






NETWORK CAMERAS & ENCODERS

Model Name	BULLET	SPEED DOME			ZOOM		
	DC-E1212WR	DC-S1163WH	DC-S1263WH	DC-S1263F	DC-Z1163	DZ-Z1263	
Image Sensor	1/2.7" 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	1280 x 720	1920 x 1080	1920 x 1080	1280 x 720	1920 x 1080	
Lens	Fixed-focal (f=6.0mm)	AF Zoom Lens x18 (f=4.7 - 84.6mm)	AF Zoom Lens x18 (f=4.7 - 84.6mm)	AF Zoom Lens x18 (f=4.7 - 84.6mm)	AF Zoom Lens x18 (f=4.7 - 84.6mm)	AF Zoom Lens x18 (f=4.7 - 84.6mm)	
IRIS Control	Fixed Iris	DC Auto Iris	DC Auto Iris	DC Auto Iris	DC Auto Iris	DC Auto Iris	
Angular Field of View	58.2°(H) 31.6°(V) 67.2°(D)	Wide : 58.6°(H) 33.5°(V) 64.9°(D) Tele : 4.1°(H) 2.4°(V) 4.7°(D)	Wide : 58.6°(H) 33.5°(V) 64.9°(D) Tele : 4.1°(H) 2.4°(V) 4.7°(D)	Wide : 58.6°(H) 33.5°(V) 64.9°(D) Tele : 4.1°(H) 2.4°(V) 4.7°(D)	Wide : 58.6°(H) 33.5°(V) 64.9°(D) Tele : 4.1°(H) 2.4°(V) 4.7°(D)	Wide : 58.6°(H) 33.5°(V) 64.9°(D) Tele : 4.1°(H) 2.4°(V) 4.7°(D)	
	Pan / Tilt / Rotate Range	-	Pan Range : 360° (Endless) Pan Speed : 0.02~180°/sec (preset 420°/sec) Tilt Range : 200° (-10~190°) Tilt Speed : 0.02~180°/sec (preset 420°/sec) Preset 16ea	Pan Range : 360° (Endless) Pan Speed : 0.02~180°/sec (preset 420°/sec) Tilt Range : 200° (-10~190°) Tilt Speed : 0.02~180°/sec (preset 420°/sec) Preset 16ea	Pan Range : 360° (Endless) Pan Speed : 0.02~180°/sec (preset 420°/sec) Tilt Range : 200° (-10~190°) Tilt Speed : 0.02~180°/sec (preset 420°/sec) Preset 16ea	-	-
	Min. Illumination	COLOR : 0.5 lux @F2.0 B/W : 0 lux (IR LED ON)	COLOR : 0.5 lux @F1.6 B/W : 0.5 lux @F1.6	COLOR : 0.5 lux @F1.6 B/W : 0.5 lux @F1.6	COLOR : 0.5 lux @F1.6 B/W : 0.5 lux @F1.6	COLOR : 0.5 lux @F1.6 B/W : 0.5 lux @F1.6	COLOR : 0.5 lux @F1.6 B/W : 0.5 lux @F1.6
Dynamic Range	D-WDR	D-WDR	D-WDR	D-WDR	D-WDR	D-WDR	
True Day & Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	
IR Distance (LEDs)	24ea (10m)	-	-	-	-	-	
Video Quality Compensation	Auto Expose Auto White Balance DNR BLC	Auto Expose Auto White Balance DNR BLC	Auto Expose Auto White Balance DNR BLC	Auto Expose Auto White Balance DNR BLC	Auto Expose Auto White Balance DNR BLC	Auto Expose Auto White Balance DNR BLC	
Image Stabilizer	-	-	-	-	-	-	
Video Out	1 BNC	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	
Max. Frame Rate	30fps : 1920 x 1080	30fps : 1280 x 720	30fps : 1920 x 1080	30fps : 1920 x 1080	30fps : 1280 x 720	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	
Memory Slot	-	Micro SD (SDHC)	Micro SD (SDHC)	Micro SD (SDHC)	SD (SDHC)	SD (SDHC)	
Trigger Event	Motion Detection Tampering TripZone	Motion Detection Alarm in Audio detection Tampering TripZone	Motion Detection Alarm in Audio detection Tampering TripZone	Motion Detection Alarm in Audio detection Tampering TripZone	Motion Detection Alarm in Audio detection Tampering TripZone	Motion Detection Alarm in Audio detection Tampering TripZone	
Audio In / Out	-	1 (Line-in) / 1 (Line-out)	1 (Line-in) / 1 (Line-out)	1 (Line-in) / 1 (Line-out)	1 (Line-in) / 1 (Line-out)	1 (Line-in) / 1 (Line-out)	
Alarm In / Out	-	1/1	1/1	1/1	1/1	1/1	
Vandal-proof Casing	Yes	Yes	Yes	-	-	-	
Out-door Ready	IP66	IP66	IP66	-	-	-	
Operating Temperature	-10 ~ 50°C	-30 ~ 50°C	-30 ~ 50°C	-10 ~ 50°C	0 ~ 50°C	0 ~ 50°C	
Power Source	PoE	12VDC, 24VAC, PoE	12VDC, 24VAC, PoE	12VDC, 24VAC, PoE	12VDC, 24VAC, PoE	12VDC, 24VAC, PoE	
Power Consumption	6.4W	27.5W (Heater on)	27.5W (Heater on)	8.5W	6W	6W	

Model Name	ENCODER	
	DE-1104	DE-1108
Image Sensor	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	1920 x 1080	1920 x 1080
Lens	Fixed-focal (f=6.0mm)	Fixed-focal (f=6.0mm)
IRIS Control	Fixed Iris	Fixed Iris
Angular Field of View	58.2°(H) 31.6°(V) 67.2°(D)	58.2°(H) 31.6°(V) 67.2°(D)
Pan / Tilt / Rotate Range	-	-
Min. Illumination	COLOR : 0.5 lux @F2.0 B/W : 0 lux (IR LED ON)	COLOR : 0.5 lux @F2.0 B/W : 0 lux (IR LED ON)
Dynamic Range	D-WDR	D-WDR
True Day & Night	Yes (ICR)	Yes (ICR)
IR Distance (LEDs)	24ea (10m)	24ea (10m)
Video Quality Compensation	Auto Expose Auto White Balance DNR BLC	Auto Expose Auto White Balance DNR BLC
Image Stabilizer	-	-
Video Out	1 BNC	1 BNC
Video Compression	H.264(MP), M-JPEG	H.264(MP), M-JPEG
Max. Frame Rate	30fps : 1920 x 1080	30fps : 1920 x 1080
Audio Compression	-	-
Memory Slot	-	-
Trigger Event	Motion Detection Tampering TripZone	Motion Detection Tampering TripZone
Audio In / Out	-	-
Alarm In / Out	-	-
Vandal-proof Casing	Yes	Yes
Out-door Ready	IP66	IP66
Operating Temperature	-10 ~ 50°C	-10 ~ 50°C
Power Source	PoE	PoE
Power Consumption	12W	12W

NETWORK ACCESSORIES

	DirectIP™ Gigabit PoE Switch		Network Keyboard	4 bay eSATA Storage	Single Port PoE Injector
Model Name	DH-2112PF	DH-2128PF	NK-1100	DA-ES1104	DA-PI1101
					
Key feature	<ul style="list-style-type: none"> DirectIP™ 12 ports switch with 8 PoE ports Max. 150W 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 	<ul style="list-style-type: none"> Remote control of NVRs and network cameras via network connection. Control of NVRs by using a usb mouse via network connection. 	<ul style="list-style-type: none"> RAID levels 0, 1+0, 5 supported. Installation of the maximum 4 HDDs Best combination with DirectIP™ NVR 	<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 BASE-T lan environment

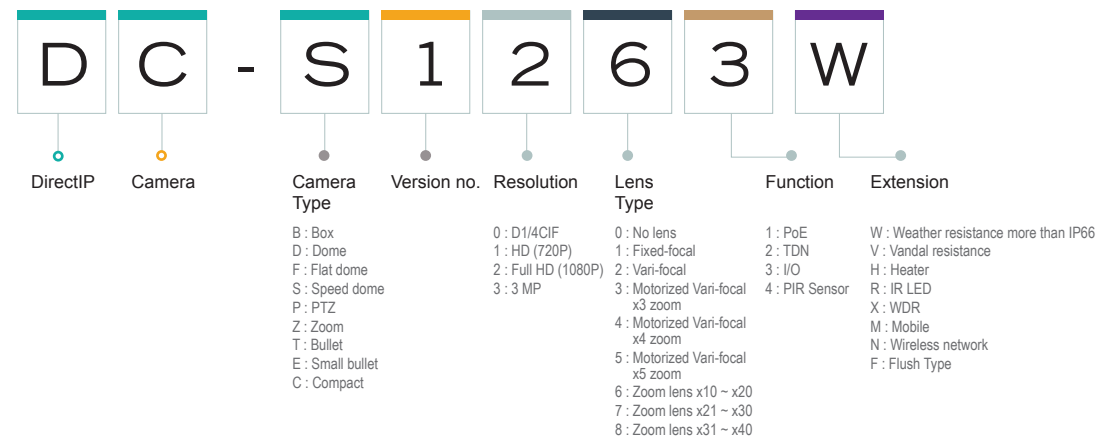
	Single Port PoE Repeater	Ethernet over Coax Transceiver	UTP Exchanger for EoC Transceiver	Gigabit Fiber Optic Media Converter	SFP Module	
Model Name	DA-PR1101	DA-EC1101R/T	DA-BE1101	DA-MC1101	FTLF8519P3BNL	FTLF1318P3BTL
						
Key feature	<ul style="list-style-type: none"> Compatible with IEEE 802.3af Up to 390m distance extension via three devices PoE switch off function via PoE on/off switch 	<ul style="list-style-type: none"> Compatible with IEEE 802.3af, IEEE 802.3at Makes it possible to install full-HD network cameras using existing coaxial cable. 	<ul style="list-style-type: none"> Covert coaxial cable to UTP cable connecting to DA-EC1101R/T Support Data transfer up to 800m distance extension of DA-EC1101R/T 	<ul style="list-style-type: none"> DIP switch for auto negotiation, Half/Full duplex and LLF, converter mode Comply with IEEE 802.e, 802.3u, 802.3ab and 802.3z 	<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 	<ul style="list-style-type: none"> Up to 10 km on 9/125µm SMF Up to 1.25Gb/s bi-directional data links

PRODUCTS NAMING STRUCTURE









NETWORK VIDEO RECORDER



NETWORK CAMERA



NETWORK SOFTWARE

IDIS CLIENT		IDIS SOLUTION SUITE		
 <p>IDIS CENTER</p> <p>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 of devices</p>	 <p>EXPERT</p> <p>IDIS Solution Suite Expert is a software that manages multiple NVRs and IP Cameras for large scale applications</p>			
		Backup Service	Federation Service	Video Wall Service
 <p>IDIS MOBILE</p> <p>You can access a remote NVR, monitor live video images and search recorded video using iPhone, iPad, Android phone and Android tablet PC anytime from virtually anywhere</p>				
 <p>IDIS WEB</p> <p>You can access a remote NVR, monitor live images and search recorded video on your I.E. browser</p>	<p>The backup service controls backup of recorded video saved in the recording servers or NVRs and playback of backed-up video saved in the backup server</p>	<p>The federation service allows you to manage multiple IDIS Solution Suite Expert Software for larger scale applications such as a nation wide surveillance</p>	<p>The video wall service allows you to control monitoring on multiple monitors with network keyboards for centralised monitoring in a surveillance center</p>	

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