

dahua
TECHNOLOGY

IP VIDEO PRODUCT SELECTION

2017 Ver. 1

Network Camera / PTZ / NVR / Display & Control / Transmission / Accessories / Video Management Software / DORI Distance

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TOTAL IP SOLUTION

■ Camera



■ PTZ



■ Recorder



■ Consumer



■ Display & Control



■ Transmission



■ Accessories



■ Software



NETWORK CAMERA

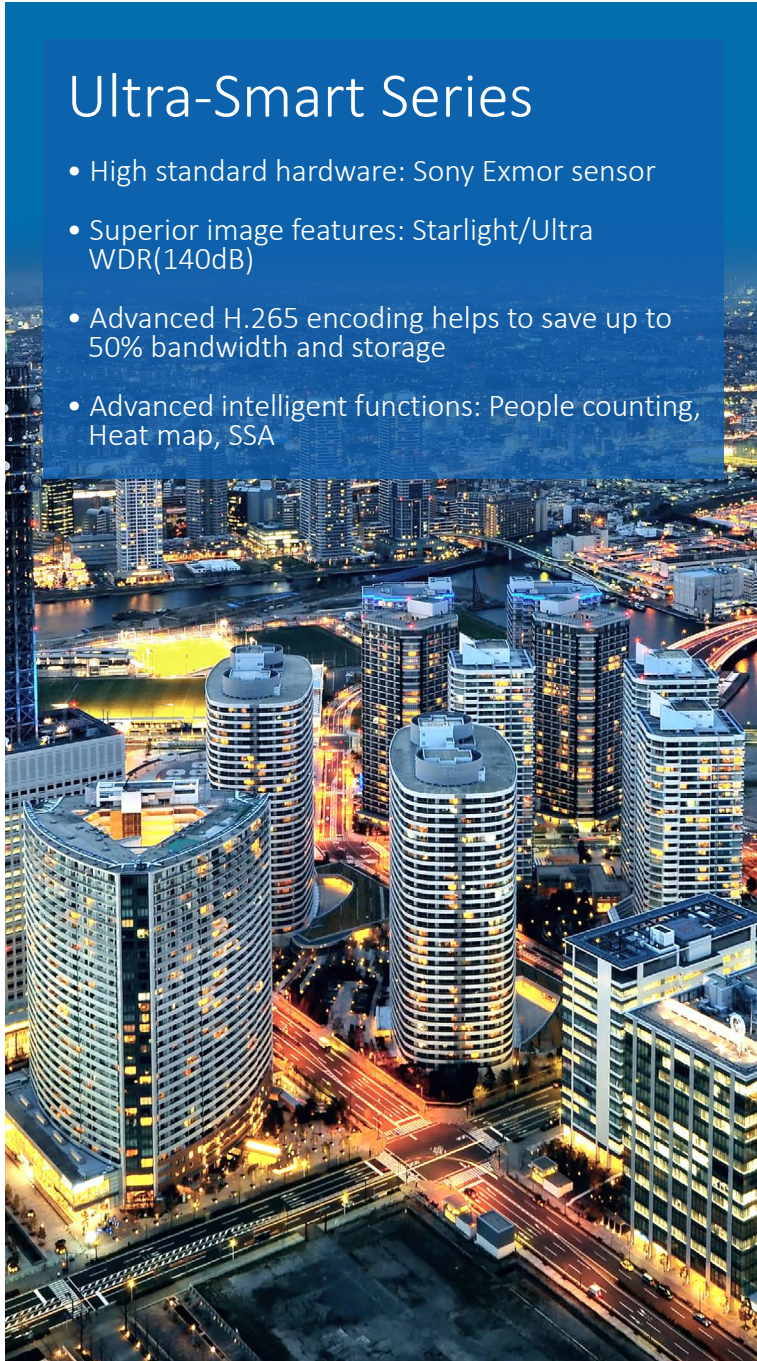



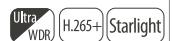



NETWORK CAMERA

Ultra-Smart Series

- High standard hardware: Sony Exmor sensor
- Superior image features: Starlight/Ultra WDR(140dB)
- Advanced H.265 encoding helps to save up to 50% bandwidth and storage
- Advanced intelligent functions: People counting, Heat map, SSA








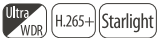



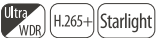
Ultra-Smart Series			
	Box Camera		
	IPC-HF81230E	IPC-HF8630F	IPC-HF8331F
Model	 4K H.265+	 H.265+	 Ultra WDR H.265+ Starlight
Image Sensor	1/1.7" 12Mp Exmor R CMOS	1/1.8"6Mp Exmor R CMOS	1/2.8"3Mp Exmor R CMOS
Lens	CS	CS	CS
FOV-H	--	--	--
Min. Illumination	0.01Lux/F1.2(Color) 0.001Lux/F1.2(B/W)	0.01Lux/F1.2(Color) 0.001Lux/F1.2(B/W)	0.002Lux/F1.2(Color) 0.0002Lux/F1.2(B/W)
Day/Night	ICR	ICR	ICR
WDR	DWDR	DWDR	140dB
Max. IR Distance	--	--	--
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Max. Resolution	12M(4000×3000)	6M(3072×2048)	3M(2048×1536)
Frame Rate	20fps@12M,30fps@4K	30fps@6M	60fps@3M
Multi-streaming	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	--	--	--
Intelligent Video	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection People Counting,Heat Map	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection People Counting,Heat Map	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection People Counting,Heat Map
Compatibility	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI
Audio In/Out	1/1, Built-in Mic	2/1, Built-in Mic	2/1, Built-in Mic
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Alarm In/Out	2(5V 5mA)/1(50V/65V 2A)	2(5V 5mA)/1(50V/65V 2A)	2(5V 5mA)/1(50V/65V 2A)
Ingress Protection	--	--	--
Working Temperature	-30°C~+60°C(-22°F ~ +140°F)	-30°C~+60°C(-22°F ~ +140°F)	-30°C~+60°C(-22°F ~ +140°F)
Power	DC12V/AC24V, PoE (802.3af)(Class 0) Max. 8W	DC12V/AC24V, PoE (802.3af)(Class 0) Max. 7W	DC12V/AC24V, PoE (802.3af) Max. 6.6W



Ultra-Smart Series						
	Box Camera		Vari-Focal Bullet			
	IPC-HF8232F	IPC-HF8231F	IPC-HFW81230E-Z	IPC-HFW8630E-Z	IPC-HFW8331E-Z/Z5	IPC-HFW8232E-Z
Model	 	 	 	 	 	 
Image Sensor	1/1.9"2Mp Exmor CMOS	1/2.8"2Mp Exmor R CMOS	1/1.7" 12Mp Exmor R CMOS	1/1.8"6Mp Exmor R CMOS	1/2.8"3Mp Exmor R CMOS	1/1.9"2Mp Exmor CMOS
Lens	CS	CS	4.1-16.4mm/F1.53(4x Optical zoom)	4.1-16.4mm/F1.53(4x Optical zoom)	2.7~13.5mm/F1.4, Motorized 7~35mm/F1.4, Motorized	4.1-16.4mm/F1.53(4x Optical zoom)
FOV-H	--	--	85°~35°	86°~35°	101°~31°, 32°~11°(Z5)	80°~32°
Min. Illumination	0.001Lux/F1.2(Color) 0.0001Lux/F1.2(B/W)	0.002Lux/F1.2(Color) 0.0002Lux/F1.2(B/W)	0.02Lux/F1.53(Color) 0Lux/F1.53(IR on)	0.02Lux/F1.53(Color) 0Lux/F1.53(IR on)	0.005Lux/F1.4(Color) 0Lux/F1.4(IR on)	0.002Lux/F1.53 (Color) 0Lux/F1.53(IR on)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR
WDR	120dB	140dB	DWDR	DWDR	140dB	120dB
Max. IR Distance	--	--	50m(164ft)	50m(164ft)	50m(164ft)	50m(164ft)
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Max. Resolution	1080P(1920×1080)	1080P(1920×1080)	12M(4000×3000)	6M(3072×2048)	3M(2048×1536)	1080P(1920×1080)
Frame Rate	60fps@1080P	60fps@1080P	20fps@12M,30fps@4K	30fps@6M	60fps@3M	60fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	--	--	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°
Intelligent Video	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection People Counting,Heat Map	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection People Counting,Heat Map	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection People Counting,Heat Map	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection People Counting,Heat Map	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection People Counting,Heat Map	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection People Counting,Heat Map
Compatibility	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI
Audio In/Out	2/1,Built-in Mic	2/1,Built-in Mic	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Alarm In/Out	2(5V 5mA)/1(50V/65V 2A)	2(5V 5mA)/1(50V/65V 2A)	2(5V 5mA)/1(50V/65V 2A)	2(5V 5mA)/1(50V/65V 2A)	2(5V 5mA)/1(50V/65V 2A)	2(5V 5mA)/1(50V/65V 2A)
Ingress Protection	--	--	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Working Temperature	-30°C~+60°C(-22°F ~ +140°F)	-30°C~+60°C(-22°F ~ +140°F)	-40°C~+60°C(-40°F ~ +140°F)	-40°C~+60°C(-40°F ~ +140°F)	-40°C~+60°C(-40°F ~ +140°F)	-40°C~+60°C(-40°F ~ +140°F)
Power	DC12V/AC24V, PoE (802.3af)(Class 0) Max. 6.5W	DC12V/AC24V, PoE (802.3af)(Class 0) Max. 5.5W	DC12V, PoE+(802.3at)(Class 4) Max. 13W	DC12V, PoE+(802.3at)(Class 4) Max. 13W	DC12V, PoE+(802.3at)(Class 4) Max. 13W	DC12V, PoE+(802.3at)(Class 4) Max. 13W

NETWORK CAMERA




Ultra-Smart Series

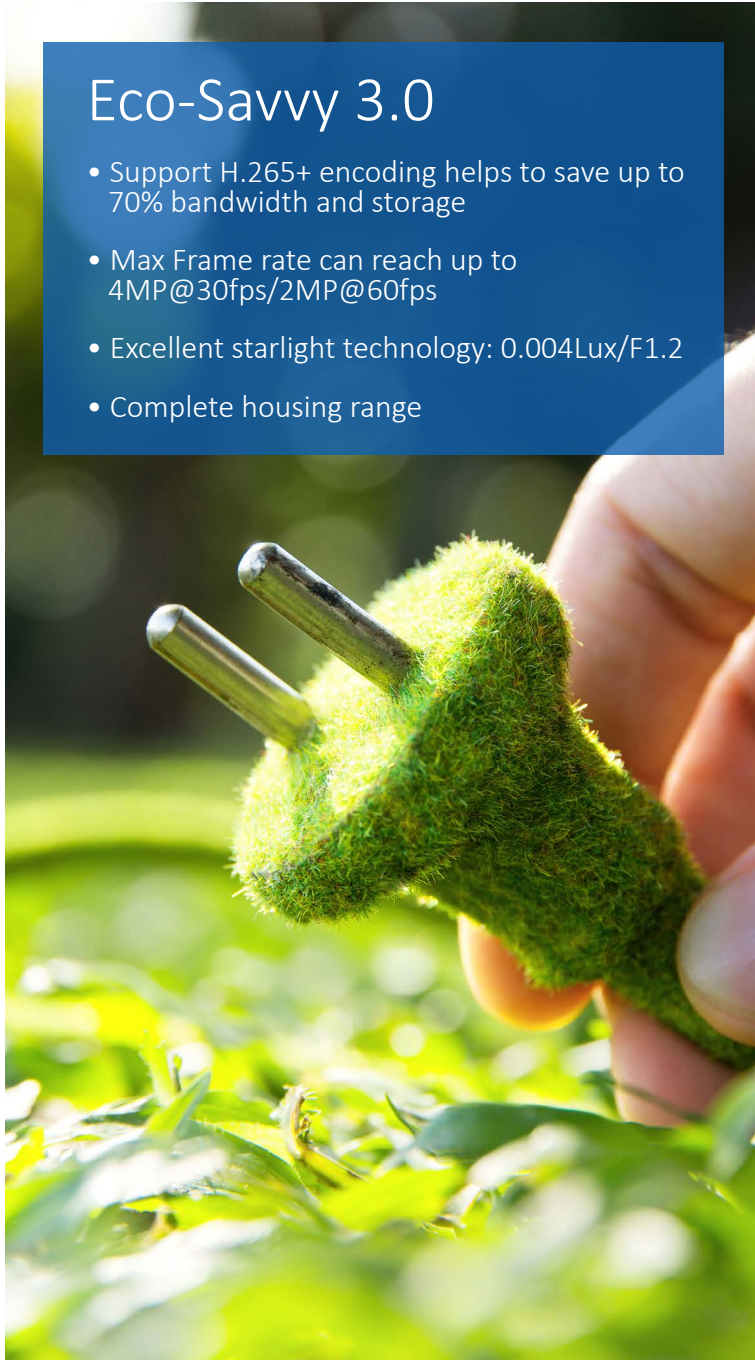
	Vari-Focal Bullet	Vari-Focal Dome				
Model	IPC-HFW8231E-Z/Z5	IPC-HDBW81230E-Z	IPC-HDBW8630E-Z	IPC-HDBW8331E-Z/Z5	IPC-HDBW8232E-Z	IPC-HDBW8231E-Z/Z5
	 	 	 	 	 	 
Image Sensor	1/2.8"2Mp Exmor R CMOS	1/1.7" 12Mp Exmor R CMOS	1/1.8"6Mp Exmor R CMOS	1/2.8"3Mp Exmor R CMOS	1/1.9"2Mp Exmor CMOS	1/2.8"2Mp Exmor R CMOS
Lens	2.7-12mm/F1.4, Motorized 7~35mm/F1.4, Motorized	4.1-16.4mm/F1.53(4x Optical zoom)	4.1-16.4mm/F1.53(4x Optical zoom)	2.7~13.5mm/F1.4, Motorized 7~35mm/F1.4, Motorized	4.1-16.4mm/F1.53(4x Optical zoom)	2.7-12mm/F1.4, Motorized 7~35mm/F1.4, Motorized
FOV-H	101°~36° 35°~12°(Z5)	105°~35°	107°~35°	110°~31° 32°~11°(Z5)	92°~32°	110°~36° 35°~12°(Z5)
Min. Illumination	0.005Lux/F1.4(Color) 0Lux/F1.4(IR on)	0.02Lux/F1.53(Color) 0Lux/F1.53(IR on)	0.02Lux/F1.53(Color) 0Lux/F1.53(IR on)	0.005Lux/F1.6(Color) 0Lux/F1.4(IR on)	0.002Lux/F1.53 (Color) 0Lux/F1.53(IR on)	0.005Lux/F1.4(Color) 0Lux/F1.4(IR on)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR
WDR	140dB	DWDR	DWDR	140dB	120dB	140dB
Max. IR Distance	50m(164ft)	50m(164ft)	50m(164ft)	50m(164ft)	50m(164ft)	50m(164ft)
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Max. Resolution	1080P(1920×1080)	12M(4000×3000)	6M(3072×2048)	3M(2048×1536)	1080P(1920×1080)	1080P(1920×1080)
Frame Rate	60fps@1080P	20fps@12M,30fps@4K	30fps@6M	60fps@3M	60fps@1080P	60fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~355°; Tilt: 0°~65° Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~65° Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~65° Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~65° Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~65° Rotation: 0°~355°
Intelligent Video	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection People Counting,Heat Map	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection People Counting,Heat Map	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection People Counting,Heat Map	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection People Counting,Heat Map	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection People Counting,Heat Map	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection People Counting,Heat Map
Compatibility	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI
Audio In/Out	1/1	1/1	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Alarm In/Out	2(5V 5mA)/1(50V/65V 2A)	1(5V 5mA)/1(50V/65V 2A)	1(5V 5mA)/1(50V/65V 2A)	1(5V 5mA)/1(50V/65V 2A)	1(5V 5mA)/1(50V/65V 2A)	1(5V 5mA)/1(50V/65V 2A)
Ingress Protection	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Working Temperature	-40°C~-60°C(-40°F ~ +140°F)	-40°C~-60°C(-40°F ~ +140°F)	-40°C~-60°C(-40°F ~ +140°F)	-40°C~-60°C(-40°F ~ +140°F)	-40°C~-60°C(-40°F ~ +140°F)	-40°C~-60°C(-40°F ~ +140°F)
Power	DC12V, PoE+(802.3at)(Class 4) Max. 13W	DC12V/AC24V, PoE+(802.3at)(Class 4) Max. 18W	DC12V/AC24V, PoE+(802.3at)(Class 4) Max. 18W	DC12V/AC24V, PoE+(802.3at)(Class 4) Max. 18W	DC12V/AC24V, PoE+(802.3at)(Class 4) Max. 18W	DC12V/AC24V, PoE+(802.3at)(Class 4) Max. 18W

Eco-Savvy 3.0

- Support H.265+ encoding helps to save up to 70% bandwidth and storage
- Max Frame rate can reach up to 4MP@30fps/2MP@60fps
- Excellent starlight technology: 0.004Lux/F1.2
- Complete housing range















Eco-Savvy 3.0 Series








	Box Camera		Vari-Focal Bullet
	IPC-HF5431E	IPC-HF5231E	IPC-HFW5830E-Z/Z5
Model	 H.265+	 H.265+ Starlight	 4K H.265+
Image Sensor	1/3" 4Mp CMOS	1/2.8" 2Mp Exmor R CMOS	1/2.5" 8MP Exmor R CMOS
Lens	CS	CS	2.7~12mm/F1.6, Motorized 7~35mm/F1.6, Motorized(Z5)
FOV-H	--	--	102°~39° 38°~11°(Z5)
Min. Illumination	0.01Lux/F1.2 (Color) 0.001Lux/F1.2(B/W)	0.004Lux/F1.2(Color) 0.0004Lux/F1.2(B/W)	0.05Lux/F1.6(Color) 0Lux/F1.6(IR on)
Day/Night	ICR	ICR	ICR
WDR	120dB	120dB	DWDR
Max. IR Distance	--	--	50m(164ft)
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Max. Resolution	4M(2688×1520)	1080P(1920×1080))	4K(3840×2160)
Frame Rate	30fps@4M	60fps@1080P	15fps@4K,30fps@3M
Multi-streaming	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	--	--	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°
Intelligent Video	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection
Compatibility	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI
Audio In/Out	1/1,Built-in Mic	1/1,Built-in Mic	1/1
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Alarm In/Out	2(5V 5mA)/1(12V 300mA)	2(5V 5mA)/1(12V 300mA)	2(5V 5mA)/1(12V 300mA)
Ingress Protection	--	--	IP67
Working Temperature	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)
Power	DC12V/AC24V, PoE (802.3af)(Class 0) Max. 5W	DC12V/AC24V, PoE (802.3af)(Class 0) Max. 5W	DC12V, PoE (802.3af)(Class 0) Max. 11.5W



NETWORK CAMERA











Eco-Savvy 3.0 Series

	Vari-Focal Bullet		Vari-Focal Dome				
Model	IPC-HFW5431E-Z/Z5	IPC-HFW5231E-Z/Z5/Z12	HDBW5830E-Z/Z5	HDBW5431E-Z/Z5	IPC-HDBW5231E-Z/Z5	HDBW5830R-Z	HDBW5431R-Z
							
							
Image Sensor	1/3" 4Mp CMOS	1/2.8" 2Mp Exmor R CMOS	1/2.5" 8Mp Exmor R CMOS	1/3" 4Mp CMOS	1/2.8" 2Mp Exmor R CMOS	1/2.5" 8Mp Exmor R CMOS	1/3" 4Mp CMOS
Lens	2.7~12mm/F1.6, Motorized 7~35mm/F1.6, Motorized(Z5)	2.7~12mm/F1.4, Motorized 7~35mm/F1.4, Motorized(Z5) 5.3~64mm/F1.4, Motorized(Z12)	2.7~12mm/F1.4, Motorized 7~35mm/F1.4, Motorized(Z5)	2.7~12mm/F1.6, Motorized 7~35mm/F1.6, Motorized(Z5)	2.7~12mm/F1.4, Motorized 7~35mm/F1.4, Motorized(Z5)	2.7~12mm/F1.4, Motorized	2.7~12mm/F1.4 Motorized
FOV-H	100°~35° 32°~10°(Z5)	97°~34° 35°~12°(Z5) 59°~5°(Z12)	102°~39° 38°~11°(Z5)	100°~35° 32°~10°(Z5)	97°~34° 35°~12°(Z5)	102°~39°	100°~35°
Min. Illumination	0.03Lux/F1.4(Color) 0Lux/F1.4(IR on)	0.006Lux/F1.4(Color) 0Lux/F1.4(IR on)	0.05Lux/F1.6(Color) 0Lux/F1.6(IR on)	0.03Lux/F1.4(Color) 0Lux/F1.4(IR on)	0.006Lux/F1.4(Color) 0Lux/F1.4(IR on)	0.05Lux/F1.6(Color) 0Lux/F1.6(IR on)	0.03Lux/F1.4(Color) 0Lux/F1.4(IR on)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
WDR	120dB	120dB	DWDR	120dB	120dB	DWDR	120dB
Max. IR Distance	50m(164ft)	50m(164ft) 150m(492ft)(Z12)	50m(164ft)	50m(164ft)	50m(164ft)	50m(164ft)	50m(164ft)
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Max. Resolution	4M(2688×1520)	1080P(1920×1080)	4K(3840×2160)	4M(2688×1520)	1080P(1920×1080)	4K(3840×2160)	4M(2688×1520)
Frame Rate	30fps@4M	60fps@1080P	15fps@4K,30fps@3M	30fps@4M	60fps@1080P	15fps@4K,30fps@3M	30fps@4M
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~355°; Tilt: 0°~65° Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~65° Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~65° Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~75° Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~75° Rotation: 0°~355°
Intelligent Video	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection
Compatibility	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI
Audio In/Out	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Alarm In/Out	2(5V 5mA)/1(12V 300mA)	2(5V 5mA)/1(12V 300mA)	1(5V 5mA)/1(12V 300mA)	1(5V 5mA)/1(12V 300mA)	1(5V 5mA)/1(12V 300mA)	1(5V 5mA)/1(12V 300mA)	1(5V 5mA)/1(12V 300mA)
Ingress Protection	IP67	IP67	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Working Temperature	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)
Power	DC12V PoE (802.3af)(Class 0) Max. 11.5W	DC12V PoE (802.3af)(Class 0) Max. 11.5W	DC12V/AC 24V PoE (802.3af)(Class 0) Max. 12.5W	DC12V/AC24V PoE(802.3af)(Class 0) Max.12.5W	DC12V/AC24V PoE (802.3af)(Class 0) Max. 12.5W	DC12V/AC24V PoE (802.3af)(Class 0) Max. 9W	DC12V PoE (802.3af)(Class 0) Max.8.5W

Eco-Savvy 3.0 Series							
	Vari-Focal Dome	Vari-Focal Eyeball			Fixed Mini-Bullet		
Model	IPC-HDBW5231R-Z	IPC-HDW5830R-Z	IPC-HDW5431R-Z	IPC-HDW5231R-Z	IPC-HFW4830E-S	IPC-HFW4431E-S	IPC-HFW4231E-S
	 H.265+ Starlight	 4K H.265+	 H.265+	 H.265+ Starlight	 4K H.265+	 H.265+	 H.265+ Starlight
Image Sensor	1/2.8" 2Mp Exmor R CMOS	1/2.5" 8Mp Exmor R CMOS	1/3" 4Mp CMOS	1/2.8" 2Mp Exmor R CMOS	1/2.5" 8Mp Exmor R CMOS	1/3" 4Mp CMOS	1/2.8" 2Mp Exmor R CMOS
Lens	2.7~12mm/F1.4 Motorized	2.7~12mm/F1.6 Motorized	2.7~12mm/F1.4 Motorized	2.7~12mm/F1.4 Motorized	4mm/F1.6	3.6mm/F2.0 6mm/F2.0	3.6mm/F2.0 6mm/F2.0
FOV-H	97°~34°	102°~39°	100°~35°	97°~34°	88°	87°/55°	87°/51°
Min. Illumination	0.006Lux/F1.4(Color) 0Lux/F1.4(IR on)	0.05Lux/F1.6(Color) 0Lux/F1.6(IR on)	0.03Lux/F1.4(Color) 0Lux/F1.4(IR on)	0.006Lux/F1.4(Color) 0Lux/F1.4(IR on)	0.05Lux/F1.6 (Color) 0Lux/F1.6(IR on)	0.08Lux/F2.0(Color) 0Lux/F2.0(IR on)	0.009Lux/F2.0(Color) 0Lux/F2.0(IR on)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
WDR	120dB	DWDR	120dB	120dB	DWDR	120dB	120dB
Max. IR Distance	50m(164ft)	50m(164ft)	50m(164ft)	50m(164ft)	30m(98.4ft)	40m(131.2ft)	40m(131.2ft)
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Max. Resolution	1080P(1920×1080)	4K(3840×2160)	4M(2688×1520)	1080P(1920×1080)	4K(3840×2160)	4M(2688×1520)	1080P(1920×1080)
Frame Rate	60fps@1080P	15fps@4K, 30fps@3M	30fps@4M	60fps@1080P	15fps@4K, 30fps@3M	30fps@4M	60fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	Pan: 0°~355°; Tilt: 0°~75° Rotation: 0°~355°	Pan: 0°~360°; Tilt: 0°~78° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~78° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~78° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°
Intelligent Video	Tripwire, Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire, Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire, Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire, Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire, Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire, Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire, Intrusion Scene Change Abandoned/Missing Face Detection
Compatibility	ONVIF profile S&G, CGI	ONVIF profile S&G, CGI	ONVIF profile S&G, CGI	ONVIF profile S&G, CGI	ONVIF profile S&G, CGI	ONVIF profile S&G, CGI	ONVIF profile S&G, CGI
Audio In/Out	1/1	Built-in Mic	Built-in Mic	Built-in Mic	--	--	--
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD Max. 128GB	Micro SD Max. 128GB
Alarm In/Out	1(5V 5mA)/1(12V 300mA)	--	--	--	--	--	--
Ingress Protection	IP67, IK10	IP67	IP67	IP67	IP67	IP67	IP67
Working Temperature	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)
Power	DC12V, PoE (802.3af)(Class 0) Max. 8.5W	DC12V, PoE (802.3af)(Class 0) Max. 8.5W	DC12V, PoE (802.3af)(Class 0) Max. 8.5W	DC12V, PoE (802.3af)(Class 0) Max. 8.5W	DC12V, PoE (802.3af)(Class 0) Max. 6.5W	DC12V, PoE (802.3af)(Class 0) Max. 6W	DC12V, PoE (802.3af)(Class 0) Max. 6W








Eco-Savvy 3.0 Series

	Fixed Mini-Bullet		Fixed LXIR Bullet			
Model	IPC-HFW4431S	IPC-HFW4231S	IPC-HFW4431B-AS	IPC-HFW4231B-AS	IPC-HFW4431D-AS	IPC-HFW4231D-AS
	 H.265+	 H.265+ Starlight	 H.265+	 H.265+ Starlight	 H.265+	 H.265+ Starlight
Image Sensor	1/3" 4Mp CMOS	1/2.8" 2Mp Exmor R CMOS	1/3" 4Mp CMOS	1/2.8" 2Mp Exmor R CMOS	1/3" 4Mp CMOS	1/2.8" 2Mp Exmor R CMOS
Lens	2.8mm/F2.0 3.6mm/F2.0 6mm/F2.0	3.6mm/F2.0 6mm/F2.0	3.6mm/F2.0 6mm/F2.0	3.6mm/F2.0 6mm/F2.0	3.6mm/F2.0 6mm/F2.0	3.6mm/F2.0 6mm/F2.0
FOV-H	104°/87°/55°	87°/51°	87°/55°	87°/51°	87°/55°	87°/51°
Min. Illumination	0.08Lux/F2.0(Color) 0Lux/F2.0(IR on)	0.009Lux/F2.0(Color) 0Lux/F2.0(IR on)	0.08Lux/F2.0(Color) 0Lux/F2.0(IR on)	0.009Lux/F2.0(Color) 0Lux/F2.0(IR on)	0.08Lux/F2.0(Color) 0Lux/F2.0(IR on)	0.009Lux/F2.0(Color) 0Lux/F2.0(IR on)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Max. IR Distance	30m(98.4ft)	30m(98.4ft)	50m(164ft)	50m(164ft)	80m(262.5ft)	80m(262.5ft)
Video Compression	H.265+/H.265 H.264+/H.264	H.265+/H.265 H.264+/H.264	H.265+/H.265 H.264+/H.264	H.265+/H.265 H.264+/H.264	H.265+/H.265 H.264+/H.264	H.265+/H.265 H.264+/H.264
Max. Resolution	4M(2588×1520)	1080P(1920×1080)	4M(2688×1520)	1080P(1920×1080)	4M(2688×1520)	1080P(1920×1080)
Frame Rate	30fps@4M	60fps@1080P	30fps@4M	60fps@1080P	30fps@4M	60fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~87° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~87° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~87° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~87° Rotation: 0°~360°
Intelligent Video	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection
Compatibility	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI
Audio In/Out	--	--	1/1	1/1	1/1	1/1
Memory Slot	--	--	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Alarm In/Out	--	--	1(5V 5mA)/1(12V 300mA)	1(5V 5mA)/1(12V 300mA)	1(5V 5mA)/1(12V 300mA)	1(5V 5mA)/1(12V 300mA)
Ingress Protection	IP67	IP67	IP67	IP67	IP67	IP67
Working Temperature	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)
Power	DC12V PoE (802.3af)(Class 0) Max. 6W	DC12V PoE (802.3af)(Class 0) Max. 6W	DC12V PoE (802.3af)(Class 0) Max. 6.5W	DC12V PoE (802.3af)(Class 0) Max. 6.5W	DC12V PoE (802.3af)(Class 0) Max. 7.5W	DC12V PoE (802.3af)(Class 0) Max. 7.5W

Eco-Savvy 3.0 Series					
	Fixed Mini-Dome			Wedge Dome	
	IPC-HDBW4830E-AS	IPC-HDBW4431E-AS	IPC-HDBW4231E-AS	IPC-HDBW4431F-AS	IPC-HDBW4231F-AS
Model	 	 	 	 	 
Image Sensor	1/2.5" 8Mp Exmor R CMOS	1/3" 4Mp CMOS	1/2.8" 2Mp Exmor R CMOS	1/3" 4Mp CMOS	1/2.8" 2Mp Exmor R CMOS
Lens	4mm/F1.6	2.8mm/F2.0 3.6mm/F2.0 6mm/F2.0	2.8mm/F2.0 3.6mm/F2.0 6mm/F2.0	2.8mm/F2.0 3.6mm/F2.0 6mm/F2.0	2.8mm/F2.0 3.6mm/F2.0 6mm/F2.0
FOV-H	88°	104°/87°/55°	110°/ 87°/51°	104°/87°/55°	110°/87°/51°
Min. Illumination	0.05Lux/F1.6 (Color) 0Lux/F1.6(IR on)	0.08Lux/F2.0(Color) 0Lux/F2.0(IR on)	0.009Lux/F2.0(Color) 0Lux/F2.0(IR on)	0.08Lux/F2.0(Color) 0Lux/F2.0(IR on)	0.009Lux/F2.0(Color) 0Lux/F2.0(IR on)
Day/Night	ICR	ICR	ICR	ICR	ICR
WDR	DWDR	120dB	120dB	120dB	120dB
Max. IR Distance	30m(98.4ft)	30m(98.4ft)	30m(98.4ft)	20m(65.6ft)	20m(65.6ft)
Video Compression	H.265+/H.265 H.264+/H.264	H.265+/H.265 H.264+/H.264	H.265+/H.265 H.264+/H.264	H.265+/H.265 H.264+/H.264	H.265+/H.265 H.264+/H.264
Max. Resolution	4K(3840×2160)	4M(2688×1520)	1080P(1920×1080)	4M(2688×1520)	1080P(1920×1080)
Frame Rate	15fps@4K, 30fps@3M	30fps@4M	60fps@1080P	30fps@4M	60fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	Pan: 0°~355°; Tilt: 0°~64° Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~64° Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~64° Rotation: 0°~355°	Pan: 0°~60°; Tilt: 0°~80° Rotation: 0°~360°	Pan: 0°~60°; Tilt: 0°~80° Rotation: 0°~360°
Intelligent Video	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection
Compatibility	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI
Audio In/Out	1/1	1/1	1/1	Built-in Mic	Built-in Mic
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Alarm In/Out	1(5V 5mA)/1(12V 300mA)	1(5V 5mA)/1(12V 300mA)	1(5V 5mA)/1(12V 300mA)	1(5V 5mA)/1(12V 300mA)	1(5V 5mA)/1(12V 300mA)
Ingress Protection	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10
Working Temperature	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)
Power	DC12V PoE (802.3af)(Class 0) Max. 5.5W	DC12V PoE (802.3af)(Class 0) Max. 5W	DC12V PoE (802.3af)(Class 0) Max. 5W	DC12V PoE (802.3af)(Class 0) Max. 4.5W	DC12V PoE (802.3af)(Class 0) Max. 4.5W

NETWORK CAMERA

Eco-Savvy 3.0 Series







	Fixed Mini-Dome		Fixed Eyeball				
Model	IPC-HDB4431C-AS	IPC-HDB4231C-AS	IPC-HDW4830EM-AS	IPC-HDW4431EM-AS	IPC-HDW4231EM-AS	IPC-HDW4431M	IPC-HDW4231M
	 H.265+	 H.265+ Starlight	 4K H.265+	 H.265+	 H.265+ Starlight	 H.265+	 H.265+ Starlight
Image Sensor	1/3" 4Mp CMOS	1/2.8" 2Mp Exmor R CMOS	1/2.5" 8Mp Exmor R CMOS	1/3" 4Mp CMOS	1/2.8" 2Mp Exmor R CMOS	1/3" 4Mp CMOS	1/2.8" 2Mp Exmor R CMOS
Lens	2.8mm/F2.0 3.6mm/F2.0	2.8mm/F2.0 3.6mm/F2.0	4mm/F1.6	2.8mm/F2.0 3.6mm/F2.0 6mm/F2.0	2.8mm/F2.0 3.6mm/F2.0 6mm/F2.0	2.8mm/F2.0 3.6mm/F2.0 6mm/F2.0	3.6mm/F2.0 6mm/F2.0
FOV-H	104°/87°	110°/87°	88°	104°/87°/55°	110°/87°/51°	104°/87°/55°	87°/51°
Min. Illumination	0.08Lux/F2.0(Color) 0Lux/F2.0(IR on)	0.009Lux/F2.0(Color) 0Lux/F2.0(IR on)	0.05Lux/F1.6 (Color) 0Lux/F1.6(IR on)	0.08Lux/F2.0(Color) 0Lux/F2.0(IR on)	0.009Lux/F2.0(Color) 0Lux/F2.0(IR on)	0.08Lux/F2.0(Color) 0Lux/F2.0(IR on)	0.009Lux/F2.0(Color) 0Lux/F2.0(IR on)
Day/Night	Electronic	Electronic	ICR	ICR	ICR	ICR	ICR
WDR	120dB	120dB	DWDR	120dB	120dB	120dB	120dB
Max. IR Distance	--	--	50m(164ft)	50m(164ft)	50m(164ft)	30m(98.4ft)	30m(98.4ft)
Video Compression	H.265+/H.265 H.264+/H.264	H.265+/H.265 H.264+/H.264	H.265+/H.265 H.264+/H.264	H.265+/H.265 H.264+/H.264	H.265+/H.265 H.264+/H.264	H.265+/H.265 H.264+/H.264	H.265+/H.265 H.264+/H.264
Max. Resolution	4M(2688×1520)	1080P(1920×1080)	4K(3840×2160)	4M(2668×1520)	1080P(1920×1080)	4M(2688×1520)	1080P(1920×1080)
Frame Rate	30fps@4M	60fps@1080P	15fps@4K,30fps@3M	30fps@4M	60fps@1080P	30fps@4M	60fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	Pan: 0°~355°; Tilt: 0°~75° Rotation: 0°~360°	Pan: 0°~355°; Tilt: 0°~75° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~78° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~78° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~78° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°
Intelligent Video	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection	Tripwire,Intrusion Scene Change Abandoned/Missing Face Detection
Compatibility	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI
Audio In/Out	Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic	--	--
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	--	--
Alarm In/Out	--	--	--	--	--	--	--
Ingress Protection	IP66	IP66	IP67	IP67	IP67	IP67	IP67
Working Temperature	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)	-30°C~+60°C (-22°F ~+140°F)
Power	DC12V PoE (802.3af)(Class 0) Max. 3W	DC12V PoE (802.3af)(Class 0) Max.3W	DC12V PoE (802.3af)(Class 0) Max. 5.5W	DC12V PoE (802.3af)(Class 0) Max. 5W	DC12V PoE (802.3af)(Class 0) Max. 5W	DC12V PoE (802.3af)(Class 0) Max. 6W	DC12V PoE (802.3af)(Class 0) Max. 6W






Lite Series

- Affordable price
- Stable, Efficient, Easy-installation







Lite Series

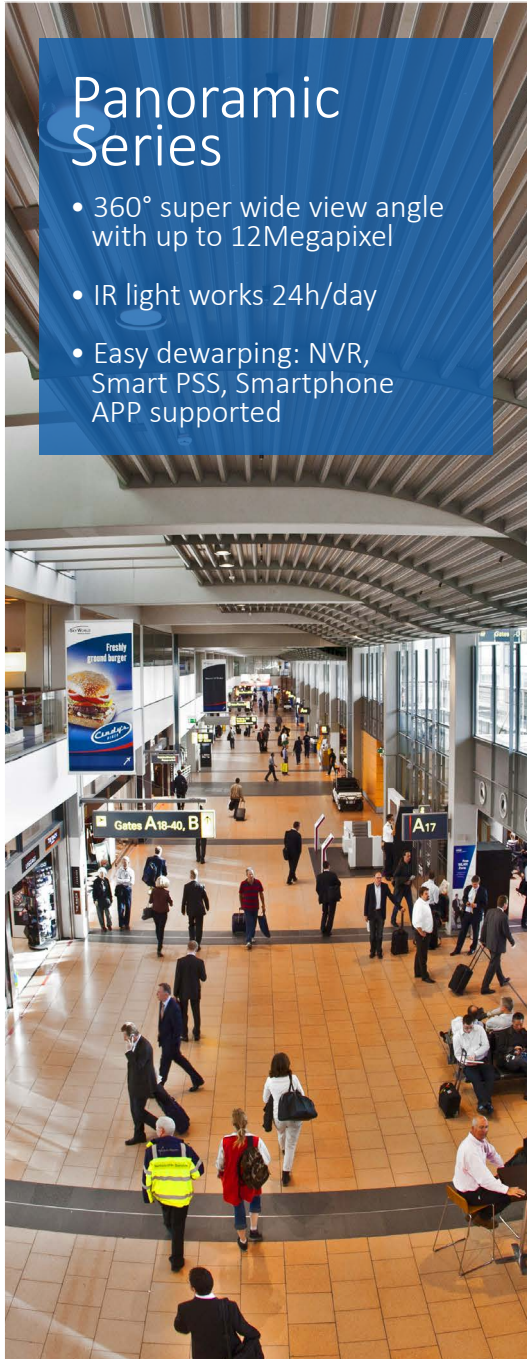
	Vari-Focal Bullet		
	IPC-HFW2421R-VFS/ZS-IRE6	IPC-HFW2320R-VFS/ZS-IRE6	IPC-HFW2221R-VFS/ZS-IRE6
Model			
Image Sensor	1/3" 4Mp CMOS	1/3" 3Mp CMOS	1/2.7" 2Mp CMOS
Lens	2.7~12mm/F1.4 Manual(-VFS) Motorized(-ZS)	2.7~12mm/F1.4 Manual(-VFS) Motorized(-ZS)	2.7~12mm/F1.4 Manual(-VFS) Motorized(-ZS)
FOV-H	100°~ 35°	87°~ 29°	99°~ 37°
Min. Illumination	0. 1Lux/F1.4 (Color) 0Lux/F1.4(IR on)	0. 1Lux/F1.4 (Color) 0Lux/F1.4(IR on)	0. 1Lux/F1.4 (Color) 0Lux/F1.4(IR on)
Day/Night	ICR	ICR	ICR
WDR	120dB	DWDR	120dB
Max. IR Distance	60m(197ft)	60m(197ft)	60m(197ft)
Video Compression	H.264+/H.264	H.264+/H.264	H.264+/H.264
Max. Resolution	4M(2688x1520)	3M(2048x1536)	1080P(1920x1080)
Frame Rate	20fps@4M, 30fps@3M	20fps@3M, 30fps@1080P	30fps@1080P
Multi-streaming	2 streams	2 streams	2 streams
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°
Intelligent Video	--	--	--
Compatibility	ONVIF profile S&G, CGI	ONVIF profile S&G, CGI	ONVIF profile S&G, CGI
Audio In/Out	--	--	--
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Alarm In/Out	--	--	--
Ingress Protection	IP67	IP67	IP67
Working Temperature	-30°C~+60°C(-22°F ~ +140°F)	-30°C~+60°C(-22°F ~ +140°F)	-30°C~+60°C(-22°F ~ +140°F)
Power	DC12V,PoE (802.3af)(Class 0) Max. 12.95W	DC12V,PoE (802.3af)(Class 0) Max. 12.95W	DC12V,PoE (802.3af)(Class 0) Max. 12.95W

Lite Series						
	Vari-Focal Dome			Vari-Focal Eyeball		
	IPC-HDBW2421R-VFS/ZS	IPC-HDBW2320R-VFS/ZS	IPC-HDBW2221R-VFS/ZS	IPC-HDW2421R-ZS	IPC-HDW2320R-ZS	IPC-HDW2221R-ZS
Model						
Image Sensor	1/3" 4Mp CMOS	1/3" 3Mp CMOS	1/2.7" 2Mp CMOS	1/3" 4Mp CMOS	1/3" 3Mp CMOS	1/2.7" 2Mp CMOS
Lens	2.7~12mm/F1.4 Manual(-VFS) Motorized(-ZS)	2.7~12mm/F1.4 Manual(-VFS) Motorized(-ZS)	2.7~12mm/F1.4 Manual(-VFS) Motorized(-ZS)	2.7~12mm/F1.4 Motorized	2.7~12mm/F1.4 Motorized	2.7~12mm/F1.4 Motorized
FOV-H	100°~ 35°	87°~ 29°	99°~ 37°	87°~ 29°	99°~ 37°	99°~37°
Min. Illumination	0. 1Lux/F1.4 (Color) 0Lux/F1.4(IR on)	0. 1Lux/F1.4 (Color) 0Lux/F1.4(IR on)	0. 1Lux/F1.4 (Color) 0Lux/F1.4(IR on)	0. 1Lux/F1.4 (Color) 0Lux/F1.4(IR on)	0. 1Lux/F1.4 (Color) 0Lux/F1.4(IR on)	0. 1Lux/F1.4 (Color) 0Lux/F1.4 (IR on)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR
WDR	120dB	DWDR	120dB	120dB	120dB	120dB
Max. IR Distance	30m(98ft)	30m(98ft)	30m(98ft)	60m(197ft)	60m(197ft)	60m(197ft)
Video Compression	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264
Max. Resolution	4M(2688x1520)	3M(2048x1536)	1080P(1920x1080)	4M(2688x1520)	3M(2048x1536)	1080P(1920x1080)
Frame Rate	20fps@4M 30fps@3M	20fps@3M 30fps@1080P	30fps@1080P	20fps@4M 30fps@3M	20fps@3M 30fps@1080P	30fps@1080P
Multi-streaming	2 streams	2 streams	2 streams	2 streams	2 streams	2 streams
Pan/Tilt/Rotation	Pan: 0°~360° Tilt: 0°~80° Rotation: 0°~360°	Pan: 0°~360° Tilt: 0°~75° Rotation: 0°~360°	Pan: 0°~360° Tilt: 0°~75° Rotation: 0°~360°	Pan: 0°~360° Tilt: 0°~78° Rotation: 0°~360°	Pan: 0°~360° Tilt: 0°~78° Rotation: 0°~360°	Pan: 0°~360° Tilt: 0°~78° Rotation: 0°~360°
Intelligent Video	--	--	--	--	--	--
Compatibility	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI
Audio In/Out	--	--	--	--	--	--
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Alarm In/Out	--	--	--	--	--	--
Ingress Protection	IP67,IK10	IP67,IK10	IP67,IK10	IP67	IP67	IP67
Working Temperature	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)
Power	DC12V, PoE (802.3af)(Class 0) Max. 9.75W	DC12V, PoE (802.3af)(Class 0) Max. 6.25W	DC12V, PoE (802.3af)(Class 0) Max. 9.87W	DC12V, PoE (802.3af)(Class 0) Max. 8.8W	DC12V, PoE (802.3af)(Class 0) Max. 9.87W	DC12V, PoE (802.3af)(Class 0) Max. 9.87W

Lite Series						
	Fixed Mini-Bullet				Fixed Mini-Dome	
Model	IPC-HFW1420S	IPC-HFW1320S	IPC-HFW1220S	IPC-HFW1120S	IPC-HDBW1420E	IPC-HDBW1320E
						
Image Sensor	1/3" 4Mp CMOS	1/3" 3Mp CMOS	1/2.9" 2Mp CMOS	1/3" 1.3Mp CMOS	1/3" 4Mp CMOS	1/3" 3Mp CMOS
Lens	2.8mm/F2.0 3.6mm/F2.0	2.8mm/F2.0 3.6mm/F2.0	2.8mm/F2.0 3.6mm/F2.0	2.8mm/F2.5 3.6mm/F2.5	2.8mm/F2.0 3.6mm/F2.0	2.8mm/F2.0 3.6mm/F2.0
FOV-H	92°/81°	98°/77°	110°/83°	97°/73°	92°/81°	98°/77°
Min. Illumination	0.1Lux/F2.0 (Color) 0Lux/F2.0 (IR on)	0.1Lux/F2.0 (Color) 0Lux/F2.0 (IR on)	0.1Lux/F2.0 (Color) 0Lux/F2.0 (IR on)	0.5Lux/F2.5 (Color) 0Lux/F2.5 (IR on)	0.1Lux/F2.0 (Color) 0Lux/F2.0 (IR on)	0.1Lux/F2.0 (Color) 0Lux/F2.0 (IR on)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Distance	30m(98ft)	30m(98ft)	30m(98ft)	30m(98ft)	30m(98ft)	30m(98ft)
Video Compression	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264
Max. Resolution	4M(2688x1520)	3M(2048x1536)	1080P(1920x1080)	1.3M(1280x960)	3M(2048x1536)	3M(2048x1536)
Frame Rate	20fps@4M 30fps@3M	20fps@3M 30fps@1080P	30fps@1080P	30fps@1.3M	20fps@4M 30fps@3M	20fps@3M 30fps@1080P
Multi-streaming	2 streams	2 streams	2 streams	2 streams	2 streams	2 streams
Pan/Tilt/Rotation	Pan: 0°~360° Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~355° Tilt: 0°~65° Rotation: 0°~355°	Pan: 0°~355° Tilt: 0°~65° Rotation: 0°~355°
Intelligent Video	--	--	--	--	--	--
Compatibility	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI
Audio In/Out	--	--	--	--	--	--
Memory Slot	--	--	--	--	--	--
Alarm In/Out	--	--	--	--	--	--
Ingress Protection	IP67	IP67	IP67	IP67	IP67, IK10	IP67, IK10
Working Temperature	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)
Power	DC12V, PoE (802.3af)(Class 0) Max. 8W	DC12V, PoE (802.3af)(Class 0) Max. 7.5W	DC12V, PoE (802.3af)(Class 0) Max. 6.4W	DC12V, PoE (802.3af)(Class 0) Max. 6.8W	DC12V, PoE (802.3af)(Class 0) Max. 5.5W	DC12V, PoE (802.3af)(Class 0) Max. 5W

NETWORK CAMERA

Lite Series						
	Fixed Mini-Dome		Fixed Eyeball			
	IPC-HDBW1220E	IPC-HDBW1120E	IPC-HDW1420S	IPC-HDW1320S	IPC-HDW1220S	IPC-HDW1120S
Model						
Image Sensor	1/2.9" 2Mp CMOS	1/3" 1.3Mp CMOS	1/3" 4Mp CMOS	1/3" 3Mp CMOS	1/2.9" 2Mp CMOS	1/3" 1.3Mp CMOS
Lens	2.8mm/F2.0 3.6mm/F2.0	2.8mm/F2.5 3.6mm/F2.5	2.8mm/F2.0 3.6mm/F2.0	2.8mm/F2.0 3.6mm/F2.0	2.8mm/F2.0 3.6mm/F2.0	2.8mm/F2.5 3.6mm/F2.5
FOV-H	110°/83°	97°/73°	92°/81°	98°/77°	110°/83°	97°/73°
Min. Illumination	0.1Lux/F2.0 (Color) 0Lux/F2.0(IR on)	0.5Lux/F2.5 (Color) 0Lux/F2.5(IR on)	0.1Lux/F2.0 (Color) 0Lux/F2.0(IR on)	0.1Lux/F2.0 (Color) 0Lux/F2.0(IR on)	0.1Lux/F2.0 (Color) 0Lux/F2.0(IR on)	0.5Lux/F2.5 (Color) 0Lux/F2.5(IR on)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Distance	30m(98ft)	30m(98ft)	30m(98ft)	30m(98ft)	30m(98ft)	30m(98ft)
Video Compression	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264
Max. Resolution	1080P(1920×1080)	1.3M(1280×960)	4M(2688×1520)	3M(2048×1536)	1080P(1920×1080)	1.3M(1280×960)
Frame Rate	30fps@1080P	30fps@1.3M	20fps@4M 30fps@3M	20fps@3M 30fps@1080P	30fps@1080P	30fps@1.3M
Multi-streaming	2 streams	2 streams	2 streams	2 streams	2 streams	2 streams
Pan/Tilt/Rotation	Pan: 0°~355° Tilt: 0°~65° Rotation: 0°~355°	Pan: 0°~355° Tilt: 0°~65° Rotation: 0°~355°	Pan: 0°~360° Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotation: 0°~360°
Intelligent Video	--	--	--	--	--	--
Compatibility	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI
Audio In/Out	--	--	--	--	--	--
Memory Slot	--	--	--	--	--	--
Alarm In/Out	--	--	--	--	--	--
Ingress Protection	IP67,IK10	IP67,IK10	IP67	IP67	IP67	IP67
Working Temperature	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)
Power	DC12V, PoE (802.3af)(Class 0) Max. 3.7W	DC12V, PoE (802.3af)(Class 0) Max. 3.7W	DC12V, PoE (802.3af)(Class 0) Max. 6.9W	DC12V, PoE (802.3af)(Class 0) Max. 6.4W	DC12V, PoE (802.3af)(Class 0) Max. 5.4W	DC12V, PoE (802.3af)(Class 0) Max. 5.8W



Panoramic Series

- 360° super wide view angle with up to 12Megapixel
- IR light works 24h/day
- Easy dewarping: NVR, Smart PSS, Smartphone APP supported

Panoramic Series						
	Panoramic					
Model	IPC-PFW8601-A180	IPC-EBW81230	IPC-EBW8630	IPC-EBW8630-IVC	IPC-EB5500	IPC-EB5400
Image Sensor	3x 1/2.8" 2Mp Exmor R CMOS	1/1.7" 12M Exmor R CMOS	1/1.8" 6M Exmor R CMOS	1/1.8" 6M Exmor R CMOS	1/3" 5Mp CMOS	1/3" 4Mp CMOS
Lens	3x 3.6mm/F1.8	1.98mm/F2.8	1.7mm/F2.0	1.3mm/F2.8	1.42mm/F2.6	1.18mm/F2.2
FOV-H	180°	185°/185°/185°	185°/185°/185°	185°/185°/185°	185°/185°/185°	185°/185°/185°
Min. Illumination	0.007Lux/F1.8(Color) 0Lux/F1.8(IR on)	0.01Lux/F2.8(Color) 0Lux/F2.8(IR on)	0.01Lux/F2.0(Color) 0Lux/F2.0(IR on)	0.01Lux/F2.8(Color) 0Lux/F2.8(IR on)	0.1Lux/F2.6(Color) 0.05Lux/F2.6(B/W)	0.1Lux/F2.2(Color) 0.05Lux/F2.2(B/W)
Max. IR Distance	30m(98.4ft)	10m(32.8ft)	10m(32.8ft)	10m(32.8ft)	--	--
Day/Night	ICR	ICR	ICR	ICR	Electronic	Electronic
WDR	120dB	DWDR	DWDR	DWDR	DWDR	DWDR
Video Compression	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.264+/H.264	H.264+/H.264
Resolution	(4096x832)	12M(4000x3000)	6M(3072x2048)	6M(3072x2048)	4M(2592x1944)	4M(2592x1520)
Frame Rate	30fps@(4096x832)	15fps@12M, 30fps@3M	30fps@6M	30fps@6M	12fps@5M, 30fps@UXGA	15fps@4M, 30fps@UXGA
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	--	--	--	--	--
Intelligent Video	Tripwire, Intrusion Scene Change Abandoned/Missing Face Detection People Counting, Heat Map	Tripwire, Intrusion Heat map	Tripwire, Intrusion Heat map	Tripwire, Intrusion Heat map	Heat map	Heat map
Correct Mode	--	10; 1P+3R; 2R 10+2R; 10+3R; 4R 10+4R; 1P+6R; 1O+8R	10; 1P+3R; 2R 10+2R; 10+3R; 4R 10+4R; 1P+6R; 1O+8R	10; 1P+3R; 2R 10+2R; 10+3R; 4R 10+4R; 1P+6R; 1O+8R	10; 1P+3R; 2R 10+2R; 10+3R; 4R 10+4R; 1P+6R; 1O+8R	10; 1P+3R; 2R 10+2R; 10+3R; 4R 10+4R; 1P+6R; 1O+8R
Compatibility	ONVIF profile S&G, CGI	ONVIF profile S&G, CGI	ONVIF profile S&G, CGI	ONVIF profile S&G, CGI	ONVIF profile S&G, CGI	ONVIF profile S&G, CGI
Audio In/Out	1/1	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 64GB	Micro SD, Max. 64GB
Alarm In/Out	2/1	2/1	2/1	2/1	1/1	1/1
Ingress Protection	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IK10	IK10
Working Temperature	-40°C~+60°C (-40°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)
Power	AC24V PoE+(802.3at)(Class 4) Max. 23W	DC12V PoE+(802.3at)(Class 4) Max. 13W	DC12V PoE+(802.3at)(Class 4) Max. 13W	DC12V PoE+(802.3at)(Class 4) Max. 13W	DC12V PoE (802.3af)(Class 0) Max. 6W	DC12V PoE (802.3af)(Class 0) Max. 6W

NETWORK PTZ CAMERA



Ultra Series

- High sensitivity and low noise with back-illuminated pixel technology
- 30x optical zoom 4K PTZ brings more benefits
- Intelligent auto-tracking PTZ can easily track objects
- Superior image features: Ultra starlight/WDR
- Powerful protection: IP67, IK10
- Long IR distance: Max.500m



Ultra Series						
	Outdoor IR PTZ Camera				Outdoor PTZ Camera	Outdoor IR PTZ Camera
Model	SD6AE830V-HNI	SD6AL830V-HNI	SD6AE230F-HNI	SD6AL230F-HNI	SD65F230F-HNI	SD6AE240V-HNI
Image Sensor	1/1.7" 12Mp Exmor R CMOS	1/1.7" 12Mp Exmor R CMOS	1/1.9" 2Mp Exmor CMOS	1/1.9" 2Mp Exmor CMOS	1/1.9" 2Mp Exmor CMOS	1/2.8" 2Mp Exmor R CMOS
Lens	6~180mm (30x Optical zoom)	6~180mm (30x Optical zoom)	6~180mm (30x Optical zoom)	6~180mm (30x Optical zoom)	6~180mm (30x Optical zoom)	4.5~180mm (40x Optical zoom)
FOV-H	61.2°~2.1°	61.2°~2.1°	61.2°~2.1°	61.2°~2.1°	61.2°~2.1°	67.5°~1.7°
Min. Illumination	0.05Lux/F1.6(Color) 0Lux /F1.6(IR on)	0.05Lux/F1.6(Color) 0Lux /F1.6 (IR on)	0.002Lux/F1.5(Color) 0Lux /F1.5 (IR on)	0.002Lux/F1.5(Color) 0Lux /F1.5 (IR on)	0.002Lux/F1.5(Color) 0.0002Lux/F1.5(B/W)	0.005Lux/F1.2(Color) 0Lux/F1.2(IR on)
WDR	DWDR	DWDR	120dB	120dB	120dB	120dB
Max. IR Distance	200m(656ft)	500m(1640ft)	200m(656ft)	500m(1640ft)	--	200m(656ft)
Video Compression	H.265/H.264	H.265/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.265/H.264
Max. Resolution	4K(3840×2160)	4K(3840×2160)	1080P(1920×1080)	1080P(1920×1080)	1080P(1920×1080)	1080P(1920 x 1080)
Frame Rate	30fps@4K/3M 60fps@1080P	30fps@4K/3M 60fps@1080P	30fps@1080P 60fps@720P	30fps@1080P 60fps@720P	30fps@1080P 60fps@720P	60fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt	Pan: 0° ~ 360° endless Tilt: -20° ~ 90°	Pan: 0° ~ 360° endless Tilt: -20° ~ 90°	Pan: 0° ~ 360° endless Tilt: -20° ~ 90°	Pan: 0° ~ 360° endless Tilt: -20° ~ 90°	Pan: 0° ~ 360° endless Tilt: -20° ~ 90°	Pan: 0° ~ 360° endless Tilt: -20° ~ 90°
Preset Speed	Pan: 240° /s Tilt: 200° /s	Pan: 240° /s Tilt: 200° /s	Pan: 240° /s Tilt: 200° /s	Pan: 240° /s Tilt: 200° /s	Pan: 600° /s Tilt: 500° /s	Pan: 240° /s Tilt: 200° /s
Auto Tracking	Support	Support	Support	Support	Support	Support
Intelligent Video	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection
Compatibility	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profiles&G, CGI
Audio In/Out	1/1	1/1	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Alarm In/Out	7/2	7/2	7/2	7/2	7/2	7/2
Ingress Protection	IP67, IK10	IP67	IP67, IK10	IP67	IP67, IK10	IP67, IK10
Working Temperature	-40°C ~ +70°C (-40°F ~ +158°F)	-40°C ~ +70°C (-40°F ~ +158°F)	-40°C ~ +70°C (-40°F ~ +158°F)	-40°C ~ +70°C (-40°F ~ +158°F)	-40°C ~ +70°C (-40°F ~ +158°F)	-40°C ~ +70°C (-40°F ~ +158°F)
Power	AC24V, Hi-PoE Max. 38W	AC24V, Hi-PoE Max. 38W	AC24V, Hi-PoE Max. 38W	AC24V, Hi-PoE Max. 38W	AC24V, PoE+(802.3at) Max. 20W	AC24V, Hi-PoE Max. 38W

NETWORK PTZ CAMERA



Pro Series

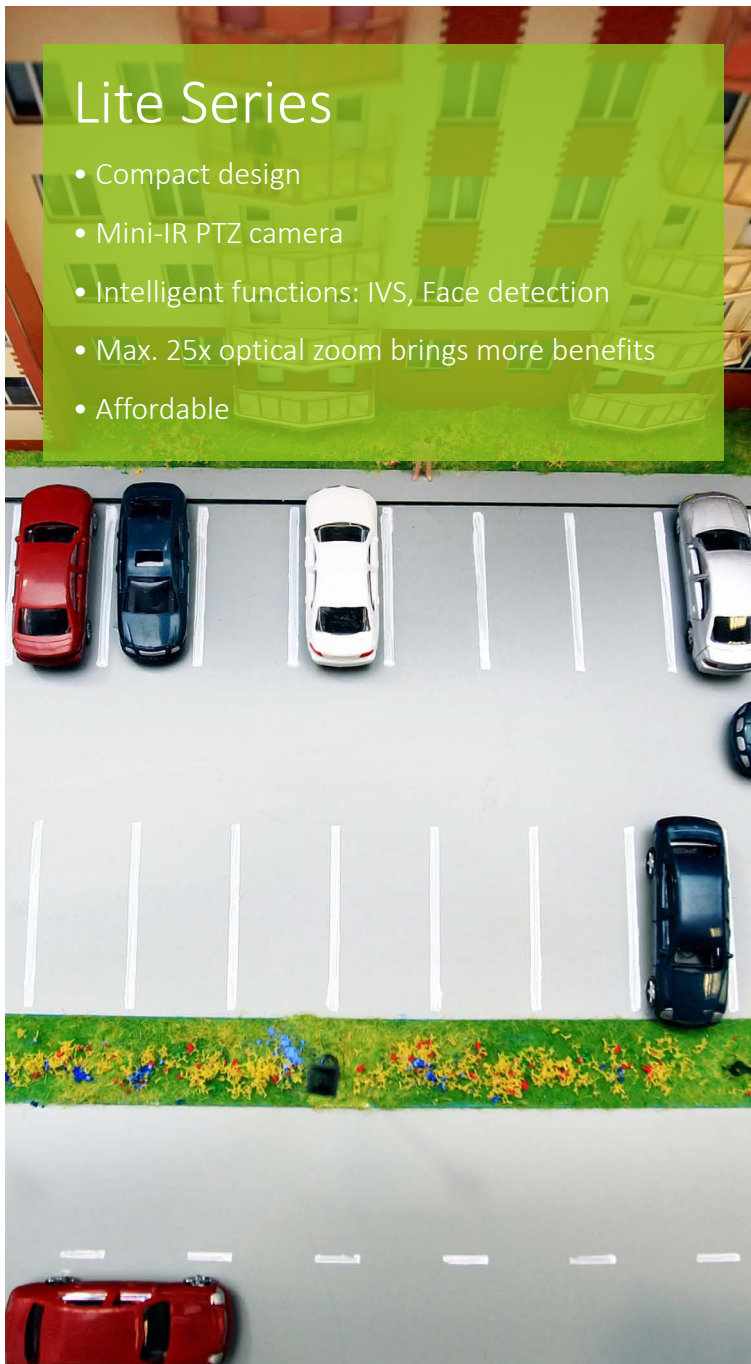
- Rich housings and models
- Advanced intelligent functions: IVS, Auto-tracking, face detection
- Advanced H.265 encoding helps to save up to 50% bandwidth and storage
- Powerful protection: IP67/IP66, IK10
- High quality image with starlight technology

Pro Series

	Outdoor IR PTZ Camera			
	SD6C430U-HNI	SD6C230U-HNI	SD6C225U-HNI	SD6C131U-HNI
Model				
Image Sensor	1/3" 4Mp CMOS	1/2.8" 2Mp Exmor R CMOS	1/2.8" 2Mp Exmor R CMOS	1/2.8" Exmor R CMOS
Lens	4.5 ~ 135mm (30x Optical zoom)	4.5~135mm (30x Optical zoom)	4.8~120mm (25x Optical zoom)	4.8~148.8mm (31x Optical zoom)
FOV-H	60° ~ 2.2°	67.8° ~ 2.4°	59.2° ~ 2.4°	H: 58.3° ~ 1.9°
Min. Illumination	0.05Lux/F1.6(Color) 0Lux/F1.6(IR on)	0.005Lux/F1.6(Color) 0Lux/F1.6(IR on)	0.005Lux/F1.6(Color) 0Lux/F1.6(IR on)	0.005Lux/F1.6(Color) 0Lux/F1.6(IR on)
WDR	120dB	120dB	120dB	120dB
Max. IR Distance	100m(328ft)	150m(492ft)	150m(492ft)	150m(492ft)
Video Compression	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
Max. Resolution	4M(2592x1520)	1080P(1920x1080)	1080P(1920x1080)	720P(1280x720)
Frame Rate	30fps@4M/3M 60fps@1080P	60fps@1080P	60fps@1080P	60fps@720P
Multi-streaming	3 streams	3 streams	3 streams	3 streams
Pan/Tilt	Pan: 0° ~ 360° endless Tilt: -15° ~ 90°	Pan: 0° ~ 360° endless Tilt: -15° ~ 90°	Pan: 0° ~ 360° endless Tilt: -15° ~ 90°	Pan: 0° ~ 360° endless Tilt: -15° ~ 90°
Preset Speed	Pan: 240° /s; Tilt: 200° /s	Pan: 240° /s; Tilt: 200° /s	Pan: 240° /s; Tilt: 200° /s	Pan: 240° /s; Tilt: 200° /s
Auto Tracking	Support	Support	Support	Support
Intelligent Video	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection
Compatibility	ONVIF profile S&G, CGI	ONVIF profile S&G, CGI	ONVIF profile S&G, CGI	ONVIF profile S&G, CGI
Audio In/Out	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Alarm In/Out	2/1	2/1	2/1	2/1
Ingress Protection	IP66	IP66	IP66	IP66
Working Temperature	-40°C ~ +60°C (-40°F ~ +140°F)	-40°C ~ +60°C (-40°F ~ +140°F)	-40°C ~ +60°C (-40°F ~ +140°F)	-40°C ~ +60°C (-40°F ~ +140°F)
Power	AC24V Max. 26W	AC24V Max. 26W	AC24V Max. 26W	AC24V Max. 26W

Pro Series						
	In-ceiling PTZ Camera				IR Housing Zoom Camera	Zoom Camera
Model	SD52C430U-HNI	SD52C230U-HNI	SD52C225U-HNI	SD52C131U-HNI	SDZW2030S-N	SDZ2030S-N
	 H.265	 H.265 Starlight	 H.265 Starlight	 H.265 Starlight	 H.265 Starlight	 H.265 Starlight
Image Sensor	1/3" 4Mp CMOS	1/2.8" 2Mp Exmor R CMOS	1/2.8" 2Mp Exmor R CMOS	1/2.8" Exmor R CMOS	1/2.8" 2Mp Exmor R CMOS	1/2.8" 2Mp Exmor R CMOS
Lens	4.5~135mm (30x Optical zoom)	4.5~135mm (30x Optical zoom)	4.8~120mm (25x Optical zoom)	4.8~150mm (31x Optical zoom)	4.5~135mm (30x Optical zoom)	4.5~135mm (30x Optical zoom)
FOV-H	60° ~ 2.2°	67.8° ~ 2.4°	59.2° ~ 2.4°	58.3° ~ 1.9°	67.8°~2.4°	67.8°~2.4°
Min. Illumination	0.05Lux/F1.6(Color) 0.005Lux/F1.6(B/W)	0.005Lux/F1.6(Color) 0.0005Lux/F1.6(B/W)	0.005Lux/F1.6(Color) 0.0005Lux/F1.6(B/W)	0.005Lux/F1.6(Color) 0.0005Lux/F1.6(B/W)	0.005Lux/F1.6(Color) 0Lux/ 1.6F (IR on)	0.005Lux/F1.6(Color) 0.0005Lux/F1.6(B/W)
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Max. IR Distance	--	--	--	--	150m(492ft)	--
Video Compression	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
Max. Resolution	4M(2592×1520)	1080P(1920×1080)	1080P(1920×1080)	720P(1280×720)	1080P(1920×1080)	1080P(1920×1080)
Frame Rate	30fps@4M/3M 60fps@1080P	60fps@1080P	60fps@1080P	60fps@720P	60fps@1080P	60fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt	Pan: 0° ~ 360° endless Tilt: 0° ~ 90°	Pan: 0° ~ 360° endless Tilt: 0° ~ 90°	Pan: 0° ~ 360° endless Tilt: 0° ~ 90°	Pan: 0° ~ 360° endless Tilt: 0° ~ 90°	--	--
Preset Speed	Pan: 500° /s; Tilt: 500° /s	Pan: 500° /s; Tilt: 500° /s	Pan: 500° /s; Tilt: 500° /s	Pan: 500° /s; Tilt: 500° /s	--	--
Auto Tracking	Support	Support	Support	Support	--	--
Intelligent Video	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection
Compatibility	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI
Audio In/Out	1/1	1/1	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Alarm In/Out	2/1	2/1	2/1	2/1	2/1	2/1
Ingress Protection	IK10	IK10	IK10	IK10	IP66	--
Working Temperature	-30°C ~ +60°C (-22°F ~ +140°F)	-30°C ~ +60°C (-22°F ~ +140°F)	-30°C ~ +60°C (-22°F ~ +140°F)	-30°C ~ +60°C (-22°F ~ +140°F)	-40°C ~ +70°C (-40°F ~ +158°F)	-40°C ~ +70°C (-40°F ~ +158°F)
Power	AC24V,PoE+(802.3at) Max. 13W	AC24V,PoE+(802.3at) Max. 13W	AC24V,PoE+(802.3at) Max. 13W	AC24V,PoE+(802.3at) Max. 13W	DC12V Max. 50W	DC12V, PoE(802.3af) Max. 10W






NETWORK PTZ CAMERA



Lite Series

- Compact design
- Mini-IR PTZ camera
- Intelligent functions: IVS, Face detection
- Max. 25x optical zoom brings more benefits
- Affordable

Lite Series		
	Outdoor IR PTZ Camera	
	SD49225T-HN	SD49212T-HN
Model	 H.265 Starlight	 H.265 Starlight
Image Sensor	1/2.8" 2Mp Exmor R CMOS	1/2.8" 2Mp Exmor R CMOS
Lens	4.8~120mm (25x Optical zoom)	5.3~64mm (12x Optical zoom)
FOV-H	59.2°~2.4°	58.2°~4.8°
Min. Illumination	0.005Lux/F1.6(Color) 0Lux/F1.6(IR on)	0.005Lux/F1.6(Color) 0Lux/F1.6(IR on)
WDR	120dB	120dB
Max. IR Distance	100m(328ft)	100m(328ft)
Video Compression	H.265/H.264	H.265/H.264
Max. Resolution	1080P(1920x1080)	1080P(1920x1080)
Frame Rate	60fps@1080P	60fps@1080P
Multi-streaming	3 streams	3 streams
Pan/Tilt	Pan: 0° ~ 360° endless Tilt: -15° ~ 90°	Pan: 0° ~ 360° endless Tilt: -15° ~ 90°
Preset Speed	Pan: 240° /s; Tilt: 200° /s	Pan: 240° /s; Tilt: 200° /s
Intelligent Video	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection
Compatibility	ONVIF profileS& G, CGI	ONVIF profileS&G, CGI
Audio In/Out	1/1	1/1
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Alarm In/Out	2/1	2/1
Ingress Protection	IP66	IP66
Working Temperature	-40°C ~ +70°C (-40°F ~ +158°F)	-40°C ~ +70°C (-40°F ~ +158°F)
Power	DC12V/3A, PoE+(802.3at) Max. 20W	DC12V/3A, PoE+(802.3at) Max. 20W

Lite Series					
	Outdoor PTZ Camera	Indoor PTZ Camera	In-ceiling PTZ Camera	Mini IR PTZ Camera	Mini PTZ Camera
Model	SD40212T-HN	SD42212T-HN	SD42C212T-HN	SD29204T-GN	SD22204T-GN
				 	
Image Sensor	1/2.7" 2Mp CMOS	1/2.7" 2Mp CMOS	1/2.7" 2Mp CMOS	1/2.7" 2Mp CMOS	1/2.7" 2Mp CMOS
Lens	5.1~61.2mm (12x Optical zoom)	5.1~61.2mm (12x Optical zoom)	5.1~61.2mm (12x Optical zoom)	2.7~11mm (4x Optical zoom)	2.7~11mm (4x Optical zoom)
FOV-H	59.3°~5.2°	59.3°~5.2°	59.3°~5.2°	112.5°~30°	112.5°~30°
Min. Illumination	0.05Lux/F1.6(Color) 0.005Lux/F1.6(B/W)	0.05Lux/F1.6(Color) 0.005Lux/F1.6(B/W)	0.05Lux/F1.6(Color) 0.005Lux/F1.6(B/W)	0.05Lux/F1.6(Color) 0Lux/F1.6(IR on)	0.05Lux/F1.6(Color) 0.005Lux/F1.6(B/W)
WDR	120dB	120dB	120dB	120dB	120dB
Max. IR Distance	--	--	--	30m(98ft)	--
Video Compression	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264
Max. Resolution	1080P(1920×1080)	1080P(1920×1080)	1080P(1920×1080)	1080P(1920×1080)	1080P(1920×1080)
Frame Rate	30fps@1080P 60fps@720P	30fps@1080P 60fps@720P	30fps@1080P 60fps@720P	30fps@1080P 60fps@720P	30fps@1080P 60fps@720P
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt	Pan: 0° ~ 360° endless Tilt: -2° ~ 90°	Pan: 0° ~ 360° endless Tilt: -2° ~ 90°	Pan: 0° ~ 360° endless Tilt: -2° ~ 90°	Pan: 0° ~ 360° limited Tilt: 0° ~ 90°	Pan: 0° ~ 355° Tilt: 0° ~ 90°
Preset Speed	Pan: 300° /s Tilt: 200° /s	Pan: 300° /s Tilt: 200° /s	Pan: 300° /s Tilt: 200° /s	Pan: 100° /s Tilt: 60° /s	Pan: 100° /s Tilt: 60° /s
Intelligent Video	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection
Compatibility	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI
Audio In/Out	1/1	1/1	1/1	Built-in Mic	--
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Alarm In/Out	2/1	2/1	2/1	--	--
Ingress Protection	IP66, IK10	IP66, IK10	IK10	--	IP66, IK10
Working Temperature	-40°C ~ +60°C (-40°F ~ +140°F)	-30°C ~ +60°C (-22°F ~ +140°F)	-30°C ~ +60°C (-22°F ~ +140°F)	-30°C ~ +60°C (-22°F ~ +140°F)	-30°C ~ +60°C (-22°F ~ +140°F)
Power	AC24V, PoE+(802.3at) Max. 22W	AC24V, PoE+(802.3at) Max. 12W	AC24V, PoE+(802.3at) Max. 12W	DC12V, PoE(802.3af) Max. 13W	DC12V, PoE(802.3af) Max. 10W

NETWORK PTZ CAMERA

Positioning System

- Intelligent Auto-tracking PTZ can easily track objects
- Superior image features: Ultra starlight/WDR
- 30x/40x optical zoom PTZ brings more benefits
- Long IR distance: Max.800m
- Wide monitoring range



Positioning System				
	IR Positioning System		Laser Positioning System	
	PTZ12230F-IRB-N	PTZ12240-IRB-N	PTZ12230F-LR8-N	PTZ12240-LR8-N
Model				
Image Sensor	1/1.9" 2Mp Exmor CMOS	1/2.8" 2Mp Exmor CMOS	1/1.9" 2Mp Exmor CMOS	1/2.8" 2Mp Exmor CMOS
Lens	6~180mm (30x Optical zoom)	7.9mm ~ 316mm (40x Optical zoom)	6~180mm (30x Optical zoom)	7.9mm ~ 316mm (40x Optical zoom)
FOV-H	61.2°~2.1°	41.5°~1.1°	61.2°~2.1°	41.5°~1.1°
Min. Illumination	0.002Lux/F1.6(Color) 0Lux/F1.6 (IR on)	0.05Lux/F1.6(Color) 0Lux/F1.6 (IR on)	0.002Lux/F1.6(Color) 0Lux/F1.6 (IR on)	0.05Lux/F1.6(Color) 0Lux/F1.6 (IR on)
WDR	120dB	DWDR	120dB	DWDR
Max. IR Distance	300m(984ft)	300m(984ft)	800m(2625ft)	800m(2625ft)
Video Compression	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264
Max. Resolution	1080P(1920×1080)	1080P(1920×1080)	1080P(1920×1080)	1080P(1920×1080)
Frame Rate	30fps@1080P, 60fps@720P	30fps@1080P, 60fps@720P	30fps@1080P, 60fps@720P	30fps@1080P, 60fps@720P
Multi-streaming	3 streams	3 streams	3 streams	3 streams
Pan/Tilt	Pan: 0° ~ 360° endless Tilt: -90° ~ 45°	Pan: 0° ~ 360° endless Tilt: -90° ~ 45°	Pan: 0° ~ 360° endless Tilt: -90° ~ 45°	Pan: 0° ~ 360° endless Tilt: -90° ~ 45°
Preset Speed	Pan: 160° /s; Tilt: 60° /s	Pan: 160° /s; Tilt: 60° /s	Pan: 160° /s; Tilt: 60° /s	Pan: 160° /s; Tilt: 60° /s
Auto Tracking	Support	Support	Support	Support
Intelligent Video	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection
Compatibility	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI
Audio In/Out	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Alarm In/Out	7/2	7/2	7/2	7/2
Ingress Protection	IP66	IP66	IP66	IP66
Working Temperature	-40°C ~ +70°C(-40°F ~ +158°F)	-40°C ~ +70°C(-40°F ~ +158°F)	-40°C ~ +70°C(-40°F ~ +158°F)	-40°C ~ +70°C(-40°F ~ +158°F)
Power	AC24V Max. 90W	AC24V Max. 90W	AC24V Max. 90W	AC24V Max. 90W

NETWORK VIDEO RECORDER



NETWORK VIDEO RECORDER

Ultra Series

- Powerful Intel Multi-core CPU features perfect processing capability
- High standard industrial structure design creates high reliable products
- Excellent redundant mechanism makes devices safer and more robust
- Fisheye Dewarp, POS(optional), N+M fail over
- Advanced intelligent functions: IVS/Face Detection

Ultra Series

	24HDD Ultra NVR			
	NVR724DR-256	NVR724R-256	NVR724D-256	NVR724-256
Model				
Processor	Intel Quad Core CPU	Intel Quad Core CPU	Intel Quad Core CPU	Intel Quad Core CPU
Video Compression	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG
IP Video Inputs	256 channel	256 channel	256 channel	256 channel
Max Input/Record	512Mbps/512Mbps	512Mbps/512Mbps	512Mbps/512Mbps	512Mbps/512Mbps
Max Decoding	20ch@1080P (Optional: 52ch@1080P)	20ch@1080P (Optional: 52ch@1080P)	20ch@1080P (Optional: 52ch@1080P)	20ch@1080P (Optional: 52ch@1080P)
Display	2HDMI(Optional: 10HDMI) VGA, LCD	2HDMI(Optional: 10HDMI) VGA	2HDMI(Optional: 10HDMI) VGA, LCD	2HDMI(Optional: 10HDMI) VGA
Max HDD	24x6TB	24x6TB	24x6TB	24x6TB
RAID	0/1/5/6/10/50/60	0/1/5/6/10/50/60	0/1/5/6/10/50/60	0/1/5/6/10/50/60
eSATA/Mini SAS	1/2	1/2	1/2	1/2
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	4/4	4/4	4/4	4/4
Ethernet	4 Gigabit Ports	4 Gigabit Ports	4 Gigabit Ports	4 Gigabit Ports
PoE	--	--	--	--
USB	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0
Power	AC100V~240V, Redundant <200W(Without HDD)	AC100V~240V, Redundant <200W(Without HDD)	AC100V~240V <200W(Without HDD)	AC100V~240V <200W(Without HDD)
Intelligent Video	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection
Star Features	Fisheye Dewarp, N+M	Fisheye Dewarp, N+M	Fisheye Dewarp, N+M	Fisheye Dewarp, N+M

NETWORK VIDEO RECORDER

Ultra Series







	8HDD Ultra 4K&H.265 NVR				
	NVR608R-128-4KS2	NVR608-128-4KS2	NVR608R-64-4KS2	NVR608-64-4KS2	NVR608-32-4KS2
Model	 H.265	 H.265	 H.265	 H.265	 H.265
Processor	Intel Quad Core CPU	Intel Quad Core CPU	Intel Quad Core CPU	Intel Quad Core CPU	Intel Dual Core CPU
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
IP Video Inputs	128 channel	128 channel	64 channel	64 channel	32 channel
Max Input/Record	384Mbps/384Mbps	384Mbps/384Mbps	384Mbps/384Mbps	384Mbps/384Mbps	384Mbps/384Mbps
Max Decoding	4ch@4K/16ch@1080P	4ch@4K/16ch@1080P	4ch@4K/16ch@1080P	4ch@4K/16ch@1080P	4ch@4K/16ch@1080P
Display	2HDMI, VGA	2HDMI, VGA	2HDMI, VGA	2HDMI, VGA	2HDMI, VGA
Max HDD	8x6TB	8x6TB	8x6TB	8x6TB	8x6TB
RAID	0/1/5/6/10	0/1/5/6/10	0/1/5/6/10	0/1/5/6/10	0/1/5/6/10
eSATA/Mini SAS	1/-	1/-	1/-	1/-	1/-
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	16/8	16/8	16/8	16/8	16/8
Ethernet	2 Gigabit Ports	2 Gigabit Ports	2 Gigabit Ports	2 Gigabit Ports	2 Gigabit Ports
PoE	--	--	--	--	--
USB	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0
Power	AC100V~240V, Redundant <20W(Without HDD)	AC100V~240V <20W(Without HDD)	AC100V~240V, Redundant <20W(Without HDD)	AC100V~240V <20W(Without HDD)	AC100V~240V <20W(Without HDD)
Intelligent Video	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection People Counting Heat Map	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection People Counting Heat Map	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection People Counting Heat Map	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection People Counting Heat Map	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection People Counting Heat Map
Star Features	Fisheye Dewarp, Smart Track POS(Optional), N+M	Fisheye Dewarp, Smart Track POS(Optional), N+M	Fisheye Dewarp, Smart Track POS(Optional), N+M	Fisheye Dewarp, Smart Track POS(Optional), N+M	Fisheye Dewarp, Smart Track POS(Optional), N+M

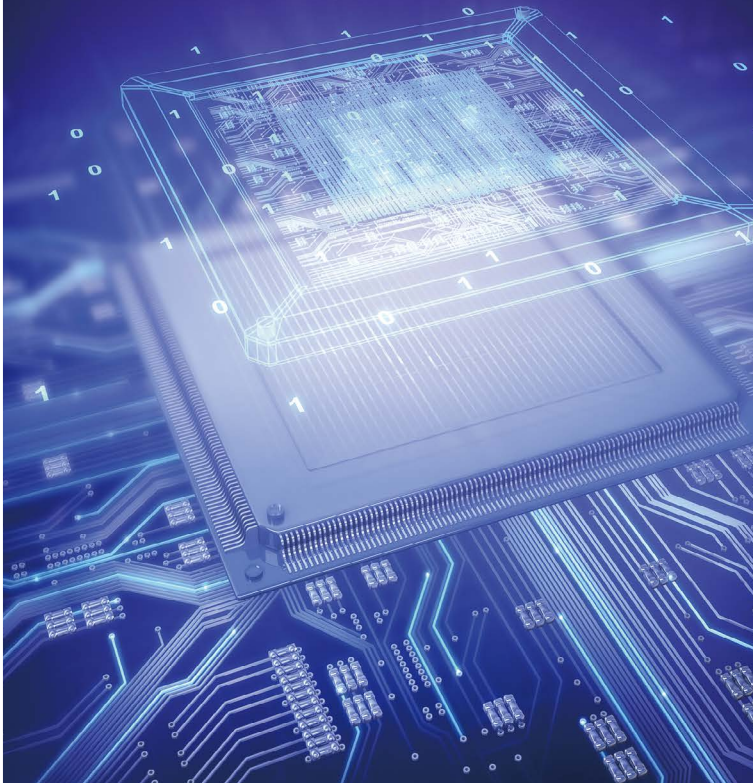
Pro Series

- Powerful processor: ARM Cortex A17 Quad Core CPU
- Advanced H.265 to save up to 50% bandwidth and storage
- Outstanding decode capacity up to 4ch@4K/16ch@1080P
- Fisheye Dewarp, POS(optional), P2P
- Advanced intelligent functions: IVS/Face Detection with smart IPC

















Pro Series

8HDD Professional 4K&H.265 NVR

	NVR5832-4KS2	NVR5816-4KS2	NVR5816-16P-4KS2
Model	 	 	 
Processor	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
IP Video Inputs	32 channel	16 channel	16 channel
Max Input/Record	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps
Max Decoding	4ch@4K/16ch@1080P	4ch@4K/16ch@1080P	4ch@4K/16ch@1080P
Display	2HDMI, VGA	2HDMI, VGA	2HDMI, VGA
Max HDD	8x6TB	8x6TB	8x6TB
RAID	0/1/5/6/10	0/1/5/6/10	0/1/5/6/10
eSATA/Mini SAS	1/-	1/-	1/-
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	16/6	16/6	16/6
Ethernet	2 Gigabit Ports	2 Gigabit Ports	1 Gigabit Port
PoE	--	--	16 Ports (IEEE802.3at/af), 150W
USB	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0
Power	AC100V~240V <16.7W(Without HDD)	AC100V~240V <16.7W(Without HDD)	AC100V~240V <17.5W(Without HDD)
Intelligent Video	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection
Star Features	Fisheye Dewarp, Smart Add POS(Optional), P2P, N+M	Fisheye Dewarp, Smart Add POS(Optional), P2P, N+M	Fisheye Dewarp, Plug & Play, POS(Optional), P2P, N+M






NETWORK VIDEO RECORDER

Pro Series								
	4HDD Professional 4K&H.265 NVR			2HDD Professional 4K&H.265 NVR				
Model	NVR5432-4KS2	NVR5416-4KS2	NVR5416-16P-4KS2	NVR5232-4KS2	NVR5216-4KS2	NVR5208-4KS2	NVR5216-16P-4KS2	NVR5208-8P-4KS2
	 	 	 	 	 	 	 	 
Processor	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
IP Video Inputs	32 channel	16 channel	16 channel	32 channel	16 channel	8 channel	16 channel	8 channel
Max Input/Record	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps
Max Decoding	4ch@4K/ 16ch@1080P	4ch@4K/ 16ch@1080P	4ch@4K/ 16ch@1080P	4ch@4K/ 16ch@1080P	4ch@4K/ 8ch@1080P	4ch@4K/ 16ch@1080P	4ch@4K/ 16ch@1080P	4ch@4K/ 8ch@1080P
Display	2HDMI, VGA	2HDMI, VGA	2HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA
Max HDD	4x6TB	4x6TB	4x6TB	2x6TB	2x6TB	2x6TB	2x6TB	2x6TB
RAID	--	--	--	--	--	--	--	--
eSATA/Mini SAS	1/-	1/-	1/-	--	--	--	--	--
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	16/6	16/6	16/6	4/2	4/2	4/2	4/2	4/2
Ethernet	2 Gigabit Ports	2 Gigabit Ports	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port
PoE	--	--	16 Ports (IEEE802.3at/af) 150W	--	--	--	16 Ports (IEEE802.3at/af) 130W	8 Ports (IEEE802.3at/af) 130W
USB	2 USB3.0, 1 USB2.0	2 USB3.0, 1 USB2.0	2 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0
Power	AC100V~240V <16.7W (Without HDD)	AC100V~240V <16.7W (Without HDD)	AC100V~240V <17.5W (Without HDD)	DC12V/4A <9.5W (Without HDD)	DC12V/4A <9.5W (Without HDD)	DC12V/4A <9.5W (Without HDD)	AC100V~240V <15.2W (Without HDD)	AC100V~240V <14.5W (Without HDD)
Intelligent Video	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection
Star Features	Fisheye Dewarp Smart Add POS(Optional), P2P	Fisheye Dewarp Smart Add POS(Optional), P2P	Fisheye Dewarp Plug & Play POS(Optional), P2P	Fisheye Dewarp Smart Add POS(Optional), P2P	Fisheye Dewarp Smart Add POS(Optional), P2P	Fisheye Dewarp Smart Add POS(Optional), P2P	Fisheye Dewarp Plug & Play POS(Optional), P2P	Fisheye Dewarp Plug & Play POS(Optional), P2P

Lite H.265 Series

- Green-tech: ARM 4K processor with lower power consumption
- Complete range of products from high, middle to entry-level
- Advanced H.265 to save up to 50% bandwidth and storage
- Plug & Play, P2P, Smart Add
- Advanced intelligent functions: IVS/Face Detection with smart IPC



















Lite H.265 Series

	8HDD Lite 4K&H.265 NVR		
	NVR4832-4KS2	NVR4816-4KS2	NVR4816-16P-4KS2
Model	 H.265	 H.265	 H.265
Processor	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU
Video Compression	H.265/H.264	H.265/H.264	H.265/H.264
IP Video Inputs	32 channel	16 channel	16 channel
Max Input/Record	200Mbps/200Mbps	200Mbps/200Mbps	200Mbps/200Mbps
Max Decoding	2ch@4K/8ch@1080P	2ch@4K/8ch@1080P	2ch@4K/8ch@1080P
Display	HDMI, VGA	HDMI, VGA	HDMI, VGA
Max HDD	8x6TB	8x6TB	8x6TB
RAID	--	--	--
eSATA/Mini SAS	--	--	--
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	16/4	16/4	16/4
Ethernet	2 Gigabit Ports	2 Gigabit Ports	1 Gigabit Port
PoE	--	--	16 Ports (IEEE802.3at/af) 150W
USB	1 USB3.0, 2 USB2.0	1 USB3.0, 2 USB2.0	1 USB3.0, 2 USB2.0
Power	AC100V~240V <12W(Without HDD)	AC100V~240V <12W(Without HDD)	AC100V~240V <14.1W(Without HDD)
Intelligent Video	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection
Star Features	Smart Add, P2P	Smart Add, P2P	Plug & Play, P2P



















NETWORK VIDEO RECORDER

Lite H.265 Series

	4HDD Lite 4K&H.265 NVR			2HDD Lite 4K&H.265 NVR					
Model	NVR4432-4KS2	NVR4416-4KS2	NVR4416-16P-4KS2	NVR4232-4KS2	NVR4216-4KS2	NVR4208-4KS2	NVR4216-16P-4KS2	NVR4208-8P-4KS2	NVR4204-P-4KS2
	 	 	 	 	 	 	 	 	 
Processor	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU
Video Compression	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
IP Video Inputs	32 channel	16 channel	16 channel	32 channel	16 channel	8 channel	16 channel	8 channel	4 channel
Max Input/Record	200Mbps/200Mbps	200Mbps/200Mbps	200Mbps/200Mbps	200Mbps/200Mbps	200Mbps/200Mbps	200Mbps/200Mbps	200Mbps/200Mbps	200Mbps/200Mbps	200Mbps/200Mbps
Max Decoding	2ch@4K/8ch@1080P	2ch@4K/8ch@1080P	2ch@4K/8ch@1080P	2ch@4K/8ch@1080P	2ch@4K/8ch@1080P	2ch@4K/8ch@1080P	2ch@4K/8ch@1080P	2ch@4K/8ch@1080P	2ch@4K/4ch@1080P
Display	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA
Max HDD	4x6TB	4x6TB	4x6TB	2x6TB	2x6TB	2x6TB	2x6TB	2x6TB	2x6TB
RAID	--	--	--	--	--	--	--	--	--
eSATA/Mini SAS	--	--	--	--	--	--	--	--	--
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	16/4	16/4	16/4	4/2	4/2	4/2	4/2	4/2	4/2
Ethernet	2 Gigabit Ports	2 Gigabit Ports	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port
PoE	--	--	16 Ports (IEEE802.3at/af) 150W	--	--	--	16 Ports (IEEE802.3at/af) 130W	8 Ports (IEEE802.3at/af) 130W	4 Ports (IEEE802.3at/af) 50W
USB	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0
Power	AC100V~240V <11.7W(Without HDD)	AC100V~240V <11.7W(Without HDD)	AC100V~240V <13.7W(Without HDD)	DC12V/4A <6.9W(Without HDD)	DC12V/4A <6.9W(Without HDD)	DC12V/4A <6.9W(Without HDD)	AC100V~240V <13.2W(Without HDD)	AC100V~240V <9.6W(Without HDD)	DC48V/2A <9W(Without HDD)
Intelligent Video	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection
Star Features	Smart Add, P2P	Smart Add, P2P	Plug & Play, P2P	Smart Add, P2P	Smart Add, P2P	Smart Add, P2P	Plug & Play, P2P	Plug & Play, P2P	Plug & Play, P2P

NETWORK VIDEO RECORDER











Lite H.265 Series

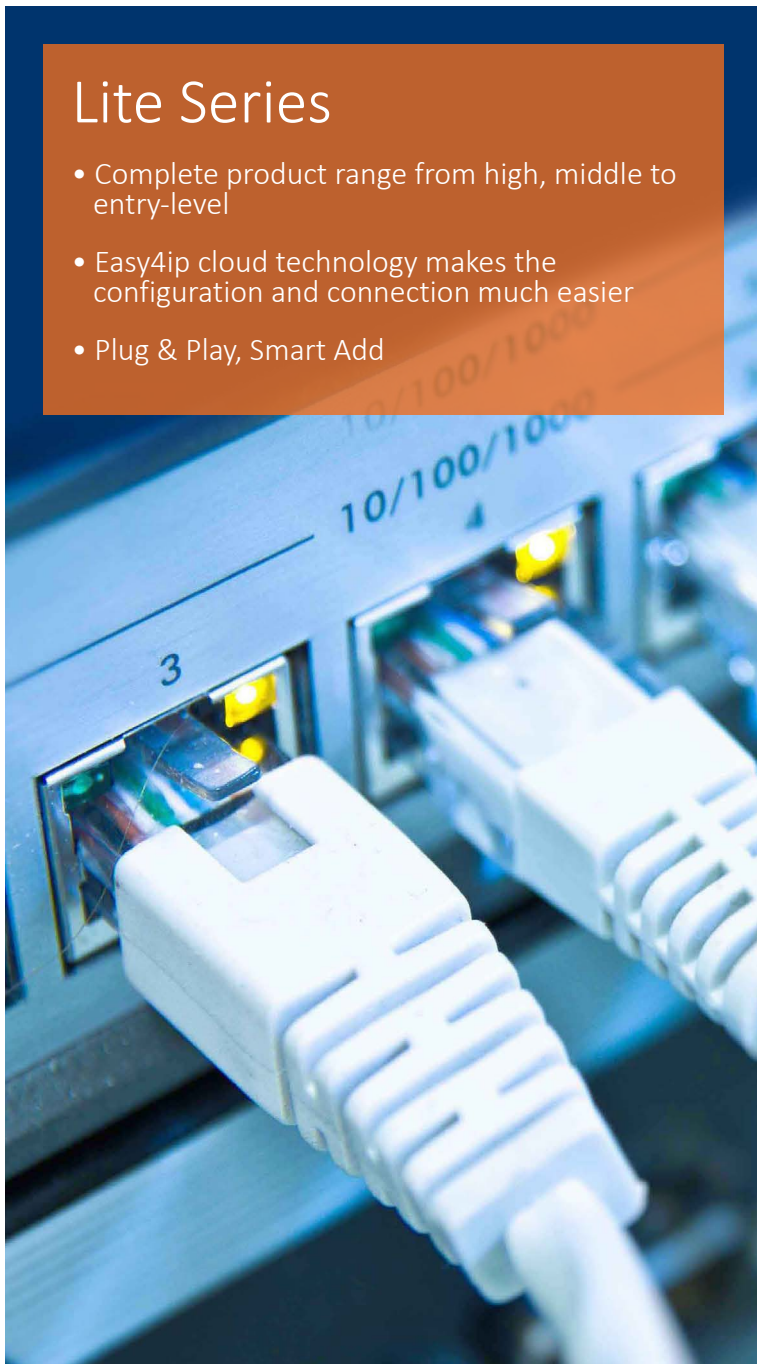
	1HDD Compact 1U Lite 4K&H.265 NVR				1HDD Smart 1U Lite 4K&H.265 NVR			
	NVR4108HS-4KS2	NVR4104HS-4KS2	NVR4108HS-8P-4KS2	NVR4104HS-P-4KS2	NVR4108-4KS2	NVR4104-4KS2	NVR4108-8P-4KS2	NVR4104-P-4KS2
Model	 	 	 	 	 	 	 	 
Processor	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU
Video Compression	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
IP Video Inputs	8 channel	4 channel	8 channel	4 channel	8 channel	4 channel	8 channel	4 channel
Max Input/Record	80Mbps/80Mbps	80Mbps/80Mbps	80Mbps/80Mbps	80Mbps/80Mbps	80Mbps/80Mbps	80Mbps/80Mbps	80Mbps/80Mbps	80Mbps/80Mbps
Max Decoding	2ch@4K/8ch@1080P	2ch@4K/4ch@1080P	2ch@4K/8ch@1080P	2ch@4K/4ch@1080P	2ch@4K/8ch@1080P	2ch@4K/4ch@1080P	2ch@4K/8ch@1080P	2ch@4K/4ch@1080P
Display	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA
Max HDD	1×6TB	1×6TB	1×6TB	1×6TB	1×6TB	1×6TB	1×6TB	1×6TB
RAID	--	--	--	--	--	--	--	--
eSATA/Mini SAS	--	--	--	--	--	--	--	--
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	--	--	--	--	--	--	--	--
Ethernet	1×100M Port	1×100M Port	1×100M Port	1×100M Port	1×100M Port	1×100M Port	1×100M Port	1×100M Port
PoE	--	--	8 Ports (IEEE802.3at/af) 80W	4 Ports (IEEE802.3at/af) 50W	--	--	8 Ports (IEEE802.3at/af) 80W	4 Ports (IEEE802.3at/af) 50W
USB	2 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0
Power	DC12V/2A <6.3W(Without HDD)	DC12V/2A <6.3W(Without HDD)	DC48V/2A <8.3W(Without HDD)	DC48V/1.5A <7.5W(Without HDD)	DC12V/2A <6.3W(Without HDD)	DC12V/2A <6.3W(Without HDD)	DC48V/2A <8.3W(Without HDD)	DC48V/1.5A <7.5W(Without HDD)
Intelligent Video	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection	Tripwire, Intrusion Abandoned/Missing Scene Change Face Detection
Star Features	Smart Add, P2P	Smart Add, P2P	Plug & Play, P2P	Plug & Play, P2P	Smart Add, P2P	Smart Add, P2P	Plug & Play, P2P	Plug & Play, P2P

NETWORK VIDEO RECORDER

Lite Series

- Complete product range from high, middle to entry-level
- Easy4ip cloud technology makes the configuration and connection much easier
- Plug & Play, Smart Add

Lite Series					
	2HDD Lite NVR				
	NVR2216-S2	NVR2208-S2	NVR2204-S2	NVR2208-8P-S2	NVR2204-P-S2
Model	 	 	 	 	 
Processor	ARM Dual Core CPU	ARM Dual Core CPU	ARM Dual Core CPU	ARM Dual Core CPU	ARM Dual Core CPU
Video Compression	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264
IP Video Inputs	16 channel	8 channel	4 channel	8 channel	4 channel
Max Input/Record	80Mbps/80Mbps	80Mbps/80Mbps	80Mbps/80Mbps	80Mbps/80Mbps	80Mbps/80Mbps
Max Decoding	2ch@4MP 8ch@720P	2ch@4MP 8ch@720P	2ch@4MP 4ch@1080P	2ch@4MP 8ch@720P	2ch@4MP 4ch@1080P
Display	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA
Max HDD	2×6TB	2×6TB	2×6TB	2×6TB	2×6TB
RAID	--	--	--	--	--
eSATA/Mini SAS	--	--	--	--	--
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	--	--	--	--	--
Ethernet	1×100M Port	1×100M Port	1×100M Port	1×100M Port	1×100M Port
PoE	--	--	--	8 Ports (IEEE802.3at/af) 80W	4 Ports (IEEE802.3at/af) 50W
USB	2 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0
Power	DC12V/4A <3W(Without HDD)	DC12V/4A <3W(Without HDD)	DC12V/4A <3W(Without HDD)	DC53V/2.3A <4.5W(Without HDD)	DC48V/1.5A <4W(Without HDD)
Intelligent Video	--	--	--	--	--
Star Features	Smart Add, Easy4ip	Smart Add, Easy4ip	Smart Add, Easy4ip	Plug & Play, Easy4ip	Plug & Play, Easy4ip



Lite Series

	1HDD Compact 1U Lite NVR				
	NVR2116HS-S2	NVR2108HS-S2	NVR2104HS-S2	NVR2108HS-8P-S2	NVR2104HS-P-S2
Model	 	 	 	 	 
Processor	ARM Dual Core CPU	ARM Dual Core CPU	ARM Dual Core CPU	ARM Dual Core CPU	ARM Dual Core CPU
Video Compression	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264
IP Video Inputs	16 channel	8 channel	4 channel	8 channel	4 channel
Max Input/Record	80Mbps/80Mbps	80Mbps/80Mbps	80Mbps/80Mbps	80Mbps/80Mbps	80Mbps/80Mbps
Max Decoding	2ch@4MP/8ch@720P	2ch@4MP/8ch@720P	2ch@4MP/4ch@1080P	2ch@4MP/8ch@720P	2ch@4MP/4ch@1080P
Display	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA
Max HDD	1×6TB	1×6TB	1×6TB	1×6TB	1×6TB
RAID	--	--	--	--	--
eSATA/Mini SAS	--	--	--	--	--
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	--	--	--	--	--
Ethernet	1×100M Port	1×100M Port	1×100M Port	1×100M Port	1×100M Port
PoE	--	--	--	8 Ports (IEEE802.3at/af) 80W	4 Ports (IEEE802.3at/af) 40W
USB	2 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0
Power	DC12V/2A <3W(Without HDD)	DC12V/2A <3W(Without HDD)	DC12V/2A <3W(Without HDD)	DC48V/2A <4.5W(Without HDD)	DC48V/1.25A <4W(Without HDD)
Intelligent Video	--	--	--	--	--
Star Features	Smart Add, Easy4ip	Smart Add, Easy4ip	Smart Add, Easy4ip	Plug & Play, Easy4ip	Plug & Play, Easy4ip

NETWORK VIDEO RECORDER

Lite Series





1HDD Smart 1U Lite NVR					
	NVR2116-S2	NVR2108-S2	NVR2104-S2	NVR2108-8P-S2	NVR2104-P-S2
Model	 	 	 	 	 
Processor	ARM Dual Core CPU	ARM Dual Core CPU	ARM Dual Core CPU	ARM Dual Core CPU	ARM Dual Core CPU
Video Compression	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264
IP Video Inputs	16 channel	8 channel	4 channel	8 channel	4 channel
Max Input/Record	80Mbps/80Mbps	80Mbps/80Mbps	80Mbps/80Mbps	80Mbps/80Mbps	80Mbps/80Mbps
Max Decoding	2ch@4MP/8ch@720P	2ch@4MP/8ch@720P	2ch@4MP/4ch@720P	2ch@4MP/8ch@720P	2ch@4MP/4ch@720P
Display	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA	HDMI, VGA
Max HDD	1×6TB	1×6TB	1×6TB	1×6TB	1×6TB
RAID	--	--	--	--	--
eSATA/Mini SAS	--	--	--	--	--
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	--	--	--	--	--
Ethernet	1×100M Port	1×100M Port	1×100M Port	1×100M Port	1×100M Port
PoE	--	--	--	8 Ports (IEEE802.3at/af) 80W	4 Ports (IEEE802.3at/af) 40W
USB	2 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0
Power	DC12V/2A <3W(Without HDD)	DC12V/2A <3W(Without HDD)	DC12V/2A <3W(Without HDD)	DC48V/2A <4.5W(Without HDD)	DC48V/1.25A <4W(Without HDD)
Intelligent Video	--	--	--	--	--
Star Features	Smart Add, Easy4ip	Smart Add, Easy4ip	Smart Add, Easy4ip	Plug & Play, Easy4ip	Plug & Play, Easy4ip

Consumer Series

- Wi-Fi technology brings easy installation without cable
- Easy configuration and connection powered by Easy4ip cloud
- Plug & Play with Wi-Fi NVR
- Two-way audio





Consumer Camera




	Cube			
	IPC-K35	IPC-K15	IPC-K35A	IPC-K15A
Model				
Image Sensor	1/3" 3Mp CMOS	1/3" 1.3Mp CMOS	1/3" 3MP CMOS	1/3" 1.3MP CMOS
Focal Length	2.8mm/F2.0	2.8mm/F2.0	2.8mm/F2.0	2.8mm/F2.0
FOV-H	100°	92°	100°	92°
Day/Night	ICR	ICR	ICR	ICR
WDR	DWDR	DWDR	DWDR	DWDR
Max.IR Distance	10m(33ft)	10m(33ft)	10m(33ft)	10m(33ft)
Video Compression	H.264	H.264	H.264	H.264
Max..Resolution	3M(2304x1296)	1.3M(1280x960)	3M(2304x1296)	1.3M(1280x960)
Frame Rate	20fps@3M, 30fps@1080P	30fps@1.3M	20fps@3M, 30fps@1080P	30fps@1.3M
Multi-streaming	2 streams	2 streams	2 streams	2 streams
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt:-10°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt:-10°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt:-10°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt:-10°~90° Rotation: 0°~360°
Intelligent Video	--	--	--	--
Compatibility	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI
Audio In/Out	Built-in Mic/ Speaker	Built-in Mic/ Speaker	Built-in Mic/Speaker	Built-in Mic/Speaker
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD,Max. 128GB	Micro SD, Max. 128GB
Alarm In/Out	1/1	1/1	1/1	1/1
Wi-Fi	Wi-Fi (IEEE802.11b/g/n) 50m(open field)	Wi-Fi (IEEE802.11b/g/n) 50m(open field)	--	--
Wi-Fi Smart Config	Support	Support	--	--
Ingress Protection	--	--	--	--
Working Temperature	-10°C~+45°C(14°F ~ +113°F)	-10°C~+45°C(14°F ~ +113°F)	-10°C~+45°C(14°F ~ +113°F)	-10°C~+45°C(14°F ~ +113°F)
Power	DC12V Max. 7W	DC12V Max. 7W	DC12V,PoE(802.3af)(Class 0) Max. 5W	DC12V,PoE (802.3af)(Class 0) Max. 5W


CONSUMER CAMERA / PTZ / NVR

Consumer Camera								
	Cube				PT Camera		Fixed Mini-Bullet	
Model	IPC-K35S	IPC-K15S	IPC-C35	IPC-C15	IPC-A35	IPC-A15	IPC-HFW1320S-W	IPC-HFW1120S-W
								
Image Sensor	1/3" 3Mp CMOS	1/3" 1.3Mp CMOS	1/3" 3Mp CMOS	1/3" 1.3Mp CMOS	1/3" 3Mp CMOS	1/3" 1.3Mp CMOS	1/3" 3Mp CMOS	1/3" 1.3Mp CMOS
Lens	2.8mm/F2.0	2.8mm/F2.0	2.3mm/F2.2	2.3mm/F2.2	3.6mm/F2.0	3.6mm/F2.0	2.8mm/F2.0 3.6mm/F2.0	2.8mm/F2.0 3.6mm/F2.0
FOV-H	100°	92°	120°	125°	77°	72°	100°/77°	92°/72°
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Distance	10m(33ft)	10m(33ft)	10m(33ft)	10m(33ft)	10m(33ft)	10m(33ft)	30m(98.4ft)	30m(98.4ft)
Video Compression	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264
Max. Resolution	3M(2304x1296)	1.3M(1280x960)	3M(2304x1296)	1.3M(1280x960)	3M(2304x1296)	1.3M(1280x960)	3M(2304x1296)	1.3M(1280x960)
Frame Rate	20fps@3M 30fps@1080P	30fps@1.3M	20fps@3M 30fps@1080P	30fps@1.3M	20fps@3M 30fps@1080P	30fps@1.3M	20fps@3M 30fps@1080P	30fps@1.3M
Multi-streaming	2 streams	2 streams	2 streams	2 streams	2 streams	2 streams	2 streams	2 streams
Pan/Tilt/Rotation	Pan: 0°~360° Tilt: -10°~90° Rotation: 0°~360°	Pan: 0°~360° Tilt: -10°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90°	Pan: 0°~360°; Tilt: 0°~90°	Pan: 0°~355°; Tilt: 0°~90°	Pan: 0°~335°; Tilt: 0°~90°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°
Intelligent Video	--	--	--	--	--	--	--	--
Compatibility	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI	ONVIF profile S&G,CGI
Audio In/Out	Built-in Mic/Speaker	Built-in Mic/Speaker	Built-in Mic/ Speaker	Built-in Mic/ Speaker	Built-in Mic/ Speaker	Built-in Mic/ Speaker	--	--
Memory Slot	Micro SD,Max. 128GB	Micro SD ,Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Alarm In/Out	1/1	1/1	--	--	--	--	--	--
Wi-Fi	Dual band Wi-Fi(IEEE802.11a/b/g/n/ac) 50m(open field)	Dual band Wi-Fi(IEEE802.11a/b/g/n/ac) 50m(open field)	Wi-Fi (IEEE802.11b/g/n) 50m(open field)	Wi-Fi (IEEE802.11b/g/n) 50m(open field)	Wi-Fi (IEEE802.11b/g/n) 50m(open field)	Wi-Fi (IEEE802.11b/g/n) 50m(open field)	Wi-Fi (IEEE802.11b/g/n) 50m(open field)	Wi-Fi(IEEE802.11b/g/n) 50m(open field)
Wi-Fi Smart Config	Support	Support	Support	Support	Support	Support	Support	Support
Ingress Protection	--	--	--	--	--	--	IP67	IP67
Working Temperature	-10°C~+45°C (14°F ~ +113°F)	-10°C~+45°C (14°F ~ +113°F)	-10°C~+45°C (14°F ~ +113°F)	-10°C~+45°C (14°F ~ +113°F)	-10°C~+45°C (14°F ~ +113°F)	-10°C~+45°C (14°F ~ +113°F)	-30°C~+50°C (-22°F ~ +122°F)	-30°C~+50°C (-22°F ~ +122°F)
Power	DC12V Max. 7W	DC12V Max. 7W	DC5V Max. 4.6W	DC5V Max. 4.5W	DC5V Max. 8.5W	DC5V Max. 8.2W	DC12V Max. 5.4W	DC12V Max. 4.6W


CONSUMER CAMERA / PTZ / NVR


Consumer Camera		
	Fixed Mini-Dome	
	IPC-HDBW1320E-W	IPC-HDBW1120E-W
Model		
Image Sensor	1/3" 3Mp CMOS	1/3" 1.3MP CMOS
Lens	2.8mm/F2.0 3.6mm/F2.0	2.8mm/F2.0 3.6mm/F2.0
FOV-H	100°/77°	92°/72°
Day/Night	ICR	ICR
WDR	DWDR	DWDR
Max. IR Distance	30m(98ft)	30m(98ft)
Video Compression	H.264	H.264
Max. Resolution	3M(2304x1296)	1.3M(1280x960)
Frame Rate	20fps@3M 30fps@1080P	30fps@1.3M
Multi-streaming	2 streams	2 streams
Pan/Tilt/Rotation	Pan: 0°~355°; Tilt: 0°~65° Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~65° Rotation: 0°~355°
Intelligent Video	--	--
Compatibility	ONVIF profile S&G, CGI	ONVIF profile S&G, CGI
Audio In/Out	--	--
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Alarm In/Out	--	--
Wi-Fi	Wi-Fi(IEEE802.11b/g/n) 50m(open field)	Wi-Fi(IEEE802.11b/g/n) 50m(open field)
Wi-Fi Smart Config	Support	Support
Ingress Protection	IP67, IK10	IP67, IK10
Working Temperature	-30°C~+50°C(-22°F ~ +122°F)	-30°C~+50°C(-22°F ~ +122°F)
Power	DC12V Max. 5.4W	DC12V Max. 4.6W












Consumer PTZ Camera		
	Mini PTZ Camera	
	SD22204T-GN-W	SD29204T-GN-W
Model		 
Image Sensor	1/2.7" 2Mp CMOS	1/2.7" 2Mp CMOS
Lens	2.7~11mm (4x Optical zoom)	2.7~11mm (4x Optical zoom)
FOV-H	H: 112.5°~30°	H: 112.5° ~ 30°
Min. Illumination	0.05Lux/F1.6(Color) 0.005Lux/F1.6(B/W)	0.05Lux/F1.6(Color) 0Lux/F1.6 (IR on)
WDR	120dB	120dB
Max. IR Distance	--	30m(98ft)
Video Compression	H.264+/H.264	H.264+/H.264
Max. Resolution	1080P(1920x1080)	1080P(1920x1080)
Frame Rate	30fps@1080P, 60fps@720P	30fps@1080P, 60fps@720P
Multi-streaming	3 streams	3 streams
Pan/Tilt	Pan: 0° ~ 355° ; Tilt: 0° ~ 90°	Pan: 0° ~ 360°; Tilt: 0° ~ 90°
Preset Speed	Pan: 100° /s; Tilt: 60° /s	Pan: 100° /s; Tilt: 60° /s
Intelligent Video	Tripwire, Intrusion Abandoned/Missing Face Detection	Tripwire, Intrusion Abandoned/Missing Face Detection
Compatibility	ONVIF profile S&G, CGI	ONVIF profile S&G, CGI
Audio In/Out	--	Built-in Mic
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Alarm In/Out	--	--
Wi-Fi	Wi-Fi(IEEE802.11b/g/n) 50m(open field)	Wi-Fi(IEEE802.11b/g/n) 50m(open field)
Ingress Protection	IP66, IK10	--
Working Temperature	-30°C ~ +60°C(-22°F ~ +140°F)	-30°C ~ +60°C (-22°F ~ +140°F)
Power	DC12V Max. 10W	DC12V Max. 13W

Consumer Network Video Recorder	
	Wi-Fi NVR
	NVR4104HS-W-S2
Model	
Processor	ARM Dual Core CPU
Video Compression	H.264/MJPEG
IP Video Inputs	4 channel
Max Input/Record	80Mbps/80Mbps
Max Decoding	4ch@4MP/4ch@1080P
Display	HDMI, VGA
Max HDD	1x6TB
RAID	--
eSATA/Mini SAS	--
Audio In/Out	--
Alarm In/Out	--
Ethernet	1x100M port
PoE	--
USB	2 USB2.0
Power	DC12V/2A <10W(Without HDD)
Intelligent Video	--
Star Features	Smart Add, P2P, MIMO






Monitor		
	DHL22-F600	DHL55-4K
Model		
Diagonal	20.7"(16:9)	54.6"(16:9)
Resolution	1920x1080	3840x2160
Luminance	250cd/m ²	500cd/m ²
Contrast	1000:1	1100:1
Viewing Angle	H 178°, V 130°	H 178°, V 178°
Response Time	5ms	8ms
Gamut	0.72(CIE1931)	0.72(CIE1931)
Display Color	16.7M/8bit	16.7M/8bit
Input	VGAx1, HDMIx1, Audiox1	1 VGA, 1 DVI-D 2 HDMI, 1 USB, HDCVI(Optional)
Output	Speakerx1	1 Audio, 1 RS232
Control	Physical Button	RS232, Infrared Remote
Working Temperature	0~+40°C (+32~+104°F)	0°C~+50°C (+32°F~+122°F)
Working Humidity	10~90%	20~90%
Power	AC100~240V(+/-10%), 23W	AC100~240V(+/-10%), 80W
Dimensions(without base)	490x292.3x48.3mm (19.3"x11.5"x1.9")	1263.1x743.9x51.9mm (49.7"x29.3"x2.0")
Weight	2.5kg (5.5lb)	26.5kg(58.4lb)

Decoder	
	NVD0405DH-4K
Model	
Support Screen	4 Screens
Splicing Control	Zoom/Merge/Roam/Overlay
Split Mode	1/4/9/16
Max Decoding	4CH@12M/4CH@4K/16CH@1080P/ 36CH@720P/64CH@D1
Local Video Input	1CH HDMI
Network Video Input	IPC/DVR/NVR, etc.
Video Output	HDMI/VGA/BNC
Audio Out	HDMI, 4 BNC(200-3000 mV, 5KΩ)
Alarm In/Out	4/4(30V DC 1A, 125V AC 0.5A Relay output)
Intercom	1 Pair BNC
Processor	Intel x86 processor
Case	1U 19" standard industry box
Ethernet	1 RJ-45 port(10/100/1000M)
USB	2 USB2.0
Power Supply	DC12V, 3.3A
Control Mode	WEB/ PC client-end/ Network keyboard
Highlights	4K & H.265 decoding Fisheye adjustment




Keyboard	
	NKB1000
Model	
Control Mode	Direct mode, Network mode USB mode
Control Interface	1 RJ-45 port (10/100/1000M) RS232, RS485, RS422, USB
DVR/NVR Protocol	DH2
Dome Protocol	DH-SD/PELCO-D/PELCO-P/PELCO-D1/ PELCO-P1 etc.
Max Remote Users	20(Each can manage up to 2048 unit devices)
Screen	Monochrome LCD screen (128x64)
Local Split Display Mode	--
Video Output	--
Local Decoding	--
Intercom	--
Joystick	4-axis(zoom, focus, iris)
Main Processor	Industrial embedded microprocessor
Operation System	Embedded LINUX
USB	1 USB2.0
Power	DC12V, 1A
Highlights	Multi-user access control Control DVR, NVR, EVS, Decoder Matrix Work with SmartPSS or DSSClient via USB port

PoE Switch											
									All-Gigabit		
Model	PFS3005-4P-58	PFS3106-4P-60	PFS4206-4P-120	PFS3110-8P-96	PFS4220-16P-250	PFS4218-16ET-190/240	PFS4228-24P-370	PFS4226-24ET-240/360	PFS4210-8GT-150	PFS4420-16GT-250	PFS4428-24GT-370
											
Fast/Gigabit Ethernet	4FE PoE+1FE	4FE PoE+1GE	3FE PoE+1GE PoE	8FE PoE+1GE	16FE PoE+2GE	16FE PoE+2GE (Combo)	24FE PoE+2GE	24FE PoE+2GE (Combo)	8GE PoE	16GE PoE	24GE PoE
SFP Slots	--	1GE SFP	2GE SFP	1GE SFP	2GE SFP	2GE SFP(Combo)	2GE SFP	2GE SFP(Combo)	2GE SFP	4GE SFP	4GE SFP
Switching Capacity	1G	6.8G	6.8Gbps	7.6G	24.8G	8.8G	24.8G	8.8G	36Gbps	56Gbps	56Gbps
Packet Forwarding Rate	744Kpps	3.57Mpps	4.91Mpps	4.17Mpps	8.33Mpps	5.36Mpps	9.52Mpps	6.55Mpps	14.88Mpps	29.76Mpps	41.66Mpps
Packet Buffer Memory	448Kb	1Mb	1Mb	1Mb	8Mb	2.75Mb	8Mb	2.75Mb	4.1Mb	4.1Mb	4.1Mb
MAC Table Size	1K	8K	8K	8K	16K	4K	16K	4K	8K	8K	8K
PoE Standard	PoE (802.3af) PoE+ (802.3at)	PoE (802.3af) PoE+ (802.3at)	PoE (802.3af) PoE+ (802.3at) Hi-PoE	PoE (802.3af) PoE+ (802.3at)	PoE (802.3af) PoE+ (802.3at)	PoE (802.3af) PoE+ (802.3at) Hi-PoE	PoE (802.3af) PoE+ (802.3at)	PoE (802.3af) PoE+ (802.3at) Hi-PoE	PoE (802.3af) PoE+ (802.3at)	PoE (802.3af) PoE+ (802.3at)	PoE (802.3af) PoE+ (802.3at)
PoE Budget	58W	60W	120W	96W	250W	190W/240W	370W	240W/360W	150W	250W	370W
PoE PIN Assignment	1,2,4,5(V+) 3,6,7,8(V-)	4,5(V+) 7,8(V-)	4,5(V+) 7,8(V-)	4,5(V+) 7,8(V-)	1,2(V+) 3,6(V-)	1,2(V+) 3,6(V-)	1,2(V+) 3,6(V-)	1,2(V+) 3,6(V-)	1,2(V+) 3,6(V-)	1,2(V+) 3,6(V-)	1,2(V+) 3,6(V-)
VLAN	--	--	Support	--	Support	Support	Support	Support	Support	Support	Support
Link Aggregation	--	--	--	--	Support	Support	Support	Support	Support	Support	Support
Flow Control	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support
Spanning Tree	--	--	Support	--	Support	Support	Support	Support	--	--	--
Management	--	--	Support	--	Support	Support	Support	Support	Support	Support	Support
Lightning Protection	Common Mode 2KV Differential Mode 1KV	Common Mode 4KV Differential Mode 2KV	Common Mode 4KV Differential Mode 2KV	Common Mode 4KV Differential Mode 2KV	Common Mode 2KV Differential Mode 1KV	Common Mode 4KV Differential Mode 2KV	Common Mode 2KV Differential Mode 1KV	Common Mode 4KV Differential Mode 2KV	Common Mode 2KV Differential Mode 0.5KV	Common Mode 2KV Differential Mode 0.5KV	Common Mode 2KV Differential Mode 0.5KV
Working Temperature	-10°C~+50°C (14°F~+122°F)	-30°C~+65°C (-22°F~+149°F)	-30°C~+65°C (-22°F~+149°F)	-30°C~+65°C (-22°F~+149°F)	-10°C~+55°C (14°F~+131°F)	-10°C~+55°C (14°F~+131°F)	-10°C~+55°C (14°F~+131°F)	-10°C~+55°C (14°F~+131°F)	-10°C~+55°C (-14°F~+131°F)	-10°C~+55°C (-14°F~+131°F)	-10°C~+55°C (-14°F~+131°F)
Dimensions	100×100×26mm (3.9"×3.9"×1.0")	150×100×30mm (5.9"×3.9"×1.2")	150×100×30mm (5.9"×3.9"×1.2")	150×100×42mm (5.9"×3.9"×1.7")	442×263×44.5mm (17.4"×10.4"×1.8")	440×300×44mm (17.3"×11.8"×1.7")	442×263×44.5mm (17.4"×10.4"×1.8")	440×300×44mm (17.3"×11.8"×1.7")	330×230×44mm (13.0"×9.1"×1.73")	440×260×44mm (17.3"×10.2"×1.73")	440×260×44mm (17.3"×10.2"×1.73")

TRANSMISSION

	PoE Midspan	PoE Extender		L2+ Full Gigabit Switch	L3 Full Gigabit Switch	
Model	PFT1200 	PFT1300 	Model	PFS5424-24T 	PFS5924-24X 	PFS6428-24T 
Fast/Gigabit Ethernet	2GE	3FE	Fast/Gigabit Ethernet	20GE+4GE (Combo)	8GE (Combo)	24GE
SFP Slots	--	--	SFP Slots	4GE SFP(Combo)	16GE SFP+8GE SFP(Combo)	4 GE SFP/10GE SFP+
Switching Capacity	--	1.4G	Switching Capacity	350G	350G	392G
Packet forwarding rate	--	0.47Mpps	Packet Forwarding Rate	36Mpps	36Mpps	96Mpps
Packet Buffer Memory	--	512Kb	Packet Buffer Memory	32Mb	32Mb	12Mb
MAC Table Size	--	1K	VLAN	Support	Support	Support
PoE Standard	PoE (802.3af) PoE+ (802.3at), Hi-PoE	PoE (802.3af) PoE+ (802.3at)	Link Aggregation	Support	Support	Support
PoE Budget	60W	--	Port Management	Flow Control ,Speed Limit Port Mirroring	Flow Control ,Speed Limit Port Mirroring	Flow Control ,Speed Limit Port Mirroring
PoE PIN Assignment	1, 2, 4, 5(V+), 3, 6, 7, 8(V-)	4, 5(V+) ,7 ,8(V-)	Ring Network Protocol	STP/RSTP,ERPS	STP/RSTP,ERPS	STP/RSTP,ERPS
Lightning Protection	Common Mode 4KV Differential Mode 2KV	Common Mode 4KV Differential Mode 2KV	IGMP Snooping	Support	Support	Support
Working Temperature	-30°C~+65°C (-22°F~+149°F)	-30°C~+65°C (-22°F~+149°F)	Static IP Routing	Support	Support	Support
Dimensions	150×70×39mm (5.9"×2.8"×1.5")	79×52×23mm (3.1"×2.0"×0.9")	Dynamic Routing	--	--	OSPF, RIP, BGP
			VRRP	--	--	Support
			Management	Web,CLI	Web,CLI	Web,CLI
			Working Temperature	-10°C~+55°C (14°F~+131°F)	-10°C~+55°C (14°F~+131°F)	-10°C~+55°C (14°F~+131°F)
			Dimensions	440×285×44.5mm (17.3"×11.2"×1.8")	440×285×44.5mm (17.3"×11.2"×1.8")	440×285×44.5mm (17.3"×11.2"×1.8")

HFxxE/F Series		
		
Model	PFB110W	PFB121W
Mount	Wall / ceiling / plane mount	Wall mount

HFWxxE Series		
		
Model	PFA121	PFA121+PFA152
Mount	Junction box	Pole mount

HFWxxR-Z/VF, HFWxxB, HFWxxD Series		
		
Model	PFA135	PFA135+PFA150
Mount	Junction box	Pole mount





HFWxxS Series		
		
Model	PFA134	PFA134+PFA150
Mount	Junction box	Pole mount

PFWxx Series			
			
Model	PFA120	PFA150	PFA151
Mount	Junction box	Pole mount	Corner Mount

HDBWxxE-Z Series					
					
Model	PFA138	PFA101+PFB302S	PFA101+PFB302S+PFA152	PFA101+PFB300C	PFB201C
Mount	Junction box	Wall mount	Pole mount	Ceiling mount	In-ceiling mount

ACCESSORIES

HDBWxxR-Z/VF Series				
				
Model	PFA137	PFB203W	PFB203W+PFA152	PFB200C
Mount	Junction box	Wall mount	Pole mount	In-ceiling mount

HDBWxxE, HDWxxS Series			
			
Model	PFA136	PFB203W	PFB203W+PFA152
Mount	Junction box	Wall mount	Pole mount

HDWxxR-Z Series			
			
Model	PFA137	PFB203W	PFB203W+PFA152
Mount	Junction box	Wall mount	Pole mount

HDWxxEM, HDBWxxF Series			
			
Model	PFA139	PFB204W	PFB204W+PFA152
Mount	Junction box	Wall mount	Pole mount

HDWxxM Series			
			
Model	PFA13A	PFB204W	PFB204W+PFA152
Mount	Junction box	Wall mount	Pole mount

HDBxxC, EB Series		
		
Model	PFB203W	PFB203W+PFA152
Mount	Wall mount	Pole mount

SD65F/60/6AE/6AL Series							
							
Model	PFA111+PFB303W	PFA111+PFB303W+PFA120	PFA111+PFB300C	PFA150	PFA151	PFA140	PFA111+PFB303S
Mount	Wall mount	Junction box	Ceiling mount	Pole mount	Corner Mount	Power box	Parapet mount

SD6C Series							
							
Model	64FB	PFA114+PFB300C	PFA150	PFA151	PFA140	PFA114+PFB303S	
Mount	Wall mount	Ceiling mount	Pole mount	Corner Mount	Power box	Parapet mount	

SD59/50/40 Series							
							
Model	PFA110+PFB300S	PFA110+PFB300S+PFA120	PFA110+PFB300C	PFA150	PFA151	PFA140	PFA110+PFB303S
Mount	Wall mount	Junction box	Ceiling mount	Pole mount	Corner Mount	Power box	Parapet mount

SD49 Series							
							
Model	PFB305W	PFB305W+PFA120	PFA111+PFB300C	PFA150	PFA151	PFA140	PFA111+PFB303S
Mount	Wall mount	Junction box	Ceiling mount	Pole mount	Corner Mount	Power box	Parapet mount

ACCESSORIES

SD42 Series				
				
Model	PFA102+PFB302S	PFA102+PFB302S+PFA150	PFA102+PFB302S+PFA151	PFA102+PFB300C
Mount	Wall mount	Pole mount	Corner Mount	Ceiling mount

SD32 Series				
				
Model	PFA101+PFB302S	PFA101+PFB302S+PFA150	PFA101+PFB302S+PFA151	PFA101+PFB300C
Mount	Wall mount	Pole mount	Corner Mount	Ceiling mount

SD29 Series				
 				
Model	PFA103+PFB302S	PFA103+PFB302S+PFA150	PFA103+PFB302S+PFA151	PFA103+PFB300C
Mount	Wall mount	Pole mount	Corner Mount	Ceiling mount

SD22 Series				
				
Model	PFA137	PFB202W	PFB202W+PFA152	PFB200C
Mount	Junction box	Wall mount	Pole mount	In-ceiling mount

Housing							Power Supply		
Model	PFH610N/V/A	PFH610N/V/A-H	PFH610N/V/A-H-POE	PFH610N/V/A-IR	PFH610V/A-IR-POE	PFH610L/L-H/L-H-POE	AC Power		
Appearance									
Description	Aluminum & PC N/A IP67/ IP67&IK10/ IP67&IK10&NEMA 4X DC12V/ AC24V in 404.0x163.8x132.1mm (15.9"x6.45"x5.2")	Aluminum & PC Heater, cooler IP67/ IP67&IK10/ IP67&IK10&NEMA 4X AC24V, 3A in 404.0x163.8x132.1mm (15.9"x6.45"x5.2")	Aluminum & PC Heater, cooler, POE IP67/ IP67&IK10/ IP67&IK10&NEMA 4X PoE+ in 404.0x163.8x132.1mm (15.9"x6.45"x5.2")	Aluminum & PC Heater, cooler, IR IP67/ IP67&IK10/ IP67&IK10&NEMA 4X AC24V, 5A in 404.0x163.8x132.1mm (15.9"x6.45"x5.2")	Aluminum & PC Heater, cooler, IR, POE IP67&IK10/ IP67&IK10&NEMA 4X PoE+ in 404.0x163.8x132.1mm (15.9"x6.45"x5.2")	Aluminum & PC N/A&heater, cooler&heater, cooler, POE IK10, IP67 DC12V/ AC24V in 425x163.8x132.1mm (16.73"x6.45"x5.2")	AC24V, 1.5A 106x70x56.5mm (4.17"x2.76"x2.22")	AC24V, 3A 120x80x63.5mm (4.72"x3.15"x2.15")	AC24V, 5A 120x102x80mm (4.72"x4.0"x3.15")

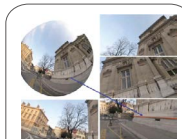
Lens							Power Supply		Pickup	
Model	PLZ1040-D	PLZ1140-D	PLZ20C0-D	PLZ21C0-D	PLZ20C0-L	PLF20C0-D	PFM34x Series	PFM35x Series	PFM140	PFM141
Appearance										
Description	Image size: 1/2.7" Aperture: F1.6 Focus length: 2.7-12mm Mount: CS Resolution: 4MP	Image size: 1/2.7" Aperture: F1.6 Focus length: 5-50mm Mount: CS Resolution: 4MP	Image size: 1/1.7" Aperture: F1.5 Focus length: 3.7-16mm Mount: CS Resolution: 12MP	Image size: 1/1.7" Aperture: F1.5 Focus length: 10.5-42mm Mount: CS Resolution: 12MP	Image size: 1/1.7" Aperture: F0.9 Focus length: 7-34mm Mount: CS Resolution: 12MP	Image size: 1/1.7" Aperture: F2.0 Focus length: 3.2mm Mount: CS Resolution: 12MP 168° ultra-wide field angle	CCTV Distributed Power Supply 5/ 9 Channel AC90~264V input DC12V, 4A/5A output	Uninterruptible Power Supply Line-Interactive/Smart Online 600VA/360W, 1500VA/900W, 1000VA/900W 2-6ms/0ms transfer time	Pinhole Pickup Input DC12V Scope: 5-40m² Sensitivity:-40dB 63x30x22mm (2.48"x1.18"x0.87")	Hi-fidelity Pickup Input DC12V Scope: 5-100m² Sensitivity:-32dB φ78x26mm (3.1"x3.1"x1.0")

Wireless						Tool	SD Card
Model	PFM880	PFM881	PFM886-10/20	PFM885-I	PFM889-I/IM	PFM900	PFM110/111/112/113
Appearance							
Description	5.8G Wireless AP IEEE802.11 a/n/ac, TDMA Transmission distance: 0-3Km(0-9.8Kft) Horizontal: 90° Vertical: 12°	5.8G Wireless CPE IEEE802.11 a/n, TDMA Transmission distance: 0-5Km(0-16.4Kft) Horizontal: 40° Vertical: 15°	5.8G Wireless Backhaul IEEE802.11 a/n/ac, TDMA Transmission distance: 0-10Km(0-32.8Kft)/ 0-20Km(0-65.6Kft) Horizontal: 11°/6° Vertical: 11°/6°	2.4G Wireless AP for Elevator IEEE802.11 b/g/n, TDMA Transmission distance: 0-500m(0-1640ft) Horizontal: 65° Vertical: 60°	2.4G&5.8G Wireless Ceiling AP IEEE802.11 b/g/n, IEEE802.11 a/n/ac, TDMA Transmission distance: 0-150m(0-492ft) Omnidirectional	Integrated Mount Tester For IPC, HDCVI, Analog camera TDR, record, playback, etc.	Brand: Dahua Property/Speed: Class 10 (reading: 90MB/s, writing: 20MB/s) Storage capacity: 16/32/64/128GB

Smart PSS

Smart Professional Surveillance System

Dahua Security Management Platform



Fish-eye image Correction



People Counting



Video Intercom



Access Control System



Attendance

Supported OS	Windows / Mac OSX
Supported Devices	CCTV/VDP/ACS
Number of Devices	256
Number of Channels	2000
Number of Screens	4
Recording Channels	32
Languages	35
Supported VTO	100
Supported VTH	10000
Supported Access Controllers	100
Supported Doors	1000
Basic Functions	Preview, Record, Playback, Export, Snapshot, Instant Playback
Smart Features	Fiseye Correction, People Counting, Smart Search, E-Map, E-PTZ, Smart Track, IVS, Face Detection
Smart Building	Video Intercom, Access Control, Attendance

DMSS

Digital Mobile Surveillance System

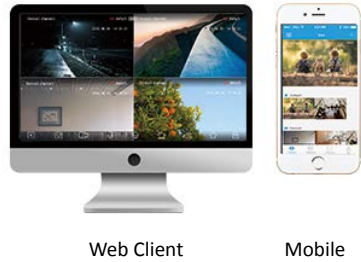
Monitor Anything with Your SmartPhone or Tablet Anytime, Anywhere



Devices	Supported Devices	DVR, NVR, IPC, VTO
	Add Device Method	IP/domain, SN, Import form cloud
	Features	Remote config, Alarm config, HDD info, Share device list
Video	Compression Format	H.265/H.264/MPEG-4/JPEG
	Display Resolution	Up to 1920 x 1080
Live Preview	Max. Channels Can Be Opened at The Same Time	256
	Features	Snapshot, Record, Instant playback, PTZ, Stream control, Talk, Audio, Alarm, Color, Favorites, Remember channels
Playback	Time Period of Video Playback	72 hours
	Features	Snapshot, Record, Faster/slower play, Play next frame, Cut
Alarm Push	Alarm Type	Motion detect, Camera masking, Local alarm, Disk alarm(no disk, Low space, disk Error), Face detection, Ivs alarm
	Push Type	Video, Preview, Image

Easy4ip Cloud

The most user-friendly surveillance cloud platform



Easy4ip is a new video management system drawing on cloud computing technology since Dahua has started transitioning its traditional video management system from physical servers to clouds. Easy4ip connects millions of devices including camera, doorbell, and alarms etc., into a single global cloud network. It has been widely used in video surveillance, smart home, smart building and education. Easy4ip supports services like live streaming, broadcasting, video on demand, cloud storage, cloud-based device upgrade, alarm notification and video analytics etc. Easy4ip is also an open system. Dahua provides SDK to device developers and system integrators to create their own video system based on Easy4ip.



Live streaming from mobile device or PC
Monitor anytime, anywhere



Cloud upgrade
Upgrade device firmware remotely, keeping devices up-to-date



Cloud Storage
Alarm video stored in the cloud, not miss any precious moment



Alarm notification
Aware of what's happening in home or store, anytime anywhere



Global server coverage
Hybrid cloud, including Amazon, Azure etc., fast and stable



Security
Several security policies to secure your personal data

DORI DISTANCE (D/O/R/I)

Find the Optimal Camera for Your Individual Surveillance Needs

The DORI distance is a “general proximity” of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

- Detect: 25ppm
- Observe: 63ppm
- Recognize: 125ppm
- Identify: 250ppm

NETWORK CAMERA

Ultra smart



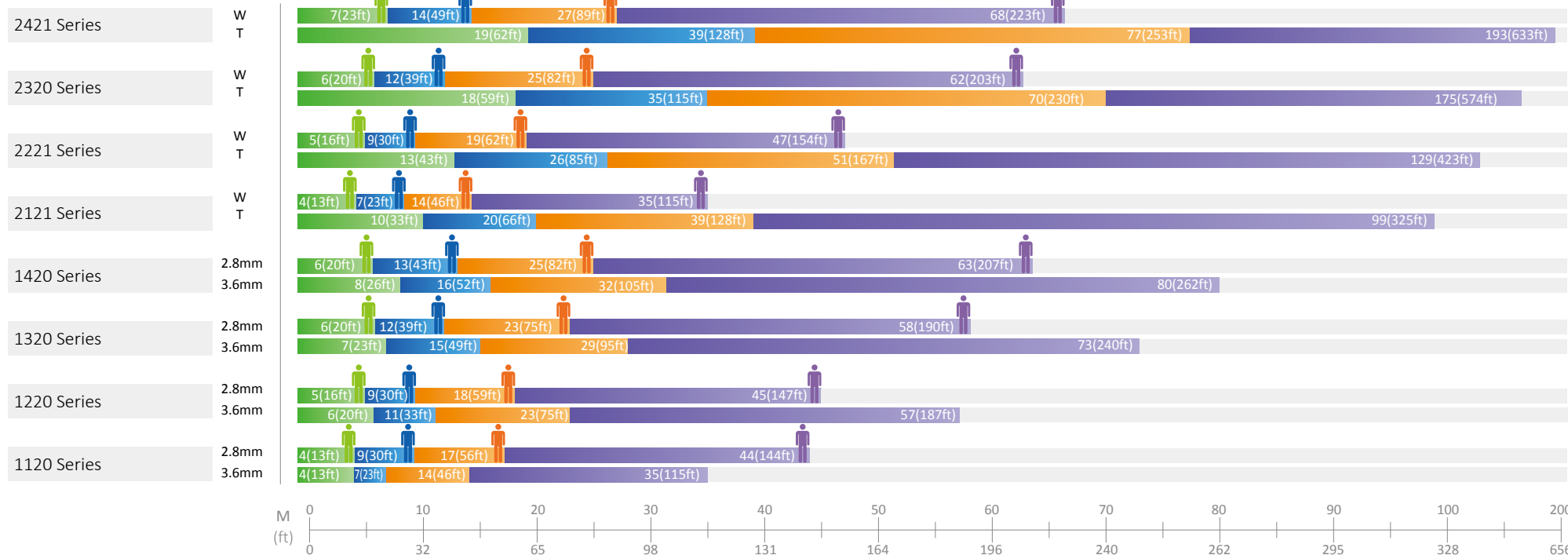
Eco-savvy 3.0



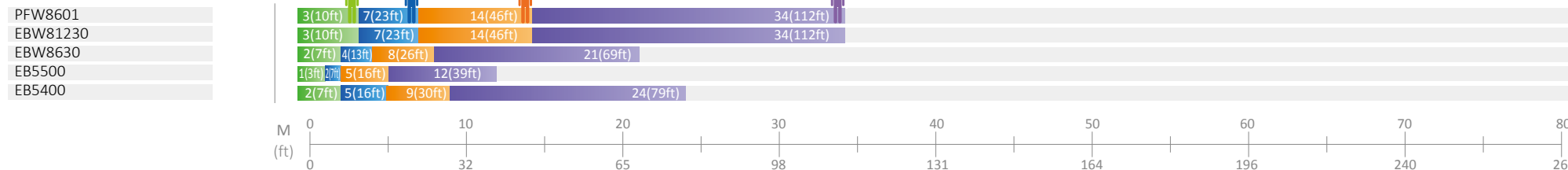
DORI DISTANCE (D/O/R/I)

NETWORK CAMERA

Lite Series



Panoramic Series

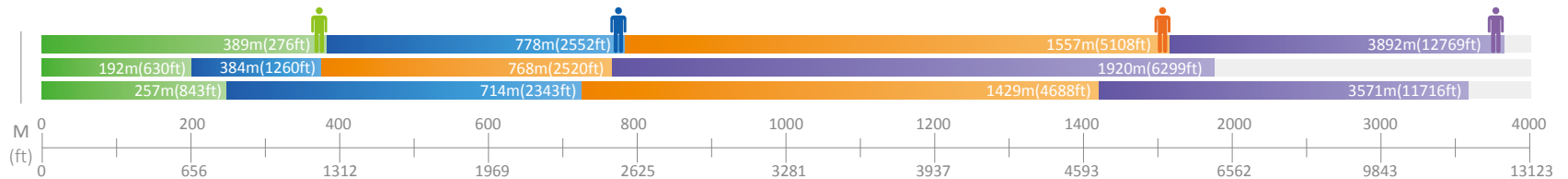


DORI DISTANCE (D/O/R/I)

NETWORK PTZ CAMERA

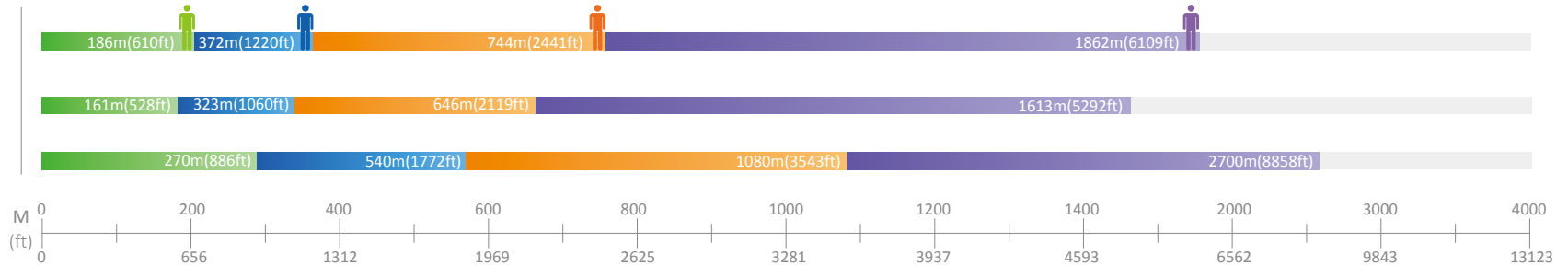
Ultra Series

- SD6AE/6AL830V-HNI
- SD6AE/6AL/65F230F-HNI
- SD6AE240V-HNI



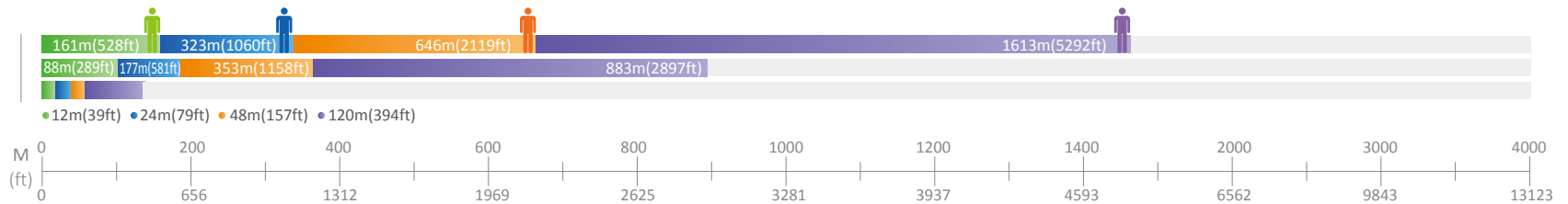
Pro Series

- SD6C/60/59/50/52C230U-HNI
- SD60230U-HNI-SL,
- SDZW2030S-N, SDZ2030S-N



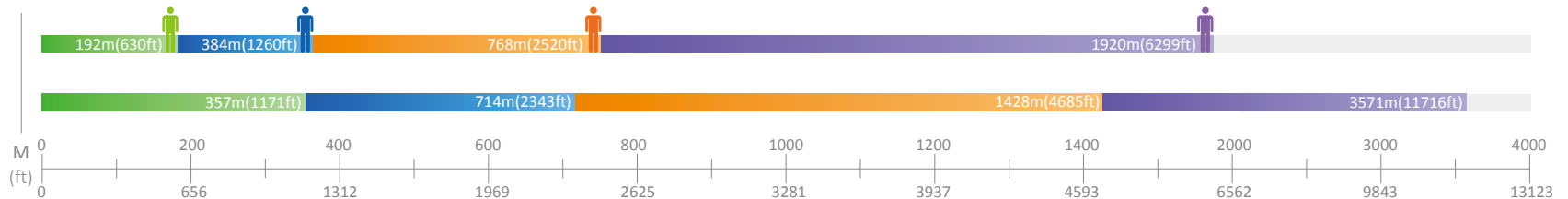
Lite Series

- SD49225T-HN
- SD49/40/42/42C212T-HN
- SD29204T-GN,SD22204T-GN



Positioning System

- PTZ12230F-IRB-N
- PTZ12230F-LR8-N





...QUALITY BY DESIGN

Distributed by

* Design and specifications are subject to change without notice.

IP Video Product Selection - 01, Jan 2017

www.dahuasecurity.com



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