC, PoE (IEEE 802.3af Class 2)	12VDC, PoE (IEEE 802.3af Class 2)	12VDC, PoE (IEEE 802.3af Class 3)
Power Consumption	4.8W	4.8W	4.8W	8.4W

IDIS SUPER 4K CAMERA







4K Ultra
HD Box Camera






NETWORK CAMERAS

Model Name	Fixed-focal Dome			Vari-focal Dome				
	DC-D1212R	DC-D2212R	DC-D2212WR	DC-D1223(R)	DC-D1223F(R)	DC-D1223WX	DC-D1323R	DC-D1323WHR
								
Image Sensor	1/2.7" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.8" 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	2304 x 1296	2304 x 1296
Lens Type	Fixed-focal	Fixed-focal	Fixed-focal	Vari-focal	Vari-focal	Vari-focal	Vari-focal	Vari-focal
Focal Length	f=4.0mm	f=4.0mm	f=4.0mm	f=3.3 - 10mm	f=3.3 - 10mm	f=3 - 9mm	f=3.3 - 10mm	f=3.3 - 10mm
Aperture	F2.0	F2.0	F2.0	F1.3 - 2.5	F1.3 - 2.5	F1.2 - 2.3	F1.3 - 2.5	F1.3 - 2.5
Iris Control	Fixed Iris	Fixed Iris	Fixed Iris	DC Auto Iris	DC Auto Iris	DC Auto Iris	DC Auto Iris	DC Auto Iris
Angular Field of View	90.3°(H), 47°(V), 108.4°(D)	84.4°(H), 50.3°(V), 104.6°(D)	84.4°(H), 50.3°(V), 104.6°(D)	Wide : 108.2°(H), 56.2°(V), 129.3°(D) Tele : 35.4°(H), 19.8°(V), 40.5°(D)	Wide : 108.2°(H), 56.2°(V), 129.3°(D) Tele : 35.4°(H), 19.8°(V), 40.5°(D)	Wide : 111.0°(H), 57.8°(V), 133.8°(D) Tele : 35.7°(H), 20.0°(V), 41.0°(D)	Wide : 89.6°(H), 47.9°(V), 105.6°(D) Tele : 30.6°(H), 17.2°(V), 35.1°(D)	Wide : 89.6°(H), 47.9°(V), 105.6°(D) Tele : 30.6°(H), 17.2°(V), 35.1°(D)
Pan / Tilt Range	Pan : -167° ~ 167° Tilt : 0° ~ 75° Rotate : -176° ~ 176°	Pan : -180° ~ 174° Tilt : 0° ~ 65°	Pan : -180° ~ 174° Tilt : 0° ~ 65°	Pan : -167° ~ 167° Tilt : 0° ~ 70° (0° ~ 80° : DC-D1223R) Rotate : -176° ~ 176°	Pan : -167° ~ 167° Tilt : 0° ~ 70° (0° ~ 80° : DC-D1223FR) Rotate : -176° ~ 176°	Pan : -167° ~ 167° Tilt : 0° ~ 70° Rotate : -176° ~ 176°	Pan : -167° ~ 167° Tilt : 0° ~ 80° Rotate : -176° ~ 176°	Pan : -167° ~ 167° Tilt : 0° ~ 80° Rotate : -176° ~ 176°
Min. Illumination	Color : 0.2 Lux @ F2.0 B/W : 0 Lux (IR LED On)	Color : 0.07 Lux @ F2.0 B/W : 0 Lux (IR LED On)	Color : 0.07 Lux @ F2.0 B/W : 0 Lux (IR LED On)	Color : 0.1 Lux @ F1.3 B/W : 0.002 Lux @ F1.3 (0 Lux (IR LED On) : DC-D1223R)	Color : 0.1 Lux @ F1.3 B/W : 0.002 Lux @ F1.3 (0 Lux (IR LED On) : DC-D1223FR)	Color : 0.005 Lux @ F1.2 B/W : 0.0002 Lux @ F1.2	Color : 0.1 Lux @ F1.3 B/W : 0 Lux (IR LED On)	Color : 0.1 Lux @ F1.3 B/W : 0 Lux (IR LED On)
Dynamic Range	More than 70dB	74.7dB	74.7dB	More than 70dB	More than 70dB	120dB (True WDR)	69.5dB	69.5dB
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 Cut Filter with Auto Switch	IR Cut Filter with Auto Switch
IR Distance (LEDs)	33ft (16ea)	49ft (2ea)	49ft (2ea)	- / 66ft (18ea) (DC-D1223R)	- / 66ft (18ea) (DC-D1223FR)	-	66ft (18ea)	66ft (18ea)
Image Stabilizer	-	-	-	-	-	Yes (DIS)	-	-
Video Out	1 Terminal Block	1 BNC (Accessory)	1 BNC (Accessory)	1 Terminal Block	1 Terminal Block	1 Terminal Block	1 Terminal Block	1 Terminal Block
Video Compression	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG
Max. Frame Rate	30fps : 1920 x 1080	30fps : 1920 x 1080	30fps : 1920 x 1080	30fps : 1920 x 1080	30fps : 1920 x 1080	60fps : 1920 x 1080 30fps : 1920 x 1080 (WDR)	15fps : 2304 x 1296 30fps : 1920 x 1080	15fps : 2304 x 1296 30fps : 1920 x 1080
Audio Compression	-	-	-	G.726, G.711	G.726, G.711	G.726, G.711	G.726, G.711	G.726, G.711
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)
Edge Storage	-	micro SD / SDHC	micro SD / SDHC	micro SD / SDHC	micro SD / SDHC	micro SD / SDHC	micro SD / SDHC	micro SD / SDHC
Trigger Event	Motion Detection Tampering Trip Zone	Motion Detection Tampering Trip Zone	Motion Detection Tampering Trip Zone	Motion Detection Alarm In Audio Detection Tampering Trip Zone	Motion Detection Alarm In Audio Detection Tampering Trip Zone	Motion Detection Face Detection Alarm In Tampering	Motion Detection Alarm In Audio Detection Tampering Trip Zone	Motion Detection Alarm In Audio Detection Tampering Trip Zone
Audio In / Out	-	-	-	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea
Alarm In / Out	-	-	-	Input 1ea / Output 1ea	Input 1ea / Output 1ea	Input 1ea / Output 1ea	Input 1ea / Output 1ea	Input 1ea / Output 1ea
Vandal Proof Casing	-	-	IK10	-	-	IK10	-	IK10
Outdoor Ready	-	-	IP66	-	-	IP66	-	IP66, 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)	-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 ~ +50°C (-40°F ~ +122°F) *Starting Up at Above -20°C (-4°F)
Power Source	PoE (IEEE 802.3af Class 2)	12VDC, PoE (IEEE 802.3af Class 2)	12VDC, PoE (IEEE 802.3af Class 2)	12VDC, PoE (IEEE 802.3af Class 2)	12VDC, PoE (IEEE 802.3af Class 2)	12VDC, PoE (IEEE 802.3af Class 2)	12VDC, PoE (IEEE 802.3af Class 2)	12VDC, PoE (IEEE 802.3af Class 2)
Power Consumption	4.8W	3.96W	3.96W	4.8W / 5.6W (DC-D1223R)	4.8W	5.16W	5.6W	4.8W (Heater Off) 19.2W (Heater On / DC 12V Only)

NETWORK CAMERAS

Model Name	Dome					
	DC-D2233	DC-D2233R	DC-D2233W	DC-D2233WR	DC-D2233WHR	DC-D2233WHX
						
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	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=3.3 - 10mm	f=3.3 - 10mm	f=3.3 - 10mm	f=3.3 - 10mm	f=3.3 - 10mm	f=3.3 - 10mm
Aperture	F=1.3 - 2.5	F=1.3 - 2.5	F=1.3 - 2.5	F=1.3 - 2.5	F=1.3 - 2.5	F=1.3 - 2.5
Iris Control	DC Auto Iris	DC Auto Iris	DC Auto Iris	DC Auto Iris	DC Auto Iris	DC Auto Iris
Angular Field of View	Wide : 99.8° (H), 52.2° (V), 118.2° (D) Tele : 33.5° (H), 18.6° (V), 38.3° (D)	Wide : 99.8° (H), 52.2° (V), 118.2° (D) Tele : 33.5° (H), 18.6° (V), 38.3° (D)	Wide : 99.8° (H), 52.2° (V), 118.2° (D) Tele : 33.5° (H), 18.6° (V), 38.3° (D)	Wide : 99.8° (H), 52.2° (V), 118.2° (D) Tele : 33.5° (H), 18.6° (V), 38.3° (D)	Wide : 99.8° (H), 52.2° (V), 118.2° (D) Tele : 33.5° (H), 18.6° (V), 38.3° (D)	Wide : 99.8° (H), 52.2° (V), 118.2° (D) Tele : 33.5° (H), 18.6° (V), 38.3° (D)
Pan / Tilt Range	Pan : -165° ~ 165° Tilt : 7° ~ 90° Rotate : -178° ~ 178°	Pan : -165° ~ 165° Tilt : 7° ~ 90° Rotate : -178° ~ 178°	Pan : -165° ~ 165° Tilt : 7° ~ 90° Rotate : -178° ~ 178°	Pan : -165° ~ 165° Tilt : 7° ~ 90° Rotate : -178° ~ 178°	Pan : -165° ~ 165° Tilt : 7° ~ 90° Rotate : -178° ~ 178°	Pan : -176° ~ 176° Tilt : 0° ~ 66° Rotate : -90° ~ 90°
Min. Illumination	Color : 0.3 Lux @ F1.3 B/W : 0.002 Lux @ F1.3	Color : 0.3 Lux @ F1.3 B/W : 0 Lux (IR LED On)	Color : 0.3 Lux @ F1.3 B/W : 0 Lux (IR LED On)	Color : 0.3 Lux @ F1.3 B/W : 0 Lux (IR LED On)	Color : 0.3 Lux @ F1.3 B/W : 0 Lux (IR LED On)	Color : 0.007 Lux @ F1.3 B/W : 0 Lux (IR LED On)
Dynamic Range	74.7dB	74.7dB	74.7dB	74.7dB	74.7dB	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)	-	66ft (28ea)	-	66ft (28ea)	66ft (28ea)	66ft (28ea)
Image Stabilizer	-	-	-	-	-	Yes (DIS)
Video Out	1 BNC	1 BNC	1 BNC	1 BNC	1 BNC	1 BNC (Accessory)
Video Compression	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG
Max. Frame Rate	30fps : 1920 x 1080	30fps : 1920 x 1080	30fps : 1920 x 1080	30fps : 1920 x 1080	30fps : 1920 x 1080	60fps : 1920 x 1080 30fps : 1920 x 1080 (WDR)
Audio Compression	G.726, G.711	G.726, G.711	G.726, G.711	G.726, G.711	G.726, G.711	G.726, G.711
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100/1000 BASE-T)
Edge Storage	micro SD / SDHC	micro SD / SDHC	micro SD / SDHC	micro SD / SDHC	micro SD / SDHC	micro SD / SDHC
Trigger Event	Motion Detection Alarm In Audio Detection Tampering Trip Zone	Motion Detection Alarm In Audio Detection Tampering Trip Zone	Motion Detection Alarm In Audio Detection Tampering Trip Zone	Motion Detection Alarm In Audio Detection Tampering Trip Zone	Motion Detection Alarm In Audio Detection Tampering Trip Zone	Motion Detection Face Detection Alarm In Tampering
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 Proof Casing	-	-	IK10	IK10	IK10	IK10
Outdoor Ready	-	-	IP66	IP66	IP66, Heater	IP66, 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 ~ +50°C (-40°F ~ +122°F) *Starting Up at Above -20°C (-4°F)	-40°C ~ +50°C (-40°F ~ +122°F) *Starting Up at Above -20°C (-4°F)
Power Source	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)
Power Consumption	3.5W	4.8W	3.5W	4.8W	4.8W (Heater Off) 14.4W (Heater On / DC 12V Only)	7.2W (Heater Off) 19.2W (Heater On / DC 12V Only)








NETWORK CAMERAS

Model Name	Dome		Flat Dome
	DC-D3233RX	DC-D3233WRX	DC-F121 1A
			
Image Sensor	1/3" CMOS	1/3" CMOS	1/2.7" CMOS
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080
Lens Type	Motorized Vari-focal	Motorized Vari-focal	Fixed-focal
Focal Length	f=3.3 - 10mm	f=3.3 - 10mm	f=2.8mm
Aperture	F=1.3 - 2.5	F=1.3 - 2.5	F= 2.2
Iris Control	P-Iris	P-Iris	Fixed Iris
Angular Field of View	Wide : 95.7° (H), 50.6° (V), 114.4° (D) Tele : 31.8° (H), 17.9° (V), 36.5° (D)	Wide : 95.7° (H), 50.6° (V), 114.4° (D) Tele : 31.8° (H), 17.9° (V), 36.5° (D)	118.7° (H), 66.4° (V), 137.0° (D)
Pan / Tilt Range	Pan : -176° ~ 176° Tilt : 0° ~ 66° Rotate : -90° ~ 90°	Pan : -176° ~ 176° Tilt : 0° ~ 66° Rotate : -90° ~ 90°	Pan : -60° ~ 60° Tilt : 0° ~ 80° Rotate : -176° ~ 176°
Min. Illumination	Color : 0.01 Lux @ F1.3 B/W : 0 Lux (IR LED On)	Color : 0.01 Lux @ F1.3 B/W : 0 Lux (IR LED On)	Color : 0.5 Lux @ F2.2 B/W : 0.3 Lux @ F2.2
Dynamic Range	120dB (True WDR)	120dB (True WDR)	More than 70dB
Day and Night	IR Cut Filter with Auto Switch	IR Cut Filter with Auto Switch	Electric Day and Night
IR Distance (LEDs)	66ft (28ea)	66ft (28ea)	-
Image Stabilizer	Yes (DIS)	Yes (DIS)	-
De-fog	Yes	Yes	-
Video Out	1 BNC (Accessory)	1 BNC (Accessory)	1 BNC
Video Compression	H.265, H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG	H.264 (MP), M-JPEG
Max. Frame Rate	60fps : 1920 x 1080 30fps : 1920 x 1080 (WDR)	60fps : 1920 x 1080 30fps : 1920 x 1080 (WDR)	30fps : 1920 x 1080
Audio Compression	G.726, G.711	G.726, G.711	-
Ethernet	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100 BASE-T)
Edge Storage	micro SD / SDHC / SDXC	micro SD / SDHC / SDXC	-
Trigger Event	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	-
Alarm In / Out	Input 1ea / Output 1ea	Input 1ea / Output 1ea	-
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)	-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)
Power Source	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)	PoE (IEEE 802.3af Class 1)
Power Consumption	7.5W	7.5W	3.6W



HD Vandal Resistant IR Dome Camera

NETWORK CAMERAS

Model Name	Bullet						
	DC-E1212WR	DC-E3212WRX	DC-T1233WHR	DC-T1233WHX	DC-T1234WR	DC-T3233HRX	DC-T1833WHR
		 NEW				 NEW	 NEW
Image Sensor	1/2.7" CMOS	1/3" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/3" CMOS	1/2.5" CMOS
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160
Lens Type	Fixed-focal	Fixed-focal	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal	Motorized Vari-focal
Focal Length	f=4.0mm	f=3.3mm	f=3.3 - 10mm	f=3.3 - 10mm	f=3.3 - 10mm	f=3.3 - 10mm	f=3.6 - 9.8mm
Aperture	F=2.0	F=2.0	F1.3 - 2.5	F=1.3 - 2.5	F1.3 - 2.5	F1.3 - 2.5	F=1.6 - 3.2
Iris Control	Fixed Iris	Fixed Iris	DC Auto Iris	DC Auto Iris	DC Auto Iris	P-Iris	P-Iris
Angular Field of View	90.3° (H), 47.0° (V), 108.4° (D)	96.4° (H), 52.3° (V), 113.2° (D) (f=3.3mm) 52.6° (H), 29.1° (V), 60.7° (D) (f=6.0mm)	Wide : 99.8° (H), 52.2° (V), 118.2° (D) Tele : 33.5° (H), 18.6° (V), 38.3° (D)	Wide : 99.8° (H), 52.2° (V), 118.2° (D) Tele : 33.5° (H), 18.6° (V), 38.3° (D)	Wide : 99.8° (H), 52.2° (V), 118.2° (D) Tele : 33.5° (H), 18.6° (V), 38.3° (D)	Wide : 93.9° (H), 50° (V), 111 (D) Tele : 31.8° (H), 17.9° (V), 36.5° (D)	Wide : 103.0° (H), 52.7° (V), 118.0° (D) Tele : 36.6° (H), 19.6° (V), 41.1° (D)
Min. Illumination	Color : 0.2 Lux @ F2.0 B/W : 0 Lux (IR LED On)	Color : 0.006 Lux @ F2.0 B/W : 0 Lux (IR LED On)	Color : 0.1 Lux @ F1.3 B/W : 0 Lux (IR LED On)	Color : 0.002 Lux B/W : 0 Lux (IR LED On)	Color : 0.1 Lux @ F1.3 B/W : 0 Lux (IR LED On)	Color : 0.01 Lux @ F1.3 B/W : 0 Lux (IR LED On)	Color : 0.1 Lux @ F1.6 B/W : 0 Lux (IR LED On)
Dynamic Range	More than 70dB	120dB (True WDR)	74.7dB	120dB (True WDR)	74.7dB	120dB (True WDR)	More than 69dB
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 Cut Filter with Auto Switch
IR Distance (LEDs)	33ft (24ea)	33ft (2ea)	98ft (42ea)	98ft (42ea)	98ft (24ea) / White LED (6ea)	98ft (10ea)	98ft (10ea)
Image Stabilizer	-	Yes (DIS)	-	Yes (DIS)	-	Yes (DIS)	-
De-fog	-	Yes	-	-	-	Yes	-
Video Out	1 BNC	1 BNC	1 BNC	1 BNC	1 BNC	1 BNC	1 BNC
Video Compression	H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG	H.265, H.264 (MP), M-JPEG	H.264 (MP), M-JPEG
Max. Frame Rate	30fps : 1920 x 1080	30fps : 1920 x 1080 (WDR)	30fps : 1920 x 1080	60fps : 1920 x 1080 30fps : 1920 x 1080 (WDR)	30fps : 1920 x 1080	60fps : 1920 x 1080 30fps : 1920 x 1080 (WDR)	30fps : 3840 x 2160 60fps : 1920 x 1080
Audio Compression	-	-	G.726, G.711	G.726, G.711	-	G.726, G.711	G.726, G.711
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100/1000 BASE-T)
Edge Storage	-	-	-	-	-	micro SD / SDHC / SDXC	-
Trigger Event	Motion Detection Tampering Trip Zone	Motion Detection Tampering Trip Zone	Motion Detection Audio Detection Tampering Trip Zone	Motion Detection Alarm In Tampering Face Detection	Motion 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	Line-in 1ea / Line-out 1ea
Alarm In / Out	-	-	Input 1ea / Output 1ea	Input 1ea / Output 1ea	Output 1ea	Input 1ea / Output 1ea	Input 1ea / Output 1ea
Vandal Proof Casing	IK10	IK10	IK10	IK10	IK10	IK10	Yes
Outdoor Ready	IP66	IP66	IP66, Heater	IP66, Heater	IP66	IP66, Heater	IP66, 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)	-40°C ~ +50°C (-40°F ~ +122°F) *Starting Up at Above -20°C (-4°F)	-20°C ~ +50°C (-4°F ~ +122°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 ~ +50°C (-40°F ~ +122°F) *Starting Up at Above -20°C (-4°F)	-40°C ~ +50°C (-40°F ~ +122°F) *Starting Up at Above -20°C (-4°F)
Power Source	PoE (IEEE 802.3af Class 2)	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)	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)
Power Consumption	4.8W	5.24W	9.24W (Heater Off) 17.4W (Heater On / DC 12V Only)	10.8W (Heater Off) 22.8W (Heater On / DC 12V Only)	7.2W	8.64W	13.2W

IDIS Super Fisheye

5 Megapixel
360° Dome Fisheye Camera



Model Name	Fisheye	
	DC-Y1513(W)	DC-Y1514(W)
Image Sensor	1/1.8" CMOS	1/1.8" CMOS
Max. Resolution	2560 x 2048	2560 x 2048
Lens Type	Fixed-focal	Fixed-focal
Focal Length	f=1.45mm	f=1.45mm
Aperture	F2.2	F2.2
Iris Control	Fixed Iris	Fixed Iris
Angular Field of View	180° (H), 180° (V), 180° (D)	180° (H), 180° (V), 180° (D)
Pan / Tilt / Zoom	-	-
Min. Illumination	Color : 0.8 Lux @ F2.2 B/W : 0.003 Lux @ F2.2	Color : 0.8 Lux @ F2.2 B/W : 0.003 Lux @ F2.2
Dynamic Range	More than 70dB (90dB @ Digital WDR)	More than 70dB (90dB @ Digital WDR)
Day and Night	IR Cut Filter with Auto Switch	IR Cut Filter with Auto Switch
IR Distance (LEDs)	-	-
Image Stabilizer	-	-
Viewing Composition	10, 1P, 1P2R, 2P, 4R, 107R	10, 1P, 1P2R, 2P, 4R, 107R
Video Out	-	-
Video Compression	H.264 (MPEG-4 Part 10/AVC), M-JPEG	H.264 (MPEG-4 Part 10/AVC), M-JPEG
Max. Frame Rate	30fps : 2560 x 2048	30fps : 2560 x 2048
Audio Compression	G.726, G.711	G.726, G.711
Ethernet	RJ45 (10/100/1000 BASE-T)	RJ45 (10/100/1000 BASE-T)
Edge Storage	micro SD / SDHC / SDXC	micro SD / SDHC / SDXC
Trigger Event	Motion Detection Alarm In Audio Detection Tampering Trip Zone	Motion Detection Alarm In Audio Detection Tampering Trip Zone
Audio In / Out	Line-in 1ea / Line-out 1ea	Line-in 1ea + Internal Mic 1ea / Line-out 1ea
Alarm In / Out	Input 1ea / Output 1ea	Input 1ea / Output 1ea
Vandal Proof Casing	- / IK10 (W)	- / IK10 (W)
Outdoor Ready	- / IP 66 (W)	- / IP 66 (W)
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)
Power Source	12VDC, PoE (IEEE 802.3af Class 3)	12VDC, PoE (IEEE 802.3af Class 3)
Power Consumption	7.56W	7.56W

IDIS Dual Side Dewarping Solution

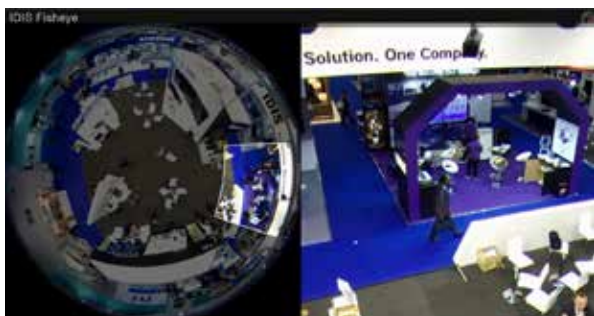
On-board Camera and Client PC / Mobile Devices

Since image dewarping is done either on-board the IDIS Fisheye Camera or via client-side software (including our smartphone application), this enables customers to choose from a wide variety of recording platforms and video management software (VMS) options.



Camera-side Dewarping

Dewarping on-board the camera enables highly efficient storage management, allowing customers to keep costs down by utilizing an NVR-based solution without the need for PC-based dewarping software.



Client-side Dewarping






Client-side dewarping allows for retrospective viewing, enabling operations to go back in time to view the total scene in its original form and then pan, tilt, and/or zoom within the 360° image as desired. This high-performance dewarping also provides the ability for multiple clients to view the same source image from different perspectives, concurrently.




Mobile Device Dewarping



The IDIS mobile application allows users to conveniently access their surveillance system while on the move and view distortion-free dewarped images from anywhere and at any time. This provides an additional level of usability for integrators and end users on the go.

NETWORK CAMERAS

Model Name	Speed Dome				
	DC-S1263WH	DC-S1263F	DC-S1283WHX	DC-S1283FX	DC-S1283WRX
					
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Lens Type	AF Zoom Lens	AF Zoom Lens	AF Zoom Lens	AF Zoom Lens	AF Zoom Lens
Focal Length	f=4.7 - 84.6mm	f=4.7 - 84.6mm	f=4.3 - 129.0mm	f=4.3 - 129.0mm	f=4.3 - 129.0mm
Aperture	F1.6 - 2.8	F1.6 - 2.8	F1.6 - 5.0	F1.6 - 5.0	F1.6 - 5.0
Iris Control	DC Auto Iris	DC Auto Iris	DC Auto Iris	DC Auto Iris	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)	Wide : 61.2° (H), 35.6° (V), 68.9° (D) Tele : 3.6° (H), 2.1° (V), 4.1° (D)	Wide : 65.0° (H), 38.5° (V), 72.9° (D) Tele : 2.3° (H), 1.4° (V), 2.6° (D)	Wide : 65.0° (H), 38.5° (V), 72.9° (D) Tele : 2.3° (H), 1.4° (V), 2.6° (D)	Wide : 65.0° (H), 38.5° (V), 72.9° (D) Tele : 2.3° (H), 1.4° (V), 2.6° (D)
Min. Illumination	Color : 0.05 Lux @ F1.6 B/W : 0.003 Lux @ F1.6	Color : 0.05 Lux @ F1.6 B/W : 0.003 Lux @ F1.6	Color : 0.01 Lux @ F1.6 B/W : 0.0004 Lux @ F1.6	Color : 0.01 Lux @ F1.6 B/W : 0.0004 Lux @ F1.6	Color : 0.0088 Lux @ F1.6 B/W : 0 Lux (IR LED On)
Dynamic Range	74.7dB	74.7dB	120dB (True WDR)	120dB (True WDR)	120dB (True WDR)
IR Distance (LEDs)	-	-	-	-	492ft (13ea)
Image Stabilizer	-	-	Yes (DIS)	Yes (DIS)	Yes (DIS)
Video Out	1 Terminal Block	1 Terminal Block	1 Terminal Block	1 Terminal Block	1 Terminal Block
Video Compression	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG	H.264 (MP), M-JPEG
Max. Frame Rate	30fps : 1920 x 1080	30fps : 1920 x 1080	30fps : 1920 x 1080	30fps : 1920 x 1080	30fps : 1920 x 1080
Audio Compression	G.726, G.711	G.726, G.711	G.726, G.711	G.726, G.711	G.726, G.711
Ethernet	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)	RJ45 (10/100 BASE-T)
Edge Storage	micro SD / SDHC	micro SD / SDHC	micro SD / SDHC	micro SD / SDHC	micro SD / SDHC
Trigger Event	Motion Detection Alarm In Audio Detection Tampering Trip Zone	Motion Detection Alarm In Audio Detection Tampering Trip Zone	Motion Detection Face Detection Alarm In Tampering	Motion Detection Face Detection Alarm In Tampering	Motion Detection Face Detection Alarm In Tampering
Audio In / Out	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea	Line-in 1ea / Line-out 1ea
Alarm In / Out	Input 1ea / Output 1ea	Input 1ea / Output 1ea	Input 1ea / Output 1ea	Input 1ea / Output 1ea	Input 1ea / Output 1ea
Vandal Proof Casing	IK10	-	Yes	-	IK10
Outdoor Ready	IP66, Heater	-	IP66, Heater	-	IP66, Heater
Operating Temperature	-40°C ~ +50°C (-40°F ~ +122°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 ~ +50°C (-40°F ~ +122°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 ~ +50°C (-40°F ~ +122°F) *Starting Up at Above -20°C (-4°F)
Power Source	12VDC, 24VAC PoE (IEEE 802.3af Class 4)	12VDC, 24VAC PoE (IEEE 802.3af Class 3)	12VDC, 24VAC PoE (IEEE 802.3af Class 4)	12VDC, 24VAC PoE (IEEE 802.3af Class 3)	24VAC
Power Consumption	DC12V : Max 35.6W AC24V : Max 27.1W PoE : Max 24.3W (Heater On)	DC12V : Max 10.6W AC24V : Max 11.1W PoE : Max 10.6W	DC12V : Max 27.7W AC24V : Max 26.5W PoE : Max 23.7W (Heater On)	DC12V : Max 10.6W AC24V : Max 11.0W PoE : Max 10.5W	AC24V : Max 58W (Heater On, IR LED On)

Model Name	Zoom
	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 : 0.004 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
Max. Frame Rate	30fps : 1920 x 1080
Audio Compression	G.726, G.711
Ethernet	RJ45 (10/100 BASE-T)
Edge Storage	SD (SDHC)
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)
Power Source	12VDC, 24VAC PoE (IEEE 802.3af Class 0)
Power Consumption	6W

HD-TVI RECORDERS

Model Name	TVR		
	TR-2104	TR-4108	TR-4116
			
VIDEO			
Video Inputs	4 BNC (Analog and HD-TVI)	8 BNC (Analog and HD-TVI)	16 BNC (Analog and HD-TVI)
Supported Camera Types	720P25, 720P30, 1080P25, 1080P30, CVBS (NTSC / PAL)	720P25, 720P30, 1080P25, 1080P30, 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 / 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 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	1920 x 1080, 1280 x 720, 960 x 480, 720 x 480, 960 x 240, 720 x 240, 480 x 240, 360 x 240	
Frame Rate	120ips @ 1080p	240ips @ 1080p	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	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 4TB Capacity for Each Disk)	SATA x 4, eSATA x 1 (Up to 4TB Capacity for Each Disk)	
Data Export Device	USB HDD, USB Stick	USB HDD, USB Stick	
NETWORK			
Client Connection	Gigabit Ethernet x 1	Gigabit Ethernet x 1	
Transmission Speed	30ips @ D1 (NTSC / PAL)	30ips @ D1 (NTSC / PAL)	
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 / 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 x 2	
GENERAL			
Operating System	Embedded Linux	Embedded Linux	
Operating Humidity	0% ~ 90%	0% ~ 90%	
Power Input	DC 12V 1.6A	AC 100-240 V, 50/60Hz, 1.0 - 0.5A	
Power Consumption	19.2W	80W	
Approvals	FCC, CE, KC	FCC, CE, KC, CB, UL, PSE	

Direct CX

HD-TVI SOLUTION

Full HD Surveillance Over Coax







Direct CX

The Most Advanced
HD Analog Over Coax
Solution



HD-TVI CAMERAS

	Box	Dome			IR Bullet	
Model Name	TC-B1202	TC-D1212R	TC-D1222R	TC-D1222WR	TC-E1212WR	TC-T1222WR
						
VIDEO						
Image Sensor	1/2.8" SONY 2Mega Exmor CMOS Sensor	1/2.8" SONY 2Mega Exmor CMOS Sensor	1/2.8" SONY 2Mega Exmor CMOS Sensor	1/2.8" SONY 2Mega Exmor CMOS Sensor	1/2.8" SONY 2Mega Exmor CMOS Sensor	1/2.8" SONY 2Mega Exmor 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	Optional (C/CS Mount)	Fixed-focal	Vari-focal	Vari-focal	Fixed-focal	Vari-focal
Focal Length	-	f=3.6mm	f=2.8mm ~ 12mm	f=2.8mm ~ 12mm	f=3.6mm	f=2.8mm ~ 12mm
Iris Control	DC Auto Iris / Manual Iris	Fixed Iris	DC Auto Iris	DC Auto Iris	Fixed Iris	DC Auto Iris
Angular Field of View	-	92.6° (H), 54.6° (V), 120.0° (D)	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)	92.6° (H), 54.6° (V), 120.0° (D)	Wide : 120.9° (H), 61.4° (V), 149.6° (D) Tele : 37.1° (H), 20.7° (V), 42.7° (D)
Pan / Tilt Range	-	Pan : 0° ~ 340° Tilt : 7° ~ 90°	Pan : 0° ~ 340° Tilt : 7° ~ 90°	Pan : 0° ~ 340° Tilt : 7° ~ 90°	-	-
Min. Illumination	Color : 0.3 Lux @ F1.4 (AGC MAX) B/W : 0.1 Lux @ F1.4 (AGC MAX) 0.001 Lux @ F1.4 (AGC MAX, Sens-up Max)	Color : 0.3 Lux @ F1.2 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 : 0.9 Lux @ F1.8 B/W : 0 Lux (IR LED On)	Color : 0.3 Lux @ F1.4 (AGC MAX) B/W : 0 Lux (IR LED On)
Day and Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	-	33ft (18ea)	98ft (28ea)	98ft (24ea)	33ft (24ea)	131ft (42ea)
Video Out	1 HD BNC, 1 SD BNC	1 HD BNC, 1 SD BNC	1 HD BNC, 1 SD BNC	1 HD BNC, 1 SD BNC	1 HD BNC, 1 SD BNC	1 HD BNC, 1 SD BNC
FUNCTION						
Sens-up	Off / x2 ~ x32	Off / x2 ~ x32	Off / x2 ~ x32	Off / x2 ~ x32	Off / x2 ~ x32	Off / x2 ~ x32
Wide Dynamic Range (WDR)	Off / On (Low, Middle, High / 15 Frame)	Off / On (Low, Middle, High / 15 Frame)	Off / On (Low, Middle, High / 15 Frame)	Off / On (Low, Middle, High / 15 Frame)	Off / On (Low, Middle, High / 15 Frame)	Off / On (Low, Middle, High / 15 Frame)
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	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)
Smart IR (IR Optimizer)	-	0 ~ 15 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	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
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 ~ +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%)
ELECTRICAL						
Power Source	12VDC, 24VAC	DC 12V	12VDC, 24VAC	12VDC, 24VAC	DC 12V	12VDC, 24VAC
Power Consumption	2.64W	4.56W	4.8W	4.8W	6W	7.2W

IDIS HD-TVI Solution
Full HD Surveillance Over Coax



Direct View

Bringing You the Ultimate Surveillance Experience

IDIS offers a complete line of surveillance-grade monitors designed to meet stringent demands from the IP surveillance industry.

Combining our expertise in image processing technology and in-depth understanding of the video surveillance industry, IDIS surveillance monitors provide an array of surveillance-oriented features, which allow for longer lifetime, anti-image sticking, energy savings, and VESA compliances. Our exclusive range of surveillance monitors feature industry-leading ultra high definition (UHD) to Full HD resolution in various sizes.



SM-U841

Built to Run 24/7

IDIS monitors provide superior color reproduction with the reliability and quality to run 24/7.

Ultra Wide Viewing Angles, Super Multi-domain Vertical Alignment

IDIS offers exceptionally wide horizontal and vertical viewing angles. Super clear technology also provides a high contrast ratio and remarkable black levels clearly emit the darkest areas of an image.

Commercial Grade "A" Panels

IDIS surveillance monitors are built with commercial grade "A" panels for superior color reproductions, low defect ratio, etc.

LED Backlight Technology

See a brighter, sharper picture with more vibrant colors. LED backlight technology offers superior benefits compared to CCFL LCDs, in terms of reduced energy consumption, better contrast and brightness, greater color range, a faster response to changes in scene, and exceptionally accurate image rendering.

IDIS 4K UHD LCD Monitors

Maximize desk space in your control room with the ability to view four cameras from a single monitor and maximize the resolution of your megapixel cameras.

The IDIS UHD surveillance monitors are specifically designed for use in a variety of surveillance applications. Featuring industry-leading UHD resolution (3840 x 2160) S-IPS technology with LED backlight, IDIS DirectView monitors produce life-like color and exceptional detail with a 178° viewing angle.



24/7 Operational 50,000 Hour Lifetime

Featuring advanced backlight control, IDIS 4K monitors provide an industry-leading super lifetime of 50,000 hours.



84" 4K UHD Surveillance LCD Monitor

When in a mission critical surveillance control room environment, DirectView UHD surveillance monitors provide operators with extensive visual information and enhanced clarity.



178° True Wide Viewing

DirectView monitors produce crystal clear images from any viewing angle by maintaining high color fidelity, low gamma distortion, and a high contrast ratio.



Eco-friendly, Low Power Consumption

Utilizing the latest LED backlighting technology, the SM-U841 monitor provides exceptional energy efficiency by consuming 30% less power than conventional CCFL monitors.



28" 4K UHD / Quad View



Mode 1

Display 4K (3840 x 2160) Resolution



Mode 2

PBP, PIP Triple / Quad (Each 1080p PIP)

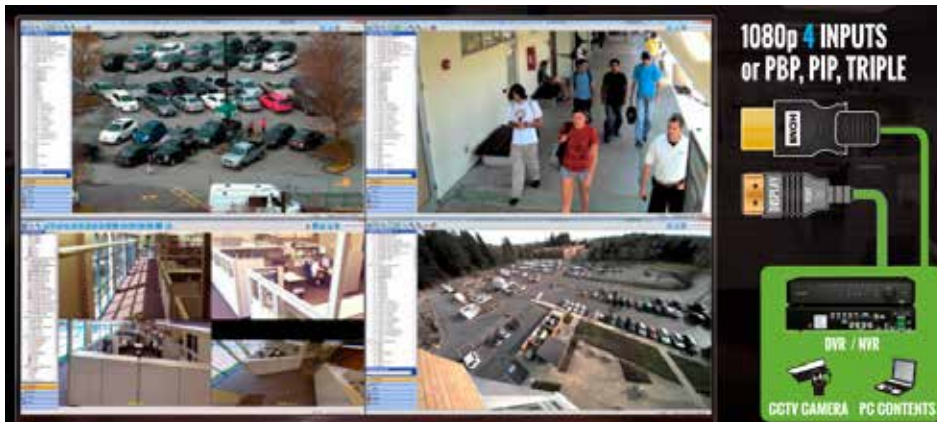
A Professional 4K Security Display and Perfect Digital Signage Solution

The IDIS 4K 28" UHD monitor is perfectly suited for commercial and public safety security environments. It supports Quad Full HD/4K resolution (3840 x 2160px @ 60Hz).



1080p Four Inputs

A display port (4K active loop-through) and HDMI come as standard interfaces.



Vivid Colors + Various Quad Full HD

The IDIS 4K UHD monitor supports 1.07G colors (8-bit + FRC) and Quad Full HD (24/30 Hz, Quad Full HD 50/60 Hz), resulting in exceptionally vivid images.



SURVEILLANCE DISPLAYS

	UHD LCD Monitor		Full HD UNB Video Wall Monitor
	SM-U841	SM-U281	VW-F551
Model Name			
PANEL			
Screen Size	84 Inch	28 Inch	55 Inch
Active Display Area	1,860.48mm (H) x 1,046.52mm (V)	648.9mm (H) x 369.3mm (V)	1,209.6mm (H) x 680.4mm (V)
Max. Resolution	UHD (3840 x 2160)	3840 x 2160 @ 60Hz	Full HD (1920 x 1080)
Panel Technology	IPS (In-plane Switching)	WLED Backlight	IPS (In-plane Switching)
Anti-glare	Yes	Yes	Yes
Pixel Pitch	0.4845 mm (H) x 0.4845 mm (V)	0.16mm (H) x 0.16mm (V)	0.63mm (H) X 0.63mm (V)
Brightness	250 cd/m2	400cd/m ² (Typical)	500 cd/m2
Contrast Ratio	750:1	4000:1	1400:1
Aspect Ratio	16:9	16:9	16:9
Viewing Angle (H/V)	178° / 178°	176° / 176°	178° / 178°
Display Color	1.06 Billion	1.07G (8-bit + FRC)	1.06 Billion
Response Time	8ms	< 9.5ms	12ms
Refresh Rate	120Hz	60Hz	60Hz
INTERFACE			
HDMI In	2 (HDMI 1.4)	4	1
Display Port	1 (1.1a Ver.)	1	1 (1.1a Ver.) Input / 1 (1.1a Ver.) Output
VGA In	1	1	1
DVI In	1	No	1
Audio Input	1 (3.5 Stereo Jack)	1	-
Audio Output	1 (3.5 Stereo Jack)	1	-
BNC Video In	-	No	1
BNC Video out	-	No	-
S-Video In / Out	-	No	-
COMPONENT Y/Pb/Pr IN	-	No	-
RS232	1	No	1
GENERAL			
Outline Dimensions (W x H x D)	1,910mm x 1,102mm x 90.5mm (75.2" x 43.3" x 3.5")	663.0mm x 462.0mm x 48.0mm (Stand : 230mm) (26.10" x 18.19" x 1.89")	1,213.4mm x 684.2mm x 86mm (47.7" x 26.9" x 3.3")
Bezel	-	-	3.6mm (Bezel-to-Bezel)
Net Weight	68kg (150lb)	5kg (11.02lb)	24kg (52.9lb)
Material / Color	Metal / Black	Metal / Black	Metal / Black
Warranty - Parts / Labor	3 Year / 3 Year	3 Year / 2 Year	3 Year / 3 Year
MTBF	50,000 Hours	50,000 Hours / Panel (40,000 Hours)	60,000 Hours
Power Supply	AC 100 ~ 240V 50/60Hz	AC100~240V (50/60Hz)	AC 110 ~ 127V 50/60Hz, 220 ~ 240 50/60Hz
Power Consumption	500W	110W	240W
Power Savings (DPMS)	Yes	Yes	Yes
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)	30°C ~ 35°C (32°F ~ 95°F)	5°C ~ 35°C (41°F ~ 95°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	0°C ~ 40°C (32°F ~ 104°F)
Built-in Speakers	Yes (10W x 2)	Yes (2W x 2)	-
Remote Control	Yes	Yes	Yes
VESA Mount Size	600mm x 600mm / M8 Screw	200mm x 200mm / 4 x (M6 x 8) Screws	600mm x 400mm / M8 Screw
EXTERNAL CONTROLS			
IR Sensor (for Remote Control)	Detachable	Built-in	Built-in
Serial In / Out	RS232-C Daisy Chain	No	RS232-C Daisy Chain
USB	For Firmware Update	Yes	For Firmware Update


SURVEILLANCE DISPLAYS




	Full HD LCD Monitors		
	SM-F211	SM-F231	SM-F321
Model Name			
PANEL			
Screen Size	21.5 Inch	23 Inch	32 Inch
Active Display Area	476.64mm (H) x 268.11mm (V)	509.76mm (H) x 286.74mm (V)	698.4mm (H) x 392.85mm (V)
Max. Resolution	1920 x 1080 @ 60Hz	1920 x 1080 @ 60Hz	1920 x 1080 @ 60Hz
Panel Technology	TN LCD Panel	TN LCD Panel	IPS (In-plane Switching)
Anti-glare	Yes	Yes	Yes
Pixel Pitch	0.24825mm (H) x 0.24825mm (V)	0.2655mm (H) x 0.2655mm (V)	0.36375mm (H) x 0.36375mm (V)
Brightness	250cd/m ² (Typical)	250cd/m ² (Typical)	350cd/m ² (Typical)
Contrast Ratio	1000:1	1000:1	3000:1
Aspect Ratio	16:9	16:9	16:9
Viewing Angle (H/V)	170° / 160°	170° / 160°	178° / 178°
Display Color	16.7 Million	16.7 Million	16.7 Million
Response Time	< 5ms	< 5ms	< 6.5ms
Refresh Rate	60Hz	60Hz	60Hz
INTERFACE			
HDMI In	1	1	2
Display Port	No	No	No
VGA In	1	1	1
DVI In	No	No	1
Audio Input	1	1	Component 1 (L) / 1 (R) AV (Composite) 2 (L) / 2 (R)
Audio Output	No	No	1
BNC Video In	1	1	2
BNC Video Out	1	1	2
S-Video In / Out	No	No	1/1
Component Y / Pb / Pr In	No	No	1
RS232	No	No	No
GENERAL			
Outline Dimensions (W x H x D)	515.1mm x 371.1mm x 45.0mm (20.28" x 14.61" x 1.77")	547.9mm x 410.2mm x 62.23mm (21.57" x 16.15" x 2.45")	753.4mm x 485.7mm x 180mm (29.66" x 19.12" x 7.09")
Bezel	-	-	-
Net Weight	3.67kg (8.1lb)	4.56kg (10.05lb)	13kg (28.66lb)
Material / Color	Plastic / Black	Plastic / Black	Metal / Black
Warranty - Parts / Labor	3 Year / 3 Year	3 Year / 3 Year	3 Year / 3 Year
MTBF	50,000 Hours / Panel (30,000 Hours)	50,000 Hours / Panel (30,000 Hours)	50,000 Hours / Panel (30,000 Hours)
Power Supply	DC 12V, 2.1A (AC100 ~ 240V [50/60Hz])	DC12V, 2.0A (AC100 ~ 240V [50/60Hz])	AC100 ~ 240V (50/60Hz)
Power Consumption	25.2W	24W	55W
Power Savings (DPMS)	Yes	Yes	Yes
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4 ~ 140°F)
Built-in Speakers	Yes (2W x 2)	Yes (2W x 2)	Yes (2W x 2)
Remote Control	No	No	Yes
VESA Mount Size	100mm x 100mm / M4 x 10 Screws	100mm x 100mm / M4 x 10 Screws	200mm x 200mm / 4 x (M6 x 8) Screws
EXTERNAL CONTROLS			
IR Sensor (For Remote Control)	No	No	Built-in
Serial In / Out	No	No	No
USB	No	No	No

NETWORK ACCESSORIES



Complete Accessory Lineup


Compliments the IDIS IP Surveillance System

	Network Keyboard
Model Name	NK-1100
	
Key Feature	<ul style="list-style-type: none"> · Makes it possible to install Full HD network cameras using existing coaxial cables · Two-way communication allows use of the product as a transmitter or a receiver · Supports Power Over Ethernet (PoE) (IEEE 802.3af, IEEE 802.3at) · Supports plug-and-play without setting up special IP addresses

	Ethernet Over Coax Transceiver	UTP Exchanger for Ethernet Over Coax Transceiver	Single Port PoE Injector	Single Port PoE Repeater	Gigabit Fiber Optic Media Converter	SFP Module	
Model Name	DA-EC1101R DA-EC1101T	DA-BE1101	DA-PI2101	DA-PR1101	DA-MC1101	FTLF8519P-3BNL	FTLF1318P-3BTL
							
Key Feature	<ul style="list-style-type: none"> · Makes it possible to install Full HD network cameras using existing coaxial cables · Two-way communication allows use of the product as a transmitter or a receiver · Supports PoE (IEEE 802.3af, IEEE802.3at) · Supports plug-and-play without setting up special IP addresses 	<ul style="list-style-type: none"> · Converts coaxial cable to UTP cable connecting to DA-EC1101R/T · Supports PoE function of DA-EC1101R/T · Supports data transfer Up to 800m distance extension of DA-EC1101R/T · Supports plug-and-play without setting up special IP addresses 	<ul style="list-style-type: none"> · Compatible with IEEE 802.3af, IEEE 802.3at · Up to 30W of PoE power feeding on 2-pairs · Supports 10/100/1000 BASE-T lan environment 	<ul style="list-style-type: none"> · Compatible with IEEE 802.3af · A maximum distance of 1,607ft (490m) can be achieved between the NVR and camera via three DA-PR1101 ethernet extenders · PoE switch off function via PoE on/off switch 	<ul style="list-style-type: none"> · DirectIP switch for auto negotiation, Half/Full duplex and LLF, Converter mode · Comply with IEEE 802.e, 802.3u, 802.3ab and 802.3z 	<p>FTLF8519P-3BNL</p> <ul style="list-style-type: none"> · Up to 500m on 50/125µm MMF, 300m on 62.5/125µm MMF · Up to 2.125 Gb/s bi-directional data links <p>FTLF1318P-3BTL</p> <ul style="list-style-type: none"> · Up to 32,808ft (10km) on 9/125µm SMF · Up to 1.25Gb/s bi-directional data links 	

	DirectIP PoE Switch		DirectIP Gigabit	
Model Name	DH-2010P	DH-2018P	DH-2112PF	DH-2128PF
				
Key Feature	<ul style="list-style-type: none"> · DirectIP 10 ports switch with 8 PoE ports · Max. 70W PoE power budget · Power on/off control for each PoE port using DirectIP NVR 	<ul style="list-style-type: none"> · DirectIP 18 ports switch with 16 PoE ports · Max. 140W PoE power budget · Power on/off control for each PoE port using DirectIP NVR 	<ul style="list-style-type: none"> · DirectIP 12 ports switch with 8 PoE ports · Max. 140W PoE power budget · Power on/off control for each PoE port using DirectIP NVR 	<ul style="list-style-type: none"> · DirectIP 28 ports switch with 24 PoE ports · Max. 400W PoE power budget · Power on/off control for each PoE port using DirectIP NVR

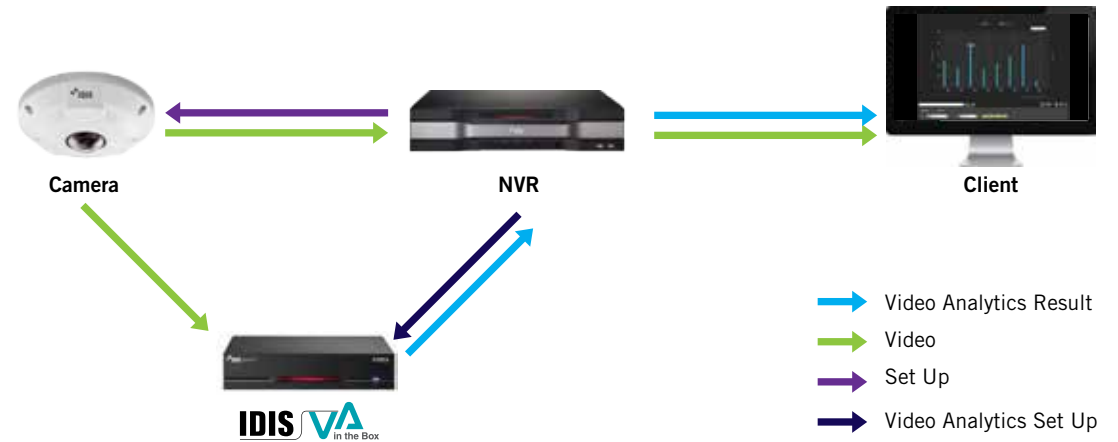
	Encoder	
Model Name	DE-1104	DE-1108
		
Video Compression	H.264	H.264
Video Input	4 BNC Composite	8 BNC Composite
Max. Video Resolution	D1 : 720 x 480 / 720 x 576 (NTSC / PAL) 960H : 960 x 480 / 960 x 576 (NTSC / PAL)	D1 : 720 x 480 / 720 x 576 (NTSC / PAL) 960H : 960 x 480 / 960 x 576 (NTSC / PAL)
Frame Rate	30ips @ 960H per Channel	30ips @ 960H per Channel
Multi Streaming Video	Quadruple Stream	Quadruple Stream
Max. Network Throughput	48Mbps	64Mbps
Audio In / Out	4 RCA / -	4 RCA / -
PTZ Support	Yes (RS485)	Yes (RS485)
Trigger Events	Motion Detection, Video Loss, Tampering	Motion Detection, Video Loss, Tampering
DirectIP Support	Yes	Yes
PoE (Class)	Yes (IEEE 802.3af Class 3)	Yes (IEEE 802.3af Class 3)
Power Source	12VDC, PoE	12VDC, PoE
Power Consumption	10W	10W
Certifications	FCC, CE	FCC, CE

	Decoder
Model Name	DD-1116
	
Video Compression	H.264
Video Input	16ch IP
Supported Devices	DirectIP NVR
Video Outputs	1 HDMI, 1 VGA, 1 CVBS
Display Resolution	HDMI , VGA : 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200 CVBS : 640 x 480
Display Speed	Up to 480ips
Max. Network Throughput	48Mbps
Network Connection	Gigabit Ethernet x 1
PoE (Class)	Yes (IEEE 802.3af Class 0)
Power Source	12VDC, PoE
Power Consumption	8W
Certifications	FCC, CE

	4 Bay eSATA Storage
Model Name	DA-ES1104
	
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. Network Throughput	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")
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	Max. 40W
Certifications	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, Heat Map, and Analytics functions gives you a chance to learn more about your customers, their behaviors, and their needs and demands.



Analysis Reporting Data beyond the surveillance

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 Heat Map functions can be reviewed individually or collectively.



People Counting

Count, track, and analyze shoppers

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.



Heat Map

Visualize visitor footfall and behavior

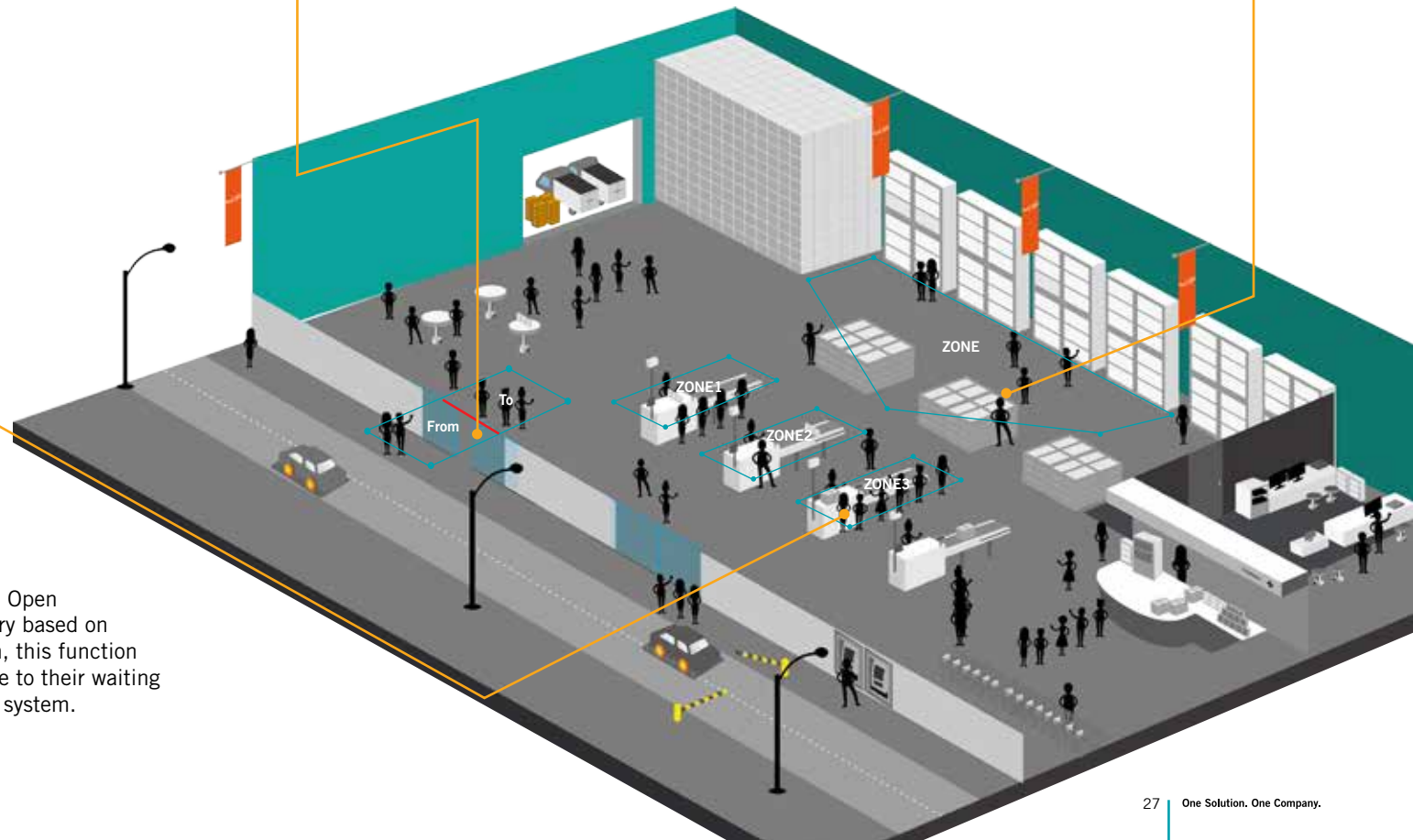
Highlight where people spend time and what they interact with. This is utilized to determine the best location where exposure needs to be maximized, such as new product zones or areas with sluggish sales. It can also be used to select the best locations for advertisements and promotional materials.



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.



IDIS LPR

Ground breaking accuracy
combined with
plug-and-play functionality



Limitations of Current LPR

Imaging software and surveillance equipment have developed dramatically in recent years. However, mainstream LPR 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.

Introducing Next Generation LPR from IDIS

IDIS have teamed up with 4Sight Imaging, an expert advanced imaging science technology company, to transform automated number plate recognition (LPR) surveillance monitoring. By coupling a high performance, specialist IDIS 2MP LPR 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 LPR 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 LPR solution utilises patented plug-and-play technology to eliminate common LPR challenges, complexity and need for ongoing maintenance. Utilising 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 LPR 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 LPR 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 maximise ease of deployment
- Greater flexibility in camera and equipment positioning
- Reduced complexity to enable easy operation and maintenance by non-experts
- Seamless integration with 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 LPR 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

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

IDIS Solution Suite Administration service module defines an IDIS Solution Suite system where all its other service modules are registered to.

IDIS Solution Suite Administration service module allows centralized management of access privileges and centralized device management, such as device FW upgrade, remote device configuration, and configuration of all the other IDIS Solution Suite service modules being used.

Monitoring

IDIS Solution Suite Monitoring service module allows centralized event dispatch services.

IDIS Solution Suite Monitoring service allows 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

IDIS Solution Suite Streaming service module allows Up to 64 remote users to access the live video stream.

Recording

IDIS Solution Suite Recording service module is where video is recorded directly from IP cameras or IP video encoders.

An IDIS Solution Suite Recording service module running on a PC server platform can be configured to utilize a centralized storage solution with a much bigger size, such SAS or iSCSI/SAN.

You can add Up to 64 IDIS Solution Suite Recording service modules to an IDIS Solution Suite System.

Redundant

IDIS Solution Suite Redundant recording module allows users to provide a tandem recording. You can create a redundant video in a different server, which can be located in a remote location. In case your main IDIS Solution Suite recording server is destroyed, your data is protected in a remote location.

Backup

IDIS Solution Suite Backup service module can be used to provide an offline backup of video.

IDIS Solution Suite Backup service allows you to choose a set of cameras to be archived on a pre-programmed schedule. It allows you to archive your video while minimizing the network traffic during your peak hours of operation.

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 IDIS Solution Suite Video Wall service, you can address any camera from DirectIP NVRs, DirectCX TVRs, or DirectIP cameras recorded in IDIS Solution Suite Recording server in a unified way using the network Keyboard, NK-1100.

You can furnish Up to 384 monitors with Video Wall service module.

Federation

IDIS Solution Suite Federation module works in a very similar way as the IDIS Solution Suite Administration service module, and it allows you to create a Federation of multiple IDIS Solution Suite systems.

IDIS Solution Suite Federation service allows the centralized user management access privilege control over devices registered to the multiple IDIS Solution Suite systems.

IDIS Solution Suite Federation 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 have Up to 64,000 cameras, and IDIS Solution Suite Federation allows multiples of these systems.

Failover

IDIS Solution Suite Failover service modules provide service grade redundancy. You can provide Failover services 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 go back 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.

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-Series : DC-S1283WRX

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-Series : DC-S1163WH, DC-S1263WH, DC-S1283WHX

DOME (1)



DA-WM2150
Wall Mount

- DC-D Series : DC-D1111, DC-D1212R, DC-D2212R, DC-D3212RX
- TC-D Series : TC-D1212R

DOME (1-1)



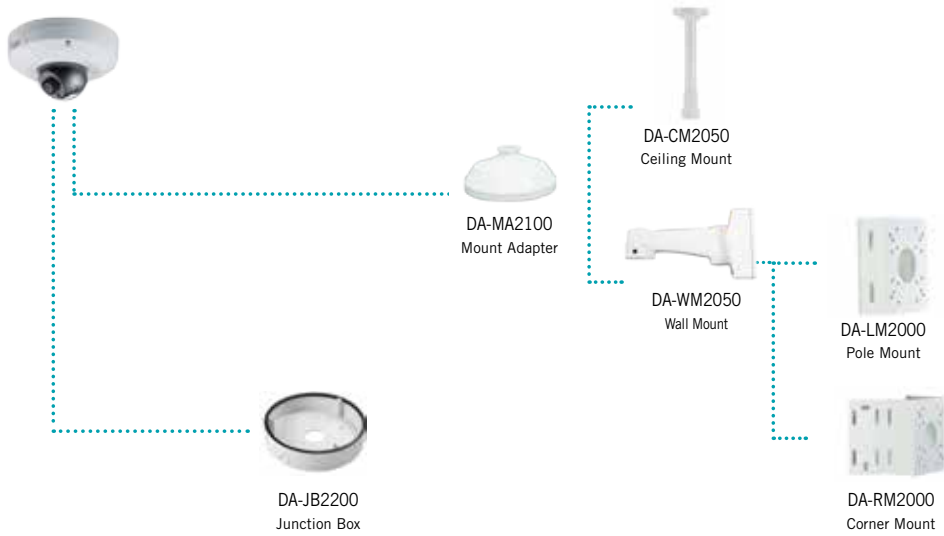
DA-WM2150
Wall Mount



DA-FM1300
Flush Mount

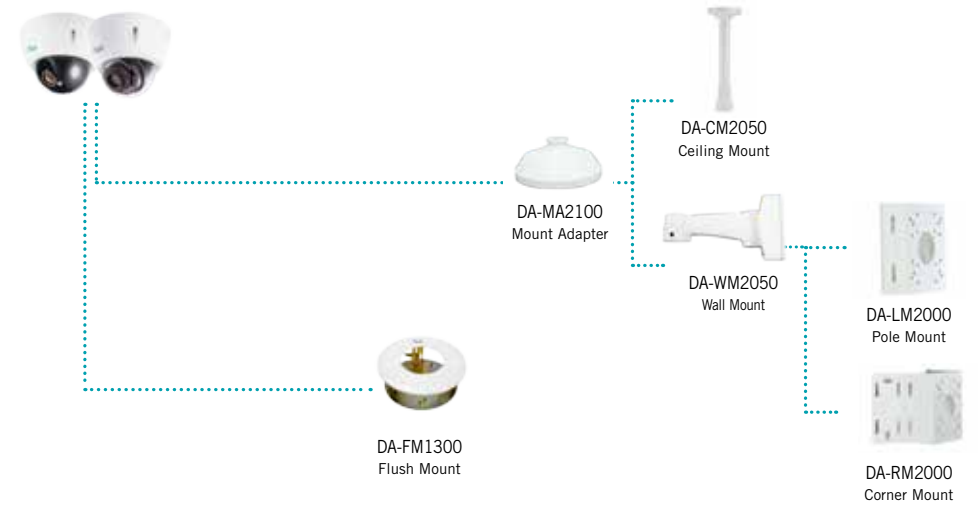
- DC-D Series : DC-D2233, DC-D2233R
- TC-D Series : TC-D1222R

DOME (2)



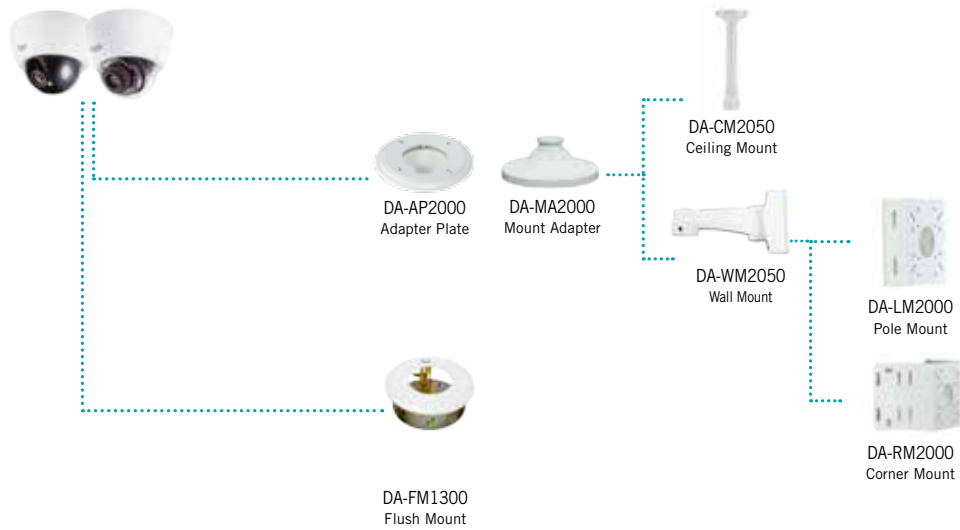
-DC-D Series : DC-D2212WR

DOME (4)



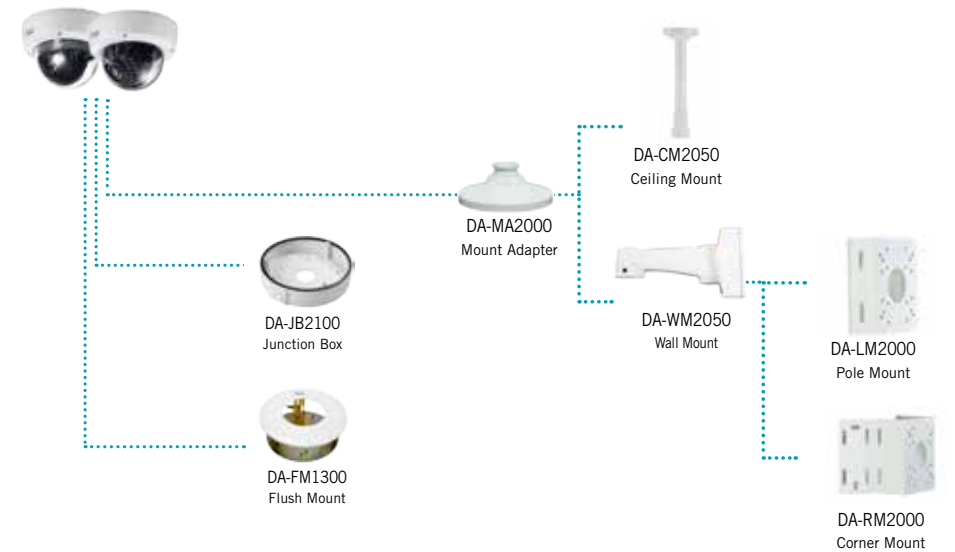
-DC-D Series : DC-D1122W, DC-D1122WR, DC-D1123W, DC-D1123WR, DC-D1123WHR, DC-D1223W, DC-D1223WR, DC-D1223WX, DC-D1223WHR, DC-D1323WHR

DOME (3)



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

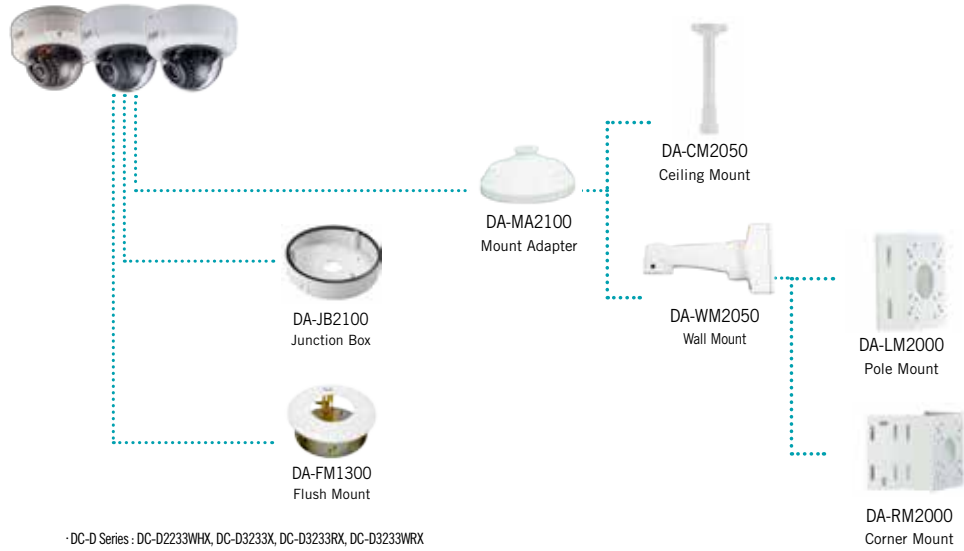
DOME (5)



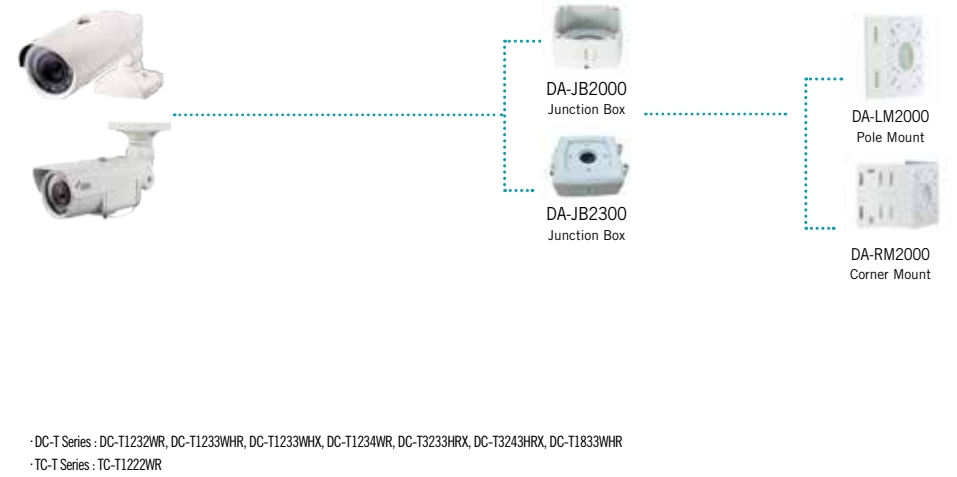
-DC-D Series : DC-D2233W, DC-D2233WR, DC-D2233WHR

-TC-D Series : TC-D1222WR

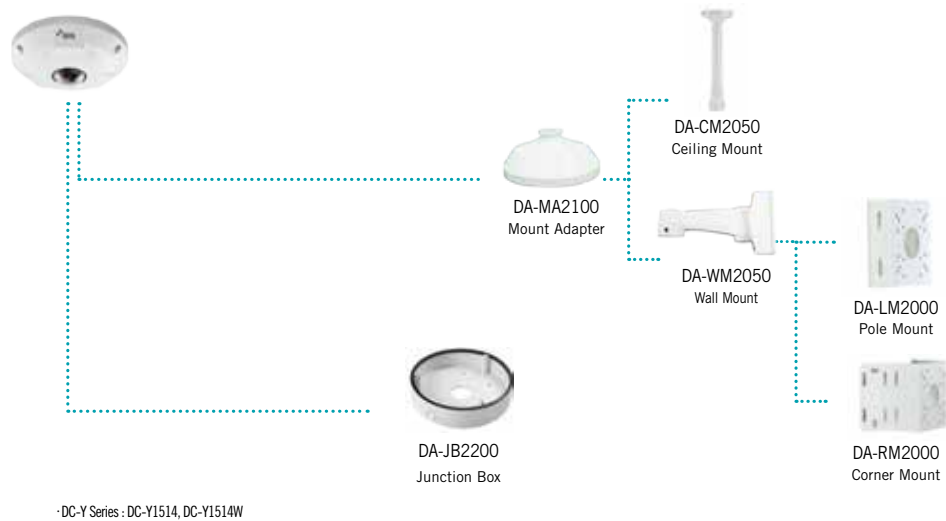
DOME (6)



BULLET

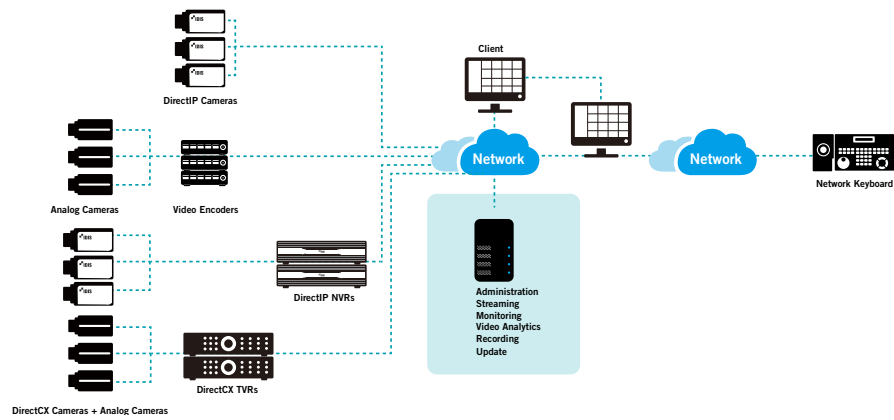


DOME (7)



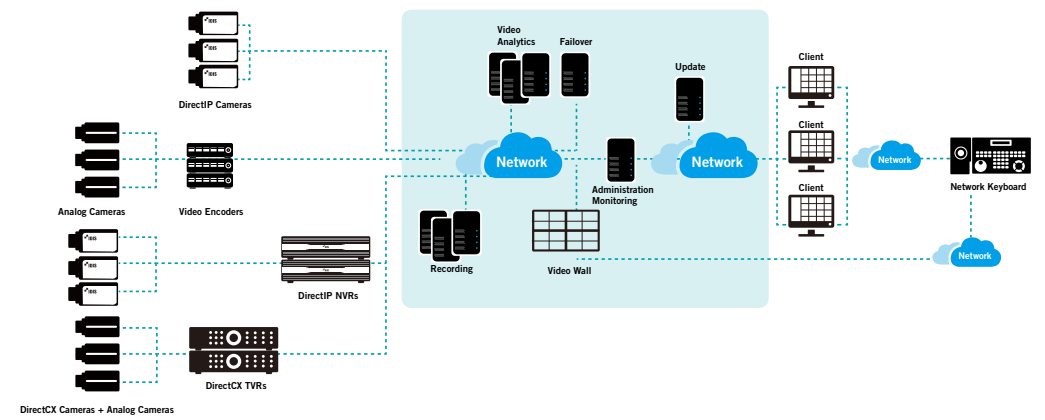
Small Business Installation

- Easy to install
- HD surveillance
- Affordable video solution



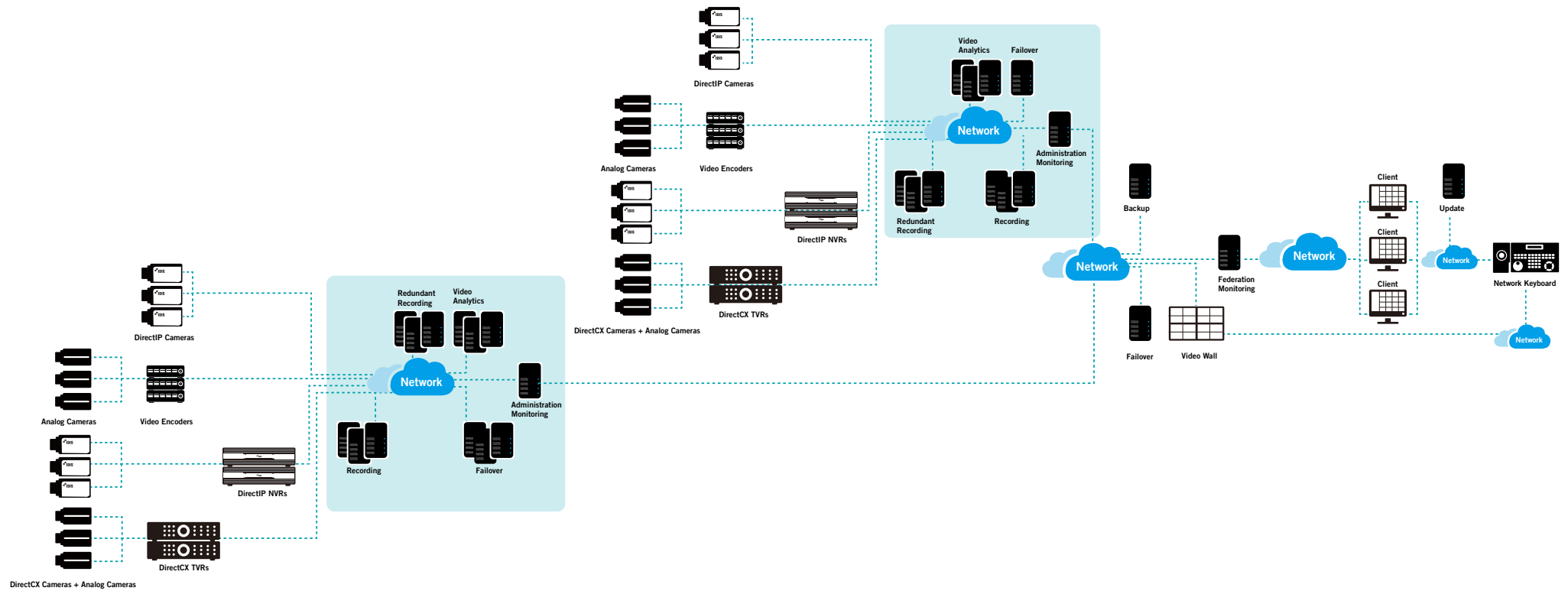
Medium Business Installation

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

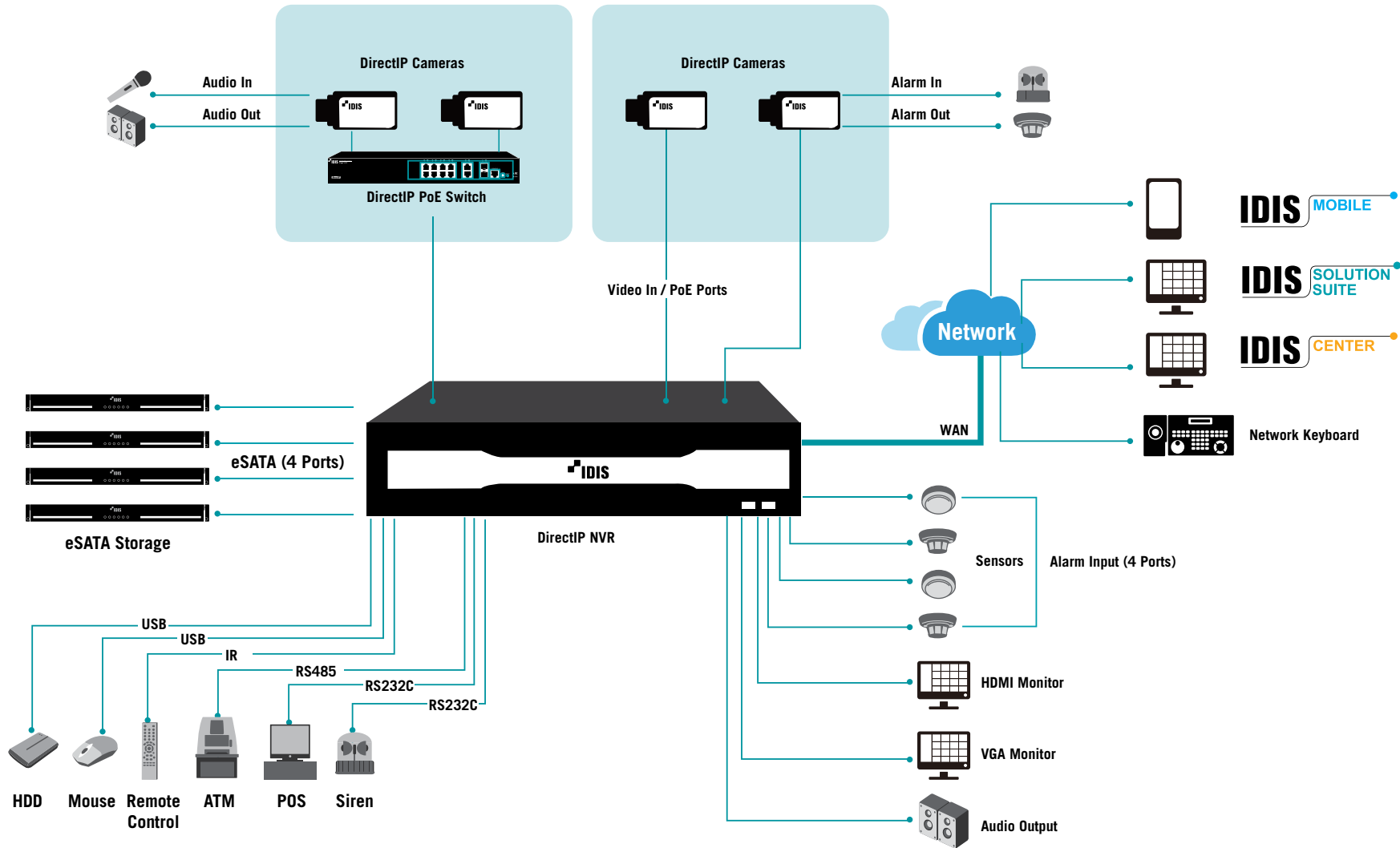


Large Enterprise Installation

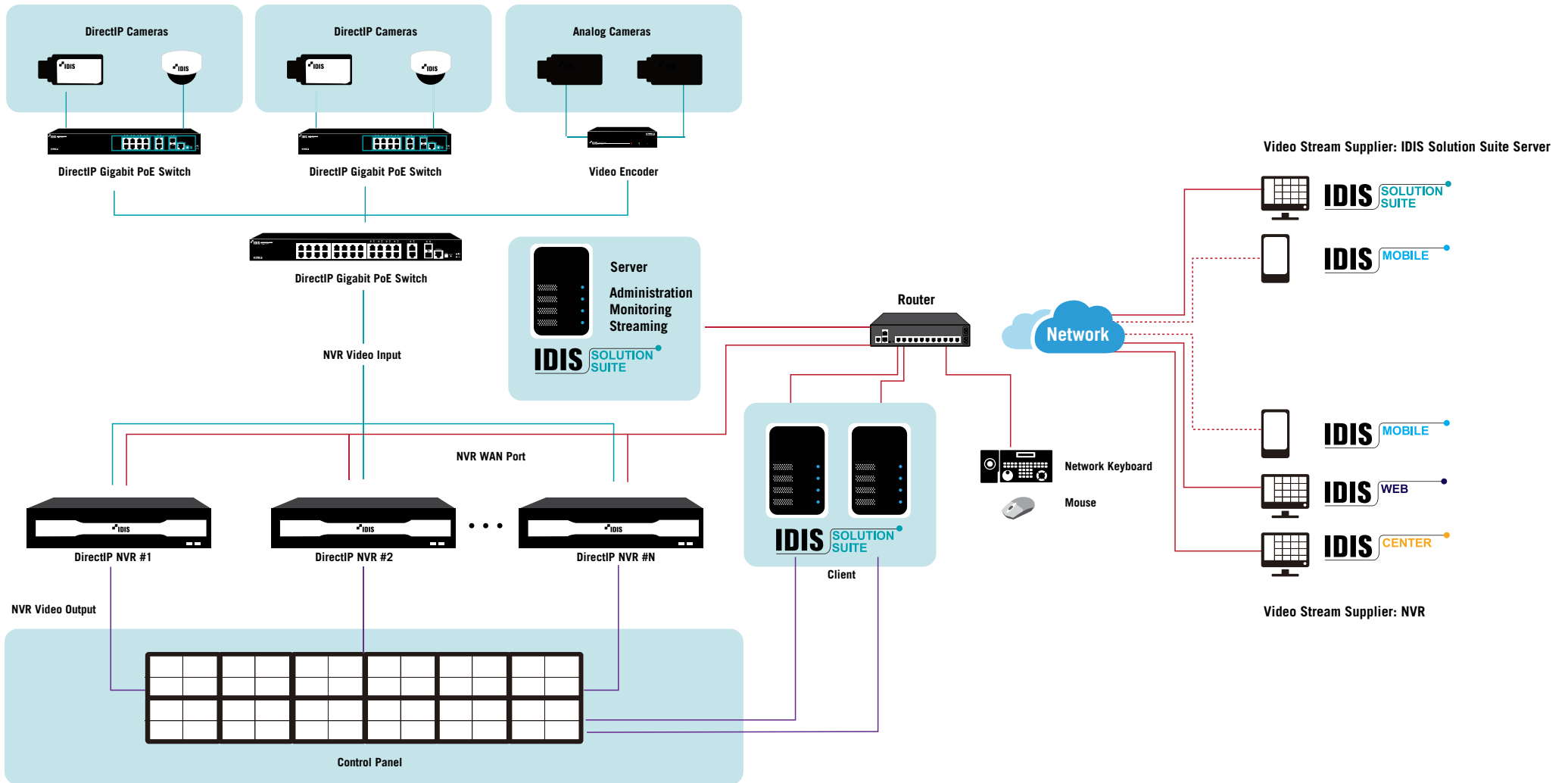
- Scalability with rich connectivity
- Flexibility enabling legacy and third-party system integration
- Simple integration with IDIS Center



DR-6300 Series NVR Connection Diagram



Control Center Installation





* Availability of product may vary by country / region.

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

<p>IDIS HQ</p> <p>IDIS Tower, 334 Pangyo-ro Bundang-gu, Seongnam-si Gyeonggi-do, 463-400 Republic of Korea</p> <p>T +82 (0)31 723 5400 F +82 (0)31 723 5100 E sales@idisglobal.com</p>	<p>IDIS America</p> <p>801 Hammond Street Suite 200 Coppell, TX 75019 U.S.A.</p> <p>T +1 469 444 6538 F +1 469 464 4449 E sales_americas@idisglobal.com</p>	<p>IDIS Europe</p> <p>1000 Great West Road Brentford, Middlesex TW8 9HH The United Kingdom</p> <p>T +44 (0)203 657 5678 F +44 (0)203 697 9360 E uksales@idisglobal.com</p>	<p>IDIS BeneLux</p> <p>De Slof 9 5107 RH Dongen The Netherlands</p> <p>T +31 (0)162 387247 F +31 (0)162 311915 E sales@bnl.idisglobal.com</p>	<p>IDIS Middle East</p> <p>P.O. Box 341037 D-308, DSO HQ Bldg Dubai Silicon Oasis Dubai, U.A.E.</p> <p>T +971 4 501 5434 F +971 4 501 5436 E sales_mena@idisglobal.com</p>
--	---	--	---	--



Sales

TF 1 (866) 986 1312 ext. 1
T 1 (469) 444 6538 ext. 1
E sales_americas@idisglobal.com

Technical Support

TF 1 (866) 986 1312 ext. 2
T 1 (469) 444 6538 ext. 3
E techsupportus@idisglobal.com

For more information, please visit
www.idisglobal.com