HDCVI PRODUCT SELECTION

HDCVI Camera / PTZ / Recorder / Accessories / Video Management Software / DORI Distance

2017 Ver. 4

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HDCVI SOLUTION

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HDCVI Technology

Dahua Technology releases High Definition Composite Video Interface (HDCVI) technology with patented Intellectual Property Rights. HDCVI is an over-coaxial-cable video transmission standard, allowing reliable long-distance HD video transmission in wide application scenarios at friendly cost.

HDCVI TECHNOLOGY

Bring HD video into coaxial cable with patented IP rights

4 Signals

Main Benefits:

Video/Audio/Data/Power in one cable

High Resolution

Main Benefits:

4K / 4MP

1080P / 720P

Long Distance

Main Benefits:

Long distance transmission:

Coaxial Cable : Up to 1200m;

UTP: Up to 450m;

Seamless

Main Benefits:

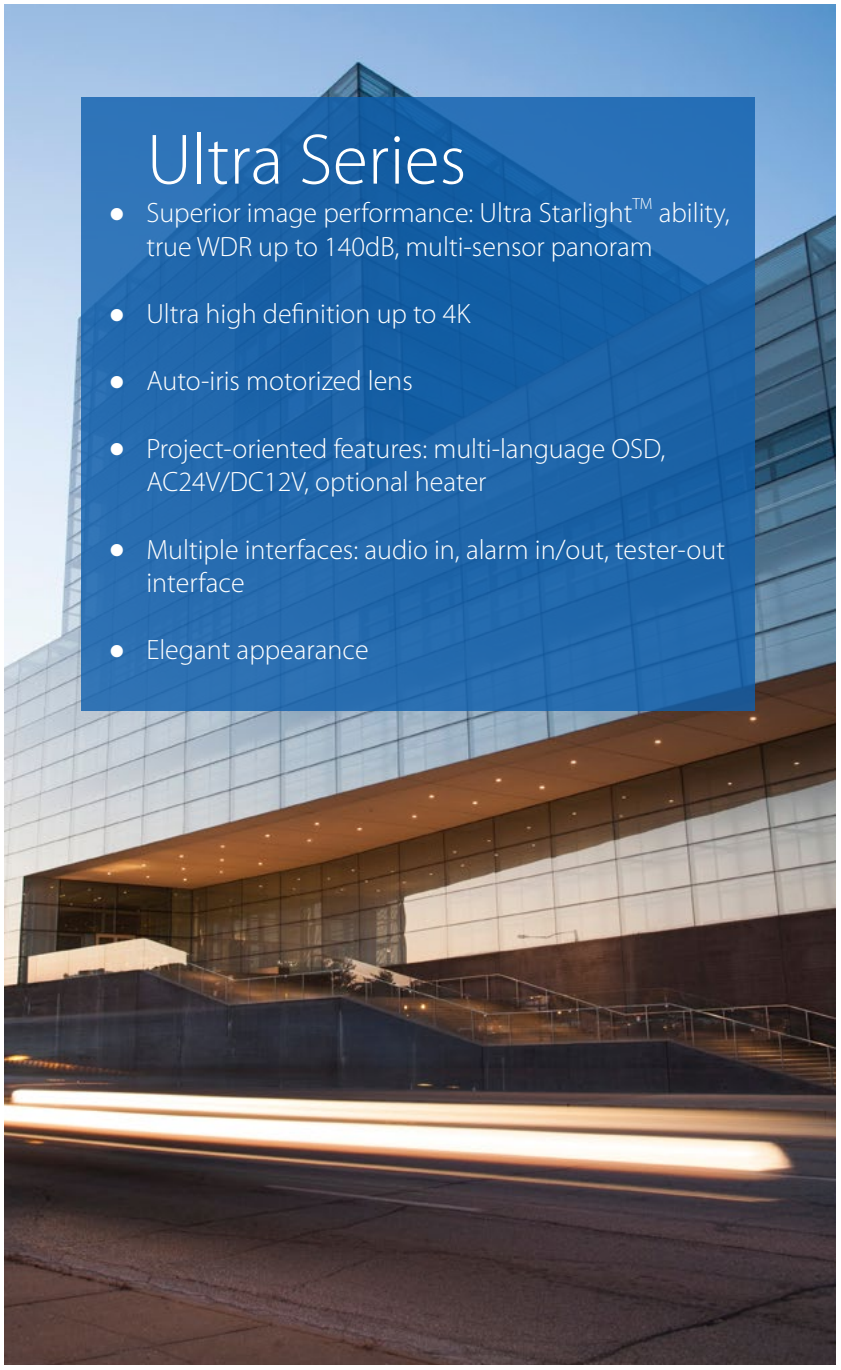
Investment protection to be compatible with existing coaxial cable:

Penta-brid (HDCVI/ AHD/ TVI/ CVBS/ IP);

Seamless upgrade from traditional analog system;

HDCVI CAMERA

HDCVI CAMERA



Ultra Series

- Superior image performance: Ultra Starlight™ ability, true WDR up to 140dB, multi-sensor panoram
- Ultra high definition up to 4K
- Auto-iris motorized lens
- Project-oriented features: multi-language OSD, AC24V/DC12V, optional heater
- Multiple interfaces: audio in, alarm in/out, tester-out interface
- Elegant appearance

Ultra Series

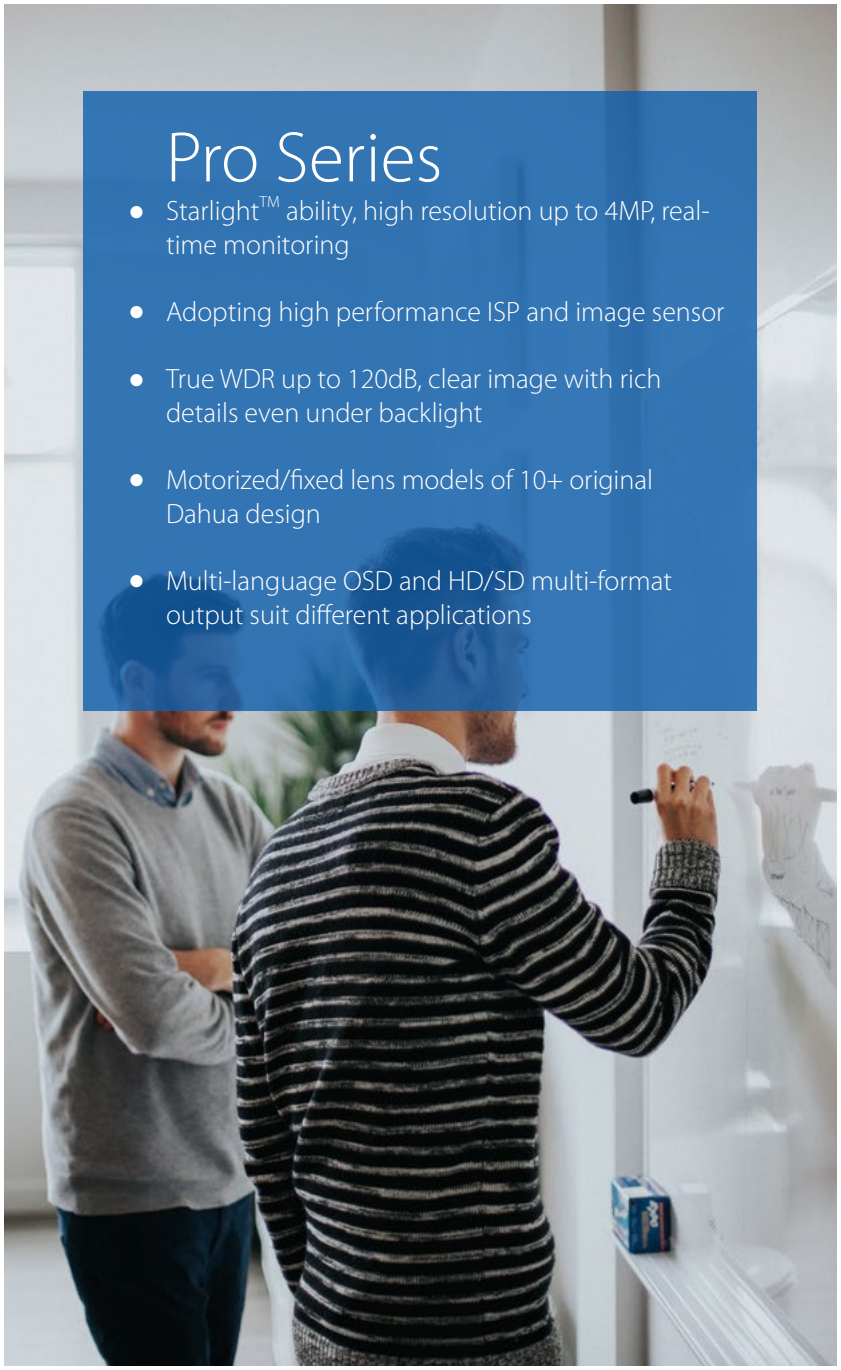
	4K			
Model	HAC-HF3805G	HAC-HFW3802E-Z/ZH-VP	HAC-HDBW3802E-Z/ZH	HAC-EBW3802
	starlight			
Image Sensor	4/3" 8MP STARVIS™ CMOS	1/2" 8MP CMOS	1/2" 8MP CMOS	1/2" 8MP CMOS
Min. Illumination	0.001Lux/F1.2 (Color)	0.01Lux/F1.5 (Color) 0Lux/F1.5 (IR On)	0.01Lux/F1.5 (Color) 0Lux/F1.5 (IR On)	0.01Lux/F2.0 (Color) 0Lux/F2.0 (IR On)
Lens	M43, Auto Iris	3.7~11mm Motorized, Auto Iris	3.7~11mm Motorized, Auto Iris	2.5mm
FOV-H	-	112°~46°	112°~46°	180°
Day/Night	Color	ICR	ICR	ICR
Max. IR Distance	-	100m (328ft), Smart IR	50m (164ft), Smart IR	15m (49ft), Smart IR
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language
WDR	140dB	120dB	120dB	120dB
Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D
Frame Rate	HDMI: 30fps@4K, 30fps@4MP BNC: 15fps@4K, 30fps@4MP	15fps@4K, 30fps@4MP	15fps@4K, 30fps@4MP	15fps@4K, 30fps@4MP
Video Output	HD (HDMI & BNC Output)	HD/SD Dual-output, SD Tester-out	HD/SD Dual-output, SD Tester-out	HD/SD Dual-output
Audio In	1ch in & Built-in Mic	1	1	1ch in & Built-in Mic
Alarm In/Out	2/1	2/1	2/1	2/1
Pan/Tilt/Rotation	-	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~355°; Tilt: 0°~65° Rotation: 0°~355°	-
Ingress Protection	-	IP67, IK10	IP67, IK10	IP67, IK10
Working Temperature	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)(Z) -40°C~+60°C (-40°F ~ +140°F)(ZH)	-30°C~+60°C (-22°F ~ +140°F)(Z) -40°C~+60°C (-40°F ~ +140°F)(ZH)	-30°C~+60°C (-22°F ~ +140°F)
Power	AC24V±25%/DC12V±25% Max. 9W Output: DC12V, Max. 4W	AC24V±25%/DC12V±25% Max. 18.4W Output: DC12V, Max. 4W	AC24V±25%/DC12V±25% Max. 12.4W Output: DC12V, Max. 4W	DC12V±25% Max. 7.6W

HDCVI CAMERA

Ultra Series

	Multi-sensor	1080P Starlight			Pinhole
	HAC-PFW3601-A180	HAC-HF3231E(-T)	HAC-HFW3231E-Z(T)/ZH	HAC-HDBW3231E-Z(T)/ZH	HAC-HUM3201B
Model	starlight	starlight	starlight	starlight	starlight
Image Sensor	3×1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS
Min. Illumination	0.005Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.005Lux/F1.2 (Color) 0.0005Lux/F1.2 (B/W)	0.005Lux/F1.4 (Color) 0Lux/F1.4 (IR On)	0.005Lux/F1.4 (Color) 0Lux/F1.4 (IR On)	0.005Lux/F2.4 (Color) 0.0005Lux/F2.4 (B/W)
Lens	3×3.6mm	C/CS, Auto Iris	2.7~12mm Motorized, Auto Iris	2.7~12mm Motorized, Auto Iris	3.6mm (2.8mm Optional)
FOV-H	Panoramic View: 180° Single View: 3×87°	-	95°~36°	95°~36°	92°(103°)
Day/Night	ICR	ICR	ICR	ICR	Electronic
Max. IR Distance	20m (65.6ft), Smart IR	-	100m (328ft), Smart IR	50m (164ft), Smart IR	-
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WDR	120dB	120dB	120dB	120dB	120dB
Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
Frame Rate	Panoramic View: 15fps@4K, 25fps@4MP Single View: 25fps@1080P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P, 30fps@720P
Video Output	HD (1×Panoramic View & 3×Single View Output) SD Tester-out (Panoramic View)	HD/SD Dual-output SDI Output(-T)	HD/SD Dual-output, SD Tester-out, SDI Output(-ZT)	HD/SD Dual-output, SD Tester-out, SDI Output(-ZT)	HD/SD Switchable
Audio In	1	1ch in & Built-in Mic	1	1	-
Alarm In/Out	2/1	2/1	1/1	1/1	-
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°~360°; Tilt: 0°~180° Rotation: NA
Ingress Protection	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)(Z/ZT) -40°C~+60°C (-40°F ~ +140°F)(ZH)	-30°C~+60°C (-22°F ~ +140°F)(Z/ZT) -40°C~+60°C (-40°F ~ +140°F)(ZH)	-40°C~+60°C (-40°F ~ +140°F)
Power	DC12V±25%, Max. 22W (AC24V±25% Optional, Max. 24W)	AC24V±25%/DC12V±25% Max. 4.7W	AC24V±25%/DC12V±25% Max. 16.6W	AC24V±25%/DC12V±25% Max. 12.5W	DC12V±25% Max. 1.2W

HDCVI CAMERA



Pro Series

- Starlight™ ability, high resolution up to 4MP, real-time monitoring
- Adopting high performance ISP and image sensor
- True WDR up to 120dB, clear image with rich details even under backlight
- Motorized/fixed lens models of 10+ original Dahua design
- Multi-language OSD and HD/SD multi-format output suit different applications

Pro Series

	4MP True WDR			
Model	HAC-HFW2401R-Z-IRE6(-DP)	HAC-HDBW2401R-Z(-DP)	HAC-HDW2401R-Z(-DP)	HAC-HFW2401D
Image Sensor	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS
Min. Illumination	0.01Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.01Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.01Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.01Lux/F1.5 (Color) 0Lux/F1.5 (IR On)
Lens	2.7~13.5mm, Motorized	2.7~13.5mm, Motorized	2.7~13.5mm, Motorized	3.6mm (6mm, 8mm Optional)
FOV-H	98°~26°	98°~26°	98°~26°	79°(48.6°/32.9°)
Day/Night	ICR	ICR	ICR	ICR
Max. IR Distance	60m (197ft), Smart IR	30m (98ft), Smart IR	60m (197ft), Smart IR	80m (262ft), Smart IR
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language
WDR	120dB	120dB	120dB	120dB
Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D
Frame Rate	25fps@4MP, 30fps@1080P, 30fps@720P	25fps@4MP, 30fps@1080P, 30fps@720P	25fps@4MP, 30fps@1080P 30fps@720P	25fps@4MP, 30fps@1080P 30fps@720P
Video Output	HD/SD Dual-output	HD/SD Dual-output	HD/SD Dual-output	HD/SD Dual-output
Audio In	-	-	-	-
Alarm In/Out	-	-	-	-
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~87° Rotation: 0°~360°	Pan: 0°~355°; Tilt: 0°~75° Rotation: 0°~355°	Pan: 0°~360°; Tilt: 0°~78° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~87° Rotation: 0°~360°
Ingress Protection	IP67	IP67, IK10	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)
Power	DC12V±25%, Max. 11.1W AC24V±25%/DC12V±25%, Max. 15.4W(-DP)	DC12V±25%, Max. 7.5W AC24V±25%/DC12V±25% Max. 10.1W(-DP)	DC12V±25%, Max. 8.4W AC24V±25%/DC12V±25% Max. 11.6W(-DP)	DC12V±25% Max. 6W

HDCVI CAMERA

Pro Series

	4MP True WDR					
	HAC-HFW2401E	HAC-HFW2401S	HAC-HDBW2401E	HAC-HDW2401EM(-A)	HAC-HDW2401M	HAC-EB2401
Model						
Image Sensor	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS
Min. Illumination	0.01Lux/F1.5 (Color) 0Lux/F1.5 (IR On)	0.01Lux/F1.5 (Color) 0Lux/F1.5 (IR On)	0.01Lux/F1.5 (Color) 0Lux/F1.5 (IR On)	0.01Lux/F1.5 (Color) 0Lux/F1.5 (IR On)	0.01Lux/F1.5 (Color) 0Lux/F1.5 (IR On)	0.01Lux/F2.0 (Color) 0.001Lux/F2.0 (B/W)
Lens	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)	1.18mm
FOV-H	79°(99.7°/48.6°)	79°(99.7°/48.6°)	79°(99.7°/48.6°)	79°(99.7°/48.6°)	79°(99.7°/48.6°)	180°
Day/Night	ICR	ICR	ICR	ICR	ICR	Electronic
Max. IR Distance	40m (131ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR	50m (164ft), Smart IR	30m (98ft), Smart IR	-
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
Frame Rate	25fps@4MP, 30fps@1080P 30fps@720P	25fps@4MP, 30fps@1080P 30fps@720P	25fps@4MP, 30fps@1080P 30fps@720P	25fps@4MP,30fps@1080P 30fps@720P	25fps@4MP, 30fps@1080P 30fps@720P	25fps@4MP, 30fps@1080P 30fps@720P
Video Output	HD/SD Dual-output	HD/SD Dual-output	HD/SD Dual-output	HD/SD Dual-output	HD/SD Dual-output	HD/SD Dual-output
Audio In	-	-	-	Built-in Mic(-A)	-	-
Alarm In/Out	-	-	-	-	-	-
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°~360°; Tilt: 0°~78° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	-
Ingress Protection	IP67	IP67	IP67, IK10	IP67	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±25% Max. 5.9W	DC12V±25% Max. 4.9W	DC12V±25% Max. 4.4W	DC12V±25% Max. 5.3W	DC12V±25% Max. 4.1W	DC12V±25% Max. 2.2W

HDCVI CAMERA

Pro Series

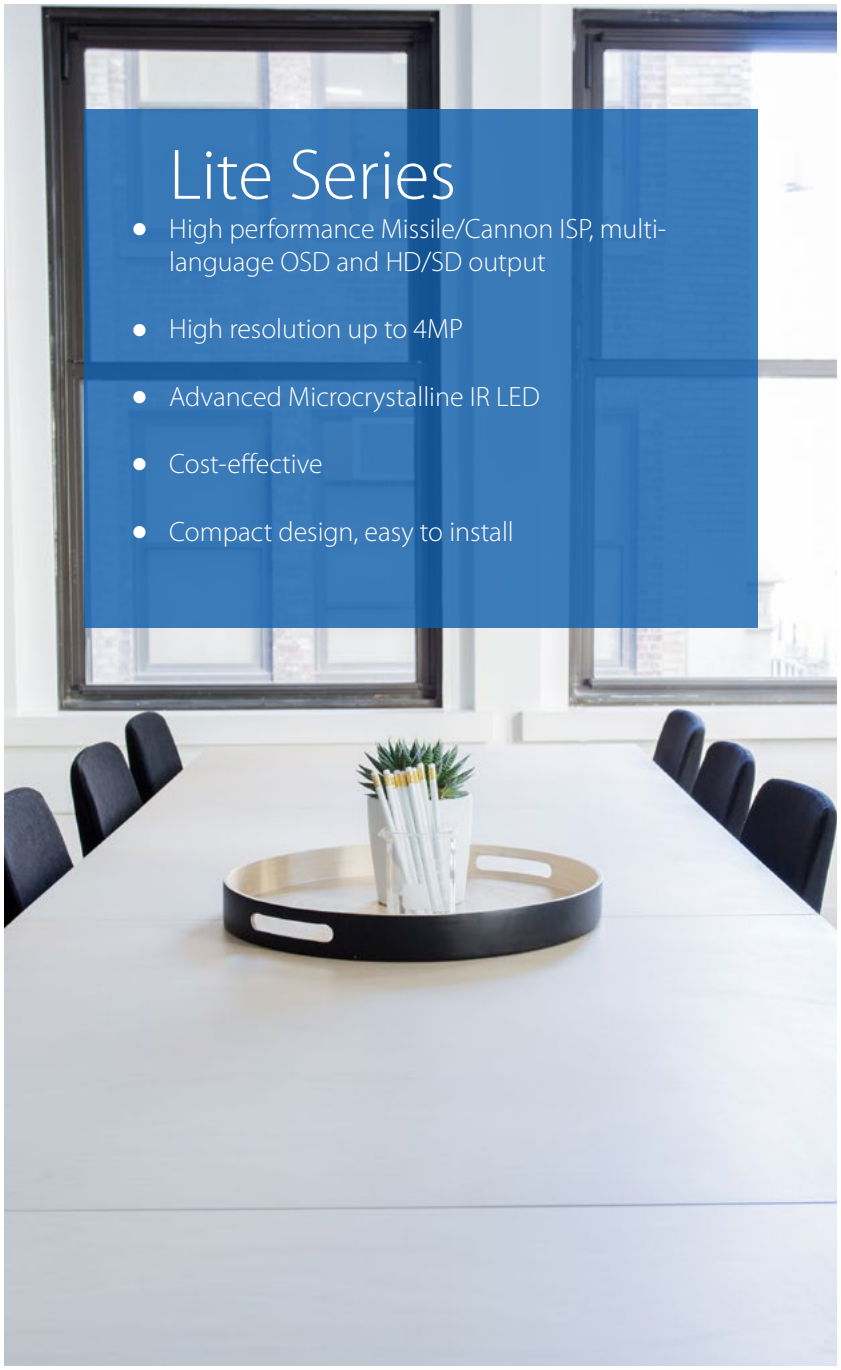
	1080P Starlight						
Model	HAC-HFW2231R-Z-IRE6(-DP)	HAC-HFW2231R-Z-IRE6-POC	HAC-HDBW2231R-Z(-DP)	HAC-HDBW2231R-Z-POC	HAC-HDW2231R-Z(-DP)	HAC-HFW2231D	HAC-HFW2231B
	starlight	starlight	starlight	starlight	starlight	starlight	starlight
Image Sensor	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS
Min. Illumination	0.005Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.005Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.005Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.005Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.005Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.005Lux/F1.6 (Color) 0Lux/F1.6 (IR On)	0.005Lux/F1.6 (Color) 0Lux/F1.6 (IR On)
Lens	2.7~13.5mm (7~22mm Optional), Motorized	2.7~13.5mm, Motorized	2.7~13.5mm, Motorized	2.7~13.5mm, Motorized	2.7~13.5mm, Motorized	3.6mm (6mm, 8mm, 12mm Optional)	3.6mm (6mm, 8mm Optional)
FOV-H	102°~29°(40°~17°)	102°~29°	102°~29°	102°~29°	102°~29°	87°(52.9°/40.5°/26°)	87°(52.9°/40.5°)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	60m (197ft), Smart IR	60m (197ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR	60m (197ft), Smart IR	80m (262ft), Smart IR	50m (164ft), Smart IR
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WDR	120dB	120dB	120dB	120dB	120dB	120dB	120dB
Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
Frame Rate	30fps@1080P, 30fps@720P	30fps@1080P, 30fps@720P	30fps@1080P, 30fps@720P	30fps@1080P, 30fps@720P	30fps@1080P, 30fps@720P	30fps@1080P, 30fps@720P	30fps@1080P, 30fps@720P
Video Output	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable
Audio In	-	-	-	-	-	-	-
Alarm In/Out	-	-	-	-	-	-	-
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~87° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~87° Rotation: 0°~360°	Pan: 0°~355°; Tilt: 0°~75° Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~75° Rotation: 0°~355°	Pan: 0°~360°; Tilt: 0°~78° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~87° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~87° Rotation: 0°~360°
Ingress Protection	IP67	IP67	IP67, IK10	IP67, IK10	IP67	IP67	IP67
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)	-40°C~+60°C (-40°F ~ +140°F)
Power	DC12V±25%, Max. 10.1W AC24V±25%/DC12V±25% Max. 14.1W(-DP)	POC/DC12V±25% Max. 13.9W	DC12V±25%, Max. 5.4W AC24V±25%/DC12V±25% Max. 8.0W(-DP)	POC/DC12V±25% Max. 8.8W Output: DC12V, Max. 2W	DC12V±25%, Max. 7.2W AC24V±25%/DC12V±25% Max. 10.5W(-DP)	DC12V±25% Max. 4.8W	DC12V±25% Max. 3.9W

HDCVI CAMERA

Pro Series

	1080P Starlight						
Model	HAC-HFW2231E	HAC-HFW2231S	HAC-HDBW2231E	HAC-HDBW2231F	HAC-HDW2231EM	HAC-HDW2231M	HAC-HDW2231S
	starlight	starlight	starlight	starlight	starlight	starlight	starlight
Image Sensor	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS
Min. Illumination	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)	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)	0.005Lux/F1.6 (Color) 0Lux/F1.6 (IR On)
Lens	3.6mm (6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)
FOV-H	87°(52.9°)	87°(110.5°/52.9°)	87°(110.5°/52.9°)	87°(110.5°/52.9°)	87°(110.5°/52.9°)	87°(110.5°/52.9°)	87°(110.5°/52.9°)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	40m (131ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR	20m (66ft), Smart IR	50m (164ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WDR	120dB	120dB	120dB	120dB	120dB	120dB	120dB
Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
Frame Rate	30fps@1080P, 30fps@720P	30fps@1080P, 30fps@720P	30fps@1080P, 30fps@720P	30fps@1080P, 30fps@720P	30fps@1080P, 30fps@720P	30fps@1080P, 30fps@720P	30fps@1080P, 30fps@720P
Video Output	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable
Audio In	-	-	-	-	-	-	-
Alarm In/Out	-	-	-	-	-	-	-
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°~60°; Tilt: 0°~80° 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°
Ingress Protection	IP67	IP67	IP67, IK10	IP67, IK10	IP67	IP67	IP67
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)	-40°C~+60°C (-40°F ~ +140°F)
Power	DC12V±25% Max. 4.7W	DC12V±25% Max. 3.4W	DC12V±25% Max. 3.5W	DC12V±25% Max. 2.4W	DC12V±25% Max. 3.9W	DC12V±25% Max. 2.6W	DC12V±25% Max. 2.6W

HDCVI CAMERA



Lite Series

- High performance Missile/Cannon ISP, multi-language OSD and HD/SD output
- High resolution up to 4MP
- Advanced Microcrystalline IR LED
- Cost-effective
- Compact design, easy to install

Lite Series

	4MP			
Model	HAC-HFW1400R-VF-IRE6	HAC-HFW1400R-VF	HAC-HDBW1400R-VF	HAC-HDW1400R-VF
	Missile	Missile	Missile	Missile
Image Sensor	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS
Min. Illumination	0.03Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.03Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.03Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.03Lux/F1.3 (Color) 0Lux/F1.3 (IR On)
Lens	2.7~13.5mm, Manual	2.7~13.5mm, Manual	2.7~13.5mm, Manual	2.7~13.5mm, Manual
FOV-H	98°~26°	98°~26°	98°~26°	98°~26°
Day/Night	ICR	ICR	ICR	ICR
Max. IR Distance	60m (197ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language
WDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	2D	2D	2D	2D
Frame Rate	30fps@4MP, 30fps@1080P, 30fps@720P	30fps@4MP, 30fps@1080P, 30fps@720P	30fps@4MP, 30fps@1080P, 30fps@720P	30fps@4MP, 30fps@1080P, 30fps@720P
Video Output	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable
Audio In	-	-	-	-
Alarm In/Out	-	-	-	-
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~87° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~87° Rotation: 0°~360°	Pan: 0°~355°; Tilt: 0°~75° Rotation: 0°~355°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°
Ingress Protection	IP67	IP67	IP67, IK10	IP67
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	DC12V±25% Max. 7.6W	DC12V±25% Max. 4.6W	DC12V±25% Max. 4.1W	DC12V±25% Max. 4.6W

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Lite Series

	4MP							
	HAC-HFW1400D	HAC-HFW1400B	HAC-HFW1400S	HAC-HFW1400S-POC	HAC-HFW1400SL	HAC-HFW1400T	HAC-HFW1400R	HAC-HDBW1400E
Model	Missile	Missile	Missile	Missile	Missile	Missile	Missile	Missile
Image Sensor	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS
Min. Illumination	0.03Lux/F1.9 (Color) 0Lux/F1.9 (IR On)	0.03Lux/F1.9 (Color) 0Lux/F1.9 (IR On)	0.03Lux/F1.9 (Color) 0Lux/F1.9 (IR On)	0.03Lux/F1.9 (Color) 0Lux/F1.9 (IR On)	0.03Lux/F1.9 (Color) 0Lux/F1.9 (IR On)	0.03Lux/F1.9 (Color) 0Lux/F1.9 (IR On)	0.03Lux/F1.9 (Color) 0Lux/F1.9 (IR On)	0.03Lux/F1.9 (Color) 0Lux/F1.9 (IR On)
Lens	3.6mm (6mm, 8mm, 12mm Optional)	3.6mm (6mm, 8mm Optional)	3.6mm (2.8mm, 6mm, 8mm Optional)	3.6mm (2.8mm, 6mm)	3.6mm (2.8mm, 6mm, 8mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)
FOV-H	78°(48.6°/32.9°/23.6°)	78°(48.6°/32.9°)	78°(99.7°/48.6°/32.9°)	78°(99.7°/48.6°)	78°(99.7°/48.6°/32.9°)	78°(99.7°/48.6°)	78°(99.7°/48.6°)	78°(99.7°/48.6°)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	80m (262ft), Smart IR	50m (164ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR	20m (66ft), Smart IR	20m (66ft), Smart IR	30m (98ft), Smart IR
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	2D	2D	2D	2D	2D	2D	2D	2D
Frame Rate	30fps@4MP, 30fps@1080P, 30fps@720P	30fps@4MP, 30fps@1080P, 30fps@720P	30fps@4MP, 30fps@1080P, 30fps@720P	30fps@4MP, 30fps@1080P, 30fps@720P	30fps@4MP, 30fps@1080P, 30fps@720P	30fps@4MP, 30fps@1080P, 30fps@720P	30fps@4MP, 30fps@1080P, 30fps@720P	30fps@4MP, 30fps@1080P, 30fps@720P
Video Output	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable
Audio In	-	-	-	-	-	-	-	-
Alarm In/Out	-	-	-	-	-	-	-	-
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~87° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~87° 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°~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°
Ingress Protection	IP67	IP67	IP67	IP67	IP67	IP67	IP67	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)	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)
Power	DC12V±25% Max. 5.2W	DC12V±25% Max. 4.1W	DC12V±25% Max. 4.6W	POC/DC12V±25% Max. 4.6W	DC12V±25% Max. 4.6W	DC12V±25% Max. 3.2W	DC12V±25% Max. 3.2W	DC12V±25% Max. 3.6W

HDCVI CAMERA

Lite Series

	4MP				1080P			
Model	HAC-HDW1400EM(-A)	HAC-HDW1400EM-POC	HAC-HDW1400M	HAC-HDW1400R	HAC-HFW1220R-VF-IRE6	HAC-HFW1200R-VF-IRE6	HAC-HFW1220R-VF	HAC-HFW1200R-VF
	Missile	Missile	Missile	Missile	Cannon	Cannon	Cannon	Cannon
Image Sensor	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS
Min. Illumination	0.03Lux/F1.9 (Color) 0Lux/F1.9 (IR On)	0.03Lux/F1.9 (Color) 0Lux/F1.9 (IR On)	0.03Lux/F1.9 (Color) 0Lux/F1.9 (IR On)	0.03Lux/F1.9 (Color) 0Lux/F1.9 (IR On)	0.02Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.02Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.02Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.02Lux/F1.3 (Color) 0Lux/F1.3 (IR On)
Lens	3.6mm (2.8mm, 6mm, 8mm Optional)	3.6mm (2.8mm, 6mm)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)	2.7~13.5mm, Manual	2.7~13.5mm, Manual	2.7~13.5mm, Manual	2.7~13.5mm, Manual
FOV-H	78°(99.7°/48.6°/32.9°)	78°(99.7°/48.6°)	78°(99.7°/48.6°)	78°(99.7°/48.6°)	104°~28°	106°~30°	104°~28°	106°~30°
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	50m (164ft), Smart IR	50m (164ft), Smart IR	30m (98ft), Smart IR	20m (66ft), Smart IR	60m (197ft), Smart IR	60m (197ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	2D	2D	2D	2D	2D	2D	2D	2D
Frame Rate	30fps@4MP, 30fps@1080P, 30fps@720P	30fps@4MP, 30fps@1080P, 30fps@720P	30fps@4MP, 30fps@1080P, 30fps@720P	30fps@4MP, 30fps@1080P, 30fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P
Video Output	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable
Audio In	Built-in Mic(-A)	-	-	-	-	-	-	-
Alarm In/Out	-	-	-	-	-	-	-	-
Pan/Tilt/Rotation	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°~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°
Ingress Protection	IP67	IP67	IP67	-	IP67	IP67	IP67	IP67
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)	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)
Power	DC12V±25% Max. 4.1W	POC/DC12V±25% Max. 4.1W	DC12V±25% Max. 3.2W	DC12V±25% Max. 3.2W	DC12V±25% Max. 7.7W	DC12V±25% Max. 7.9W	DC12V±25% Max. 4.2W	DC12V±25% Max. 4.4W

HDCVI CAMERA

Lite Series

	1080P							
Model	HAC-HDBW1220R-VF	HAC-HDBW1200R-VF	HAC-HDW1220R-VF	HAC-HDW1200R-VF	HAC-HFW1220D	HAC-HFW1200D	HAC-HFW1220B	HAC-HFW1200B
	Cannon	Cannon	Cannon	Cannon	Cannon	Cannon	Cannon	Cannon
Image Sensor	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS
Min. Illumination	0.02Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.02Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.02Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.02Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)
Lens	2.7~13.5mm, Manual	2.7~13.5mm, Manual	2.7~13.5mm, Manual	2.7~13.5mm, Manual	3.6mm (6mm, 8mm Optional)	3.6mm (6mm, 8mm Optional)	3.6mm (2.8mm, 6mm, 8mm Optional)	3.6mm (6mm, 8mm Optional)
FOV-H	104°~28°	106°~30°	104°~28°	106°~30°	82.8°(51°/35.1°)	89.9°(54.7°/41.6°)	82.8°(106°/51°/35.1°)	89.9°(54.7°/41.6°)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	30m (98ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR	80m (262ft), Smart IR	80m (262ft), Smart IR	50m (164ft), Smart IR	50m (164ft), Smart IR
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	2D	2D	2D	2D	2D	2D	2D	2D
Frame Rate	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P
Video Output	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable
Audio In	-	-	-	-	-	-	-	-
Alarm In/Out	-	-	-	-	-	-	-	-
Pan/Tilt/Rotation	Pan: 0°~355°; Tilt: 0°~75° Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~75° 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°~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°
Ingress Protection	IP67, IK10	IP67, IK10	IP67	IP67	IP67	IP67	IP67	IP67
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)	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)
Power	DC12V±25% Max. 3.4W	DC12V±25% Max. 3.4W	DC12V±25% Max. 4.2W	DC12V±25% Max. 4.4W	DC12V±25% Max. 4.5W	DC12V±25% Max. 5W	DC12V±25% Max. 4W	DC12V±25% Max. 4W

HDCVI CAMERA

Lite Series

	1080P							
Model	HAC-HFW1220S	HAC-HFW1200S	HAC-HFW1200S-POC	HAC-HFW1220SL	HAC-HFW1200SL	HAC-HFW1220RM	HAC-HFW1200RM	HAC-HFW1220R
	Cannon	Cannon	Cannon	Cannon	Cannon	Cannon	Cannon	Cannon
Image Sensor	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS	1/2.9" 2MP CMOS
Min. Illumination	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)
Lens	3.6mm (2.8mm, 6mm Optional)	3.6mm (6mm Optional)	3.6mm (6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (6mm, 8mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (6mm Optional)	3.6mm (2.8mm, 6mm Optional)
FOV-H	82.8°(106°/51°)	89.9°(54.7°)	89.9°(54.7°)	82.8°(106°/51°)	89.9°(54.7°/41.6°)	82.8°(106°/51°)	89.9°(54.7°)	82.8°(106°/51°)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	30m (98ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR	20m (66ft), Smart IR	20m (66ft), Smart IR	20m (66ft), Smart IR
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	2D	2D	2D	2D	2D	2D	2D	2D
Frame Rate	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P, 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P
Video Output	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable
Audio In	-	-	-	-	-	-	-	-
Alarm In/Out	-	-	-	-	-	-	-	-
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°~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°
Ingress Protection	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67
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)	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)
Power	DC12V±25% Max. 3.8W	DC12V±25% Max. 4.2W	POC/DC12V±25% Max. 4.2W	DC12V±25% Max. 3.9W	DC12V±25% Max. 4.2W	DC12V±25% Max. 2.8W	DC12V±25% Max. 3.2W	DC12V±25% Max. 2.8W

HDCVI CAMERA

Lite Series

	1080P								
Model	HAC-HFW1200R	HAC-HDBW1220E	HAC-HDBW1200E	HAC-HDW1220EM(-A)	HAC-HDW1200EM(-A)	HAC-HDW1200EM-POC	HAC-HDW1220M	HAC-HDW1200M	HAC-HDW1220G
	Cannon	Cannon	Cannon	Cannon	Cannon	Cannon	Cannon	Cannon	Cannon
Image Sensor	1/2.7" 2MP CMOS	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS	1/2.9" 2MP CMOS
Min. Illumination	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)
Lens	3.6mm (6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (6mm Optional)	3.6mm (6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (6mm Optional)	3.6mm (6mm Optional)
FOV-H	89.9°(54.7°)	82.8°(106°/51°)	89.9°(54.7°)	82.8°(106°/51°)	89.9°(54.7°)	89.9°(54.7°)	82.8°(106°/51°)	89.9°(54.7°)	82.8°(51°)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	20m (66ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR	50m (164ft), Smart IR	50m (164ft), Smart IR	50m (164ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR	20m (66ft), Smart IR
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	2D	2D	2D	2D	2D	2D	2D	2D	2D
Frame Rate	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P, 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P
Video Output	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable
Audio In	-	-	-	Built-in Mic(-A)	Built-in Mic(-A)	-	-	-	Built-in Mic
Alarm In/Out	-	-	-	-	-	-	-	-	-
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°~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°~80° Rotation: 0°~360°
Ingress Protection	IP67	IP67, IK10	IP67, IK10	IP67	IP67	IP67	IP67	IP67	IP67
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)	-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±25% Max. 3.2W	DC12V±25% Max. 2.6W	DC12V±25% Max. 3.2W	DC12V±25% Max. 2.9W	DC12V±25% Max. 3.2W	POC/DC12V±25% Max. 3.2W	DC12V±25% Max. 2.8W	DC12V±25% Max. 3.2W	DC12V±25% Max 2.9W

HDCVI CAMERA

Lite Series

	1080P				720P			
Model	HAC-HDW1220R	HAC-HDW1200R	HAC-HUM1220G(-B)	HAC-HUM1220G-B-P	HAC-HFW1100R-VF-IRE6	HAC-HFW1100R-VF	HAC-HDBW1100R-VF	HAC-HDW1100R-VF
	Cannon	Cannon	Cannon	Cannon	Cannon	Cannon	Cannon	Cannon
Image Sensor	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS	1/2.9" 2MP CMOS	1/2.9" 2MP CMOS	1/3" 1MP CMOS	1/3" 1MP CMOS	1/3" 1MP CMOS	1/3" 1MP CMOS
Min. Illumination	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0.002Lux/F2.0 (B/W)	0.02Lux/F2.0 (Color) 0.002Lux/F2.0 (B/W)	0.05Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.05Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.05Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.05Lux/F1.3 (Color) 0Lux/F1.3 (IR On)
Lens	3.6mm (2.8mm, 6mm Optional)	3.6mm (6mm Optional)	3.6mm (2.1mm, 2.8mm Optional)	2.8mm	2.7~13.5mm, Manual	2.7~13.5mm, Manual	2.7~13.5mm, Manual	2.7~13.5mm, Manual
FOV-H	82.8°(106°/51°)	89.9°(54.7°)	92°(117.8°/109.4°)	100.5°	91°~25°	91°~25°	91°~25°	91°~25°
Day/Night	ICR	ICR	Electronic	Electronic	ICR	ICR	ICR	ICR
Max. IR Distance	20m (66ft), Smart IR	20m (66ft), Smart IR	-	-	60m (197ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	2D	2D	2D	2D	2D	2D	2D	2D
Frame Rate	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P, 30/60fps@720P	30fps@1080P, 30/60fps@720P	30fps@720P	30fps@720P	30fps@720P	30fps@720P
Video Output	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable
Audio In	-	-	-	-	-	-	-	-
Alarm In/Out	-	-	-	-	-	-	-	-
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°~360°; Tilt: 0°~87° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~87° Rotation: 0°~360°	Pan: 0°~355°; Tilt: 0°~75° Rotation: 0°~355°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°
Ingress Protection	-	-	IP67	IP67	IP67	IP67	IP67, IK10	IP67
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)	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)
Power	DC12V±25% Max. 2.8W	DC12V±25% Max. 3.2W	DC12V±25% Max. 0.6W	DC12V±25% Max. 0.6W	DC12V±25% Max. 7W	DC12V±25% Max. 3W	DC12V±25% Max. 2.9W	DC12V±25% Max. 3W

HDCVI CAMERA

Lite Series

	720P							
Model	HAC-HFW1100D	HAC-HFW1100B	HAC-HFW1100S	HAC-HFW1000S	HAC-HFW1100SL	HAC-HFW1000SL	HAC-HFW1100RM	HAC-HFW1000RM
	Cannon	Cannon	Cannon	Cannon	Cannon	Cannon	Cannon	Cannon
Image Sensor	1/3" 1MP CMOS	1/3" 1MP CMOS	1/3" 1MP CMOS	1/4" 1MP CMOS	1/3" 1MP CMOS	1/4" 1MP CMOS	1/3" 1MP CMOS	1/4" 1MP CMOS
Min. Illumination	0.05Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.05Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.05Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.05Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.05Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.05Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.05Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.05Lux/F2.0 (Color) 0Lux/F2.0 (IR On)
Lens	3.6mm (6mm, 8mm Optional)	3.6mm (2.8mm, 6mm, 8mm Optional)	3.6mm (2.8mm, 6mm, Optional)	3.6mm (2.8mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm Optional)	3.6mm (2.8mm, 6mm, Optional)	3.6mm (2.8mm Optional)
FOV-H	72.3°(46°/34.8°)	72.3°(91.6°/46°/34.8°)	72.3°(91.6°/46°)	60°(83.4°)	72.3°(91.6°/46°)	60°(83.4°)	72.3°(91.6°/46°)	60°(83.4°)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	80m (262ft), Smart IR	50m (164ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR	20m (66ft), Smart IR	20m (66ft), Smart IR
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	2D	2D	2D	2D	2D	2D	2D	2D
Frame Rate	30fps@720P	30fps@720P	30fps@720P	30fps@720P	30fps@720P	30fps@720P	30fps@720P	30fps@720P
Video Output	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable
Audio In	-	-	-	-	-	-	-	-
Alarm In/Out	-	-	-	-	-	-	-	-
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~87° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~87° 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°~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°
Ingress Protection	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67
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)	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)
Power	DC12V±25% Max. 4.6W	DC12V±25% Max.3.5W	DC12V±25% Max. 3.8W	DC12V±25% Max. 3.8W	DC12V±25% Max. 3.8W	DC12V±25% Max. 3.8W	DC12V±25% Max. 2.8W	DC12V±25% Max. 2.8W

HDCVI CAMERA

Lite Series

	720P							
Model	HAC-HFW1100R	HAC-HFW1000R	HAC-HDBW1100E	HAC-HDW1100EM(-A)	HAC-HDW1100M	HAC-HDW1000M	HAC-HDW1100R	HAC-HDW1000R
	Cannon	Cannon	Cannon	Cannon	Cannon	Cannon	Cannon	Cannon
Image Sensor	1/3" 1MP CMOS	1/4" 1MP CMOS	1/3" 1MP CMOS	1/3" 1MP CMOS	1/3" 1MP CMOS	1/4" 1MP CMOS	1/3" 1MP CMOS	1/4" 1MP CMOS
Min. Illumination	0.05Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.05Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.05Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.05Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.05Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.05Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.05Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.05Lux/F2.0 (Color) 0Lux/F2.0 (IR On)
Lens	3.6mm (2.8mm, 6mm, Optional)	3.6mm (2.8mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm Optional)
FOV-H	72.3°(91.6°/46°)	60°(83.4°)	72.3°(91.6°/46°)	72.3°(91.6°/46°)	72.3°(91.6°/46°)	60°(83.4°)	72.3°(91.6°/46°)	60°(83.4°)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	20m (66ft), Smart IR	20m (66ft), Smart IR	30m (98ft), Smart IR	50m (164ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR	20m (66ft), Smart IR	20m (66ft), Smart IR
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	2D	2D	2D	2D	2D	2D	2D	2D
Frame Rate	30fps@720P	30fps@720P	30fps@720P	30fps@720P	30fps@720P	30fps@720P	30fps@720P	30fps@720P
Video Output	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable
Audio In	-	-	-	Built-in Mic(-A)	-	-	-	-
Alarm In/Out	-	-	-	-	-	-	-	-
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°~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°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°
Ingress Protection	IP67	IP67	IP67, IK10	IP67	IP67	IP67	-	-
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)	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)
Power	DC12V±25% Max. 2.8W	DC12V±25% Max. 2.8W	DC12V±25% Max. 2.4W	DC12V±25% Max. 2.9W	DC12V±25% Max. 2.8W	DC12V±25% Max. 2.8W	DC12V±25% Max. 2.8W	DC12V±25% Max. 2.8W

HDCVI CAMERA

IoT Series

- Video linkage with all kinds of sensors
- Video with real-time temperature & humidity info overlay enhances monitoring efficiency
- Gateway camera integrates wireless alarm devices and provides visual records for triggered alarms
- Accurate detection based on HDCVI video surveillance & PIR
- Multi-signal communication over coaxial cable

IoT Series

	MotionEye					
Model	HAC-LC1220T-TH	HAC-LC1200SL-W	HAC-ME1400B	HAC-ME1200B	HAC-HUM1220A	HAC-HUM1220A-W
Image Sensor	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS	1/3" 4MP CMOS	1/2.7" 2MP CMOS	1/2.9" 2MP CMOS	1/2.9" 2MP CMOS
Min. Illumination	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.03Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0.002Lux/F2.0 (B/W)	0.02Lux/F2.0 (Color) 0.002Lux/F2.0 (B/W)
Lens	3.6mm (2.8mm, 6mm Optional)	3.6mm (6mm Optional)	2.8mm	2.8mm	2.8mm	2.8mm
FOV-H	82.8°(106°/51°)	89.9°(54.7°)	107.2°	112°	100.5°	100.5°
Day/Night	ICR	ICR	ICR	ICR	Electronic	Electronic
Max. IR Distance	20m (66ft), Smart IR	30m (98ft), Smart IR	20m (66ft), Smart IR	20m (66ft), Smart IR	-	-
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	2D	2D	2D	2D	2D	2D
Frame Rate	30fps@1080P, 30/60fps@720P	30fps@1080P, 30/60fps@720P	30fps@4MP, 30fps@1080P, 30fps@720P	30fps@1080P, 30/60fps@720P	30fps@1080P, 30/60fps@720P	30fps@1080P, 30/60fps@720P
Video Output	HD/SD Switchable (Video only)	HD/SD Switchable (Video only)	HD/SD Switchable (Video only)	HD/SD Switchable (Video only)	HD/SD Switchable (Video only)	HD/SD Switchable (Video only)
IoT Features	Built-in Temperature & Humidity Sensor Detection Range: -40°C~+60°C (-40°F ~ +140°F) & 10-95%RH	Built-in Airfly Tranceiver Up to 32 Wireless Devices Connection Transimission Range up to 100m (Open Space)	Accurate Alarm Based on PIR & Motion Dual-detection Coax Alarm Out	Accurate Alarm Based on PIR & Motion Dual-detection Coax Alarm Out	Built-in PIR Coax Alarm Out	Built-in PIR Coax & Wireless Alarm Out
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°~180°; Tilt: 0°~180° Rotation: 0°~360°	Pan:0°~180°; Tilt: 0°~180° Rotation: 0°~360°
Ingress Protection	IP67	IP67	IP67	IP67	-	-
Working Temperature	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)	-10°C~+50°C (14°F ~ +122°F)	-10°C~+50°C (14°F ~ +122°F)	-10°C~+50°C (14°F ~ +122°F)	-10°C~+50°C (14°F ~ +122°F)
Power	DC12V±25% Max. 3.4W	DC12V±25% Max. 4.2W	DC12V±30% Max. 4.4W	DC12V±30% Max.4.1W	DC12V±25% Max. 0.7W	DC12V±25% Max. 0.7W

HDCVI PTZ CAMERA

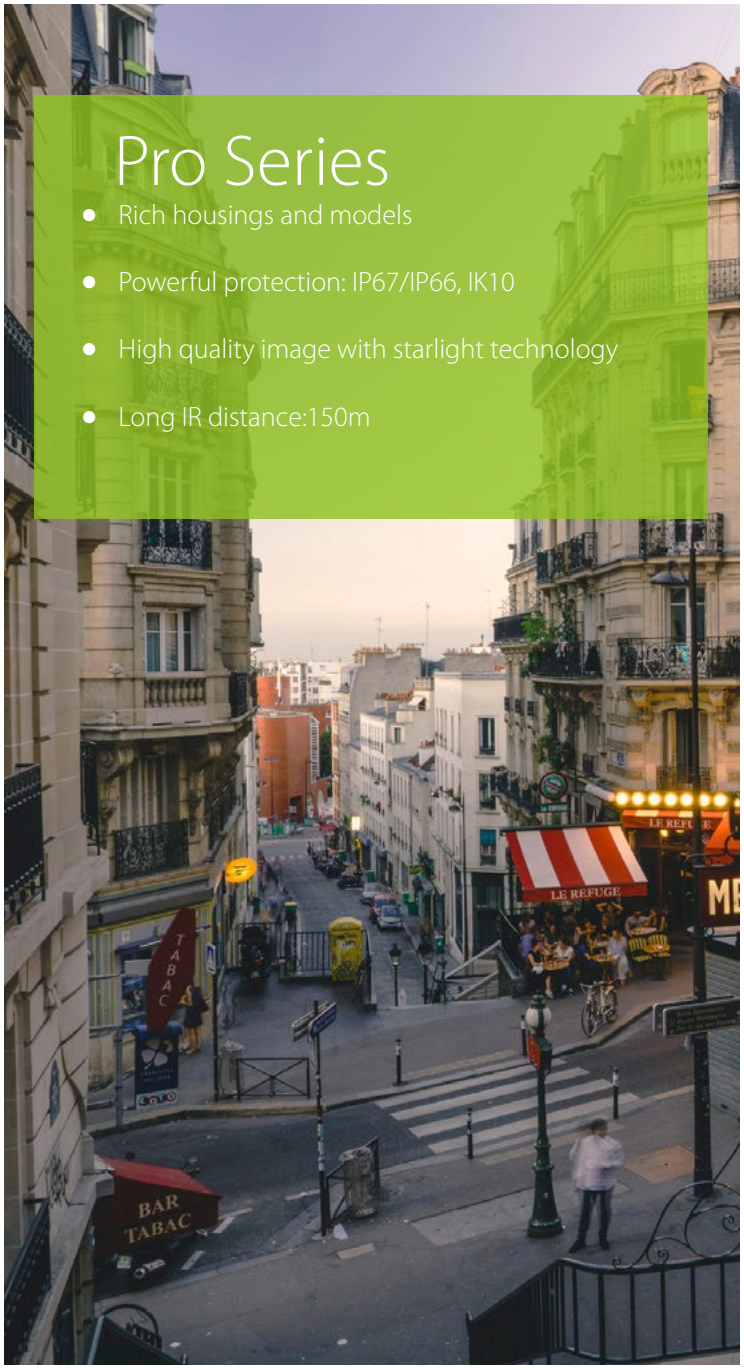
HDCVI PTZ CAMERA

Ultra Series

- Superior image performance: Sony sensor, Starlight ability, true WDR up to 120dB.
- Superior protection: IP67, IK10
- Long IR distance: 200m
- Elegant appearance

Ultra Series		
	1080P	
Model	SD6AE230IA-HC	SD65F230IA-HC
	starlight	starlight
Image Sensor	1/1.9" 2MP CMOS	1/1.9" 2MP CMOS
Min. Illumination	0.002Lux/F1.6(Color) 0Lux/F1.6 (IR on)	0.002Lux/F1.6(Color) 0.0002Lux/F1.6 (B/W)
Lens	6~180mm (30x Optical zoom)	6~180mm (30x Optical zoom)
FOV-H	61.2° ~ 2.1°	61.2° ~ 2.1°
Day/Night	ICR	ICR
Max. IR Distance	200m(656ft)	-
OSD Menu	Supported	Supported
WDR	120dB True WDR	120dB True WDR
Noise Reduction	2D/3D	2D/3D
Frame Rate	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P
Video Output	HD/SD Switchable	HD/SD Switchable
Pan/Tilt	Pan: 0° ~ 360° endless; Tilt:-20° ~ 90°	Pan: 0° ~ 360° endless; Tilt:-20° ~ 90°
Preset Speed	Pan: 240° /s Tilt: 200° /s	Pan: 600° /s Tilt: 500° /s
Audio In	1	1
Alarm In/Out	2/1	2/1
Ingress Protection	IP67,IK10	IP67,IK10
Working Temperature	-40°C~+70°C (-40°F~+158°F)	-40°C~+70°C (-40°F~+158°F)
Power	AC24V Max. 38W	AC24V Max. 20W

HDCVI PTZ CAMERA



Pro Series

- Rich housings and models
- Powerful protection: IP67/IP66, IK10
- High quality image with starlight technology
- Long IR distance:150m

Pro Series					
	4MP				
Model	SD6C430I-HC	SD60430I-HC	SD59430I-HC	SD50430I-HC	SD52C430I-HC
Image Sensor	1/3” 4MP CMOS	1/3” 4MP CMOS	1/3” 4MP CMOS	1/3” 4MP CMOS	1/3” 4MP CMOS
Min. Illumination	0.05Lux/F1.6(Color) 0Lux/F1.6 (IR on)	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)	0.05Lux/F1.6(Color) 0.005Lux/F1.6 (B/W)
Lens	4.5~135mm (30x Optical zoom)	4.5~135mm (30x Optical zoom)	4.5~135mm (30x Optical zoom)	4.5~135mm (30x Optical zoom)	4.5~135mm (30x Optical zoom)
FOV-H	60° ~ 2.2°	60° ~ 2.2°	60° ~ 2.2°	60° ~ 2.2°	60° ~ 2.2°
Day/Night	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	100m(328ft)	-	100m(328ft)	-	-
OSD Menu	Supported	Supported	Supported	Supported	Supported
WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
Frame Rate	30fps@4MP/1080P 30/60fps@720P	30fps@4MP/1080P 30/60fps@720P	30fps@4MP/1080P 30/60fps@720P	30fps@4MP/1080P 30/60fps@720P	30fps@4MP/1080P 30/60fps@720P
Video Output	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable
Pan/Tilt	Pan: 0° ~ 360° endless; Tilt:-15° ~ 90°	Pan: 0° ~ 360° endless Tilt:-20° ~ 90°	Pan: 0° ~ 360° endless Tilt:-15° ~ 90°	Pan: 0° ~ 360° endless Tilt: 0° ~ 90°	Pan: 0° ~ 360° endless Tilt: 0° ~ 90°
Preset Speed	Pan: 240° /s; Tilt: 200° /s	Pan: 600° /s; Tilt: 500° /s	Pan: 400° /s; Tilt: 300° /s	Pan: 500° /s; Tilt: 500° /s	Pan: 500° /s;Tilt: 500° /s
Audio In	1	1	1	1	1
Alarm In/Out	2/1	2/1	2/1	2/1	2/1
Ingress Protection	IP66	IP67, IK10	IP66	IP67, IK10	IK10
Working Temperature	-40°C~+60°C (-40°F~+140°F)	-40°C~+70°C (-40°F~+158°F)	-40°C~+70°C (-40°F~+158°F)	-40°C~+60°C (-40°F~+140°F)	-30°C~+60°C (-22°F~+140°F)
Power	AC24V Max. 26W	AC24V Max. 20W	AC24V Max. 25W	AC24V Max. 23W	AC24V Max. 13W

HDCVI PTZ CAMERA

Pro Series

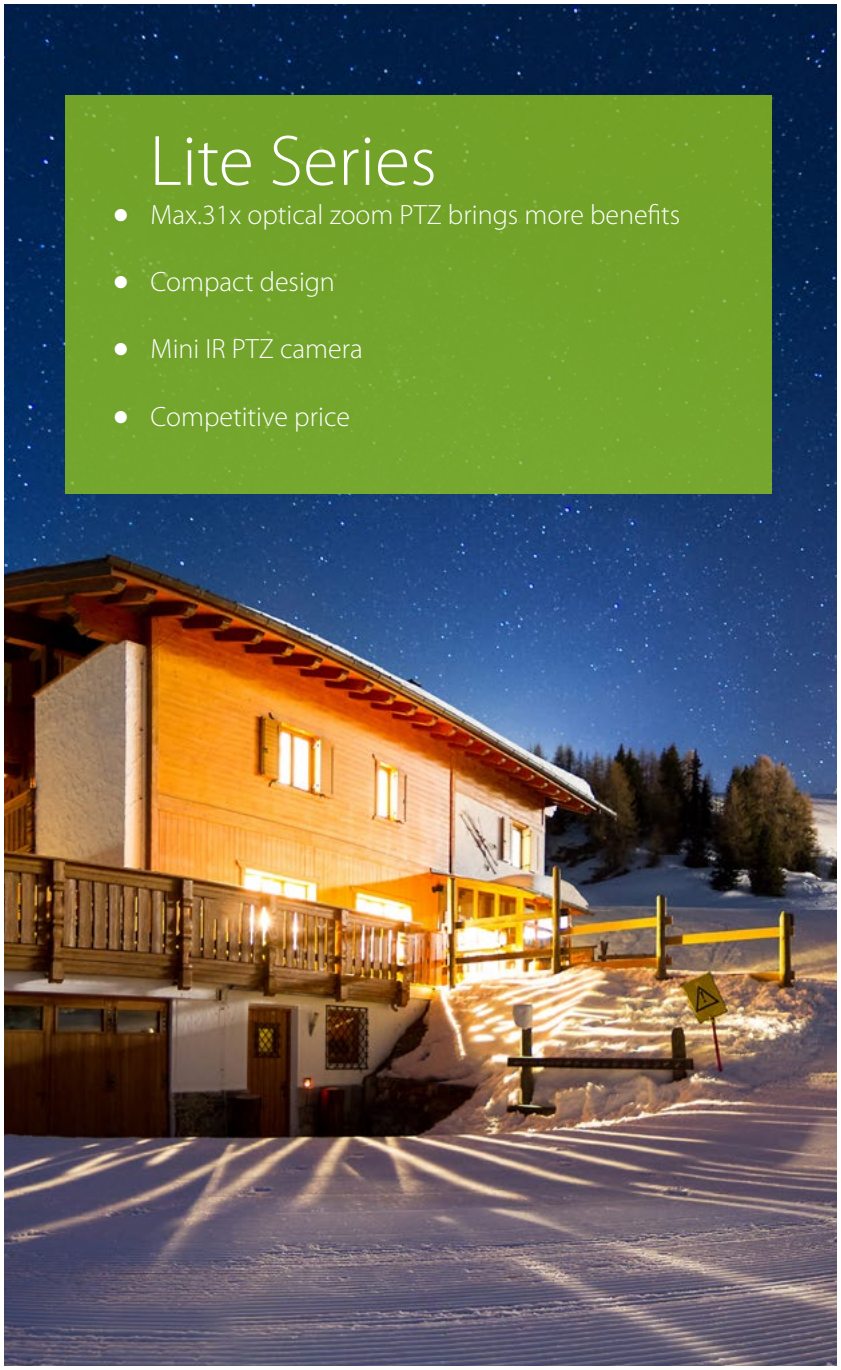
	1080P							
Model	SD6C230I-HC(-S3)	SD6C225I-HC(-S3)	SD60230I-HC(-S3)	SD60225I-HC(-S3)	SD59230I-HC(-S3)	SD59225I-HC(-S3)	SD50230I-HC(-S3)	SD50225I-HC(-S3)
	starlight	starlight	starlight	starlight	starlight	starlight	starlight	starlight
Image Sensor	1/2.8” 2MP STARVIS™ CMOS	1/2.8” 2MP STARVIS™ CMOS	1/2.8” 2MP STARVIS™ CMOS	1/2.8” 2MP STARVIS™ CMOS	1/2.8” 2MP STARVIS™ CMOS	1/2.8” 2MP STARVIS™ CMOS	1/2.8” 2MP STARVIS™ CMOS	1/2.8” 2MP STARVIS™ CMOS
Min. Illumination	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) 0.0005Lux/F1.6 (B/W)	0.005Lux/F1.6 (Color) 0.0005Lux/F1.6 (B/W)	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) 0.0005Lux/F1.6 (B/W)	0.005Lux/F1.6 (Color) 0.0005Lux/F1.6 (B/W)
Lens	4.5~135mm (30x Optical zoom)	4.8~120mm (25x Optical zoom)	4.5~135mm (30x Optical zoom)	4.8~120mm (25x Optical zoom)	4.5~135mm (30x Optical zoom)	4.8~120mm (25x Optical zoom)	4.5~135mm (30x Optical zoom)	4.8~120mm (25x Optical zoom)
FOV-H	67.8° ~ 2.4°	59.2° ~ 2.4°	67.8° ~ 2.4°	59.2° ~ 2.4°	67.8° ~ 2.4°	59.2° ~ 2.4°	67.8° ~ 2.4°	59.2° ~ 2.4°
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	150m(492ft)	150m(492ft)	-	-	150m(492ft)	150m(492ft)	-	-
OSD Menu	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
Frame Rate	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P
Video Output	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable
Pan/Tilt	Pan: 0° ~ 360° endless Tilt:-15° ~ 90°	Pan: 0° ~ 360° endless; Tilt:-15° ~ 90°	Pan: 0° ~ 360° endless; Tilt:-20° ~ 90°	Pan: 0° ~ 360° endless; Tilt:-20° ~ 90°	Pan: 0° ~ 360° endless; Tilt:-15° ~ 90°	Pan: 0° ~ 360° endless; Tilt:-15° ~ 90°	Pan: 0° ~ 360° endless; Tilt: 0° ~ 90°	Pan: 0° ~ 360° endless; Tilt: 0° ~ 90°
Preset Speed	Pan: 240°/s Tilt: 200°/s	Pan: 240° /s Tilt: 200° /s	Pan: 600°/s Tilt: 500°/s	Pan: 600°/s Tilt: 500°/s	Pan: 400°/s Tilt: 300°/s	Pan: 400°/s Tilt: 300°/s	Pan: 500°/s Tilt: 500°/s	Pan: 500°/s Tilt: 500°/s
Audio In	1	1	1	1	1	1	1	1
Alarm In/Out	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1
Ingress Protection	IP66	IP66	IP67, IK10	IP67, IK10	IP66	IP66	IP67, IK10	IP67, IK10
Working Temperature	-40°C ~ +60°C (-40°F~+140°F)	-40°C~+60°C (-40°F~+140°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~+60°C (-40°F~+140°F)	-40°C~+60°C (-40°F~+140°F)
Power	AC24V Max. 26W	AC24V Max. 26W	AC24V Max. 20W	AC24V Max. 20W	AC24V Max. 25W	AC24V Max. 25W	AC24V Max. 23W	AC24V Max. 23W

HDCVI PTZ CAMERA

Pro Series

	1080P		720P				
Model	SD52C230I-HC(-S3)	SD52C225I-HC(-S3)	SD6C131I-HC(-S3)	SD60131I-HC(-S3)	SD59131I-HC(-S3)	SD50131I-HC(-S3)	SD52C131I-HC(-S3)
	starlight	starlight	starlight	starlight	starlight	starlight	starlight
Image Sensor	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS	1/2.8" STARVIS™ CMOS
Min. Illumination	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/F1.6 (IR on)	0.005Lux/F1.6 (Color) 0.0005Lux/F1.6 (B/W)	0.005Lux/F1.6 (Color) 0Lux/F1.6 (IR on)	0.005Lux/F1.6 (Color) 0.0005Lux/F1.6 (B/W)	0.005Lux/F1.6 (Color) 0.0005Lux/F1.6 (B/W)
Lens	4.5~135mm (30x Optical zoom)	4.8~120mm (25x Optical zoom)	4.8~150mm (31x Optical zoom)	4.8~150mm (31x Optical zoom)	4.8~150mm (31x Optical zoom)	4.8~150mm (31x Optical zoom)	4.8~150mm (31x Optical zoom)
FOV-H	67.8° ~ 2.4°	59.2° ~ 2.4°	58.3° ~ 1.9°	58.3° ~ 1.9°	58.3° ~ 1.9°	58.3° ~ 1.9°	58.3° ~ 1.9°
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	-	-	150m(492ft)	-	150m(492ft)	-	-
OSD Menu	Supported	Supported	Supported	Supported	Supported	Supported	Supported
WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
Frame Rate	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30/60fps@720P	30/60fps@720P	30/60fps@720P	30/60fps@720P	30/60fps@720P
Video Output	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable
Pan/Tilt	Pan: 0° ~ 360° endless; Tilt: 0° ~ 90°	Pan: 0° ~ 360° endless; Tilt: 0° ~ 90°	Pan: 0° ~ 360° endless; Tilt:-15° ~ 90°	Pan: 0° ~ 360° endless; Tilt:-20° ~ 90°	Pan: 0° ~ 360° endless; Tilt:-15° ~ 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: 240° /s Tilt: 200° /s	Pan: 600°/s Tilt: 500°/s	Pan: 400°/s Tilt: 300°/s	Pan: 500°/s Tilt: 500°/s	Pan: 500°/s Tilt: 500°/s
Audio In	1	1	1	1	1	1	1
Alarm In/Out	2/1	2/1	2/1	2/1	2/1	2/1	2/1
Ingress Protection	IK10	IK10	IP66	IP67, IK10	IP66	IP67, IK10	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 ~ +70°C (-40°F~+158°F)	-40°C~ +70°C (-40°F~+158°F)	-40°C~+60°C (-40°F~+140°F)	-30°C ~ +60°C (-22°F~+140°F)
Power	AC24V Max. 13W	AC24V Max. 13W	AC24V Max. 26W	AC24V Max. 20W	AC24V Max. 25W	AC24V Max. 23W	AC24V Max. 13W

HDCVI PTZ CAMERA



Lite Series

	1080P		
Model	SD49225I-HC(-S3)	SD49212I-HC(-S3)	SD40212I-HC(-S3)
	starlight	starlight	starlight
Image Sensor	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS
Min. Illumination	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) 0.0005Lux/F1.6 (B/W)
Lens	4.8~120mm (25x Optical zoom)	5.3~64.0mm (12x Optical zoom)	5.3 mm~64mm (12x Optical zoom)
FOV-H	59.2° ~ 2.4°	58.4° ~ 4.9°	58.4° ~ 4.9°
Day/Night	ICR	ICR	ICR
Max. IR Distance	100m(328ft)	100m(328ft)	-
OSD Menu	Supported	Supported	Supported
WDR	120dB True WDR	120dB True WDR	120dB True WDR
Noise Reduction	2D/3D	2D/3D	2D/3D
Frame Rate	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P
Video Output	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable
Pan/Tilt	Pan: 0° ~ 360° endless Tilt:-15° ~ 90°	Pan: 0° ~ 360° endless Tilt:-15° ~ 90°	Pan: 0° ~ 360° endless Tilt:-2° ~ 90°
Preset Speed	Pan: 240°/s Tilt: 200°/s	Pan: 240°/s Tilt: 200°/s	Pan: 300°/s Tilt: 200°/s
Audio In	1	1	1
Alarm In/Out	2/1	2/1	2/1
Ingress Protection	IP66	IP66	IP66, IK10
Working Temperature	-40°C ~ +70°C (-40°F~+158°F)	-40°C~+70°C (-40°F~+158°F)	-40°C~+60°C (-40°F~+140°F)
Power	DC12V Max. 20W	DC12V Max. 20W	AC24V Max. 19W

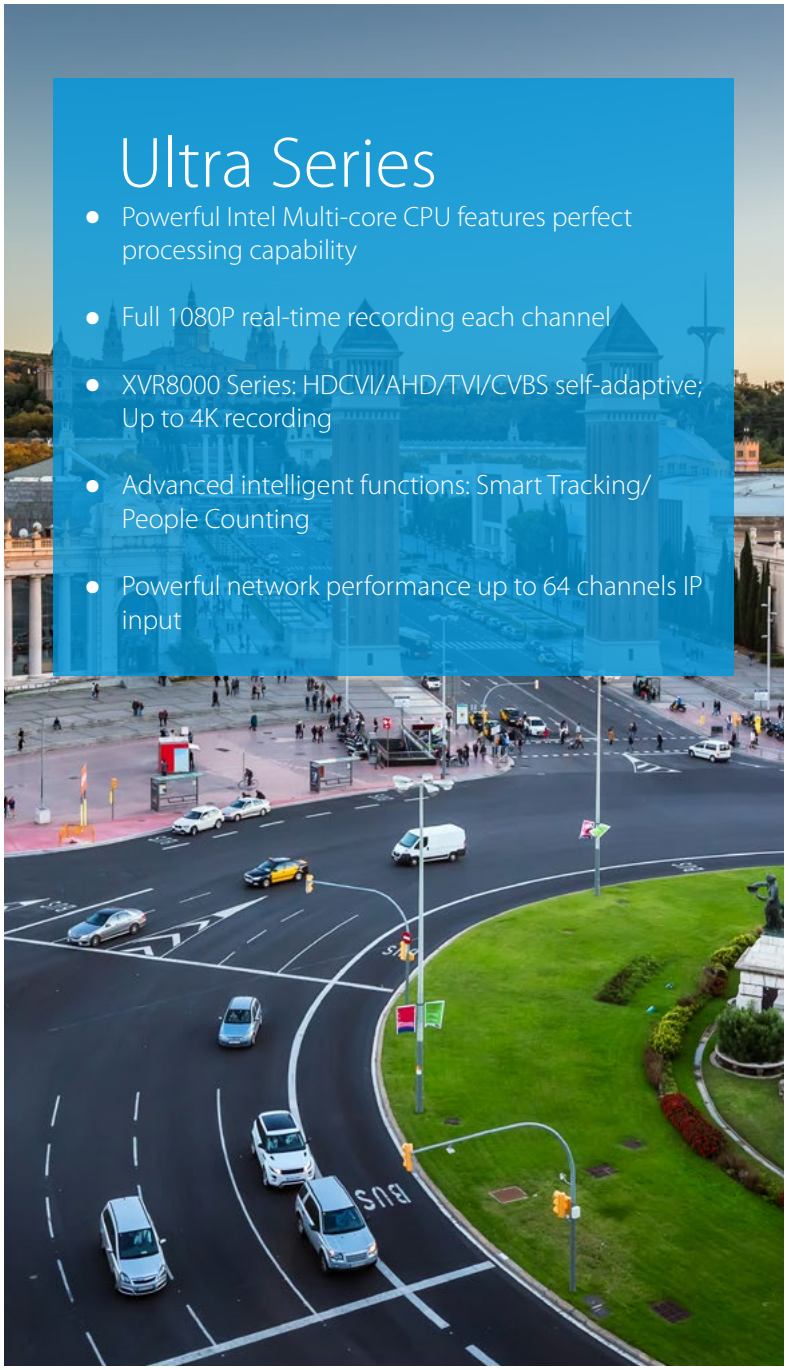
HDCVI PTZ CAMERA

Lite Series

	1080P			720P				
	SD42212I-HC(-S3)	SD42C212I-HC(-S3)	SD22204I-GC	SD49131I-HC(-S3)	SD49116I-HC(-S3)	SD40116I-HC(-S3)	SD42116I-HC(-S3)	SD42C116I-HC(-S3)
Model	starlight	starlight	starlight	starlight	starlight	starlight	starlight	starlight
Image Sensor	1/2.8” 2MP STARVIS™ CMOS	1/2.8” 2MP STARVIS™ CMOS	1/2.7” 2MP CMOS	1/2.8” STARVIS™ CMOS	1/2.8” STARVIS™ CMOS	1/2.8” STARVIS™ CMOS	1/2.8” STARVIS™ CMOS	1/2.8” STARVIS™ CMOS
Min. Illumination	0.005Lux/F1.6 (Color) 0.0005Lux/F1.6 (B/W)	0.005Lux/F1.6 (Color) 0.0005Lux/F1.6 (B/W)	0.05Lux/F1.6 (Color) 0.005Lux/F1.6 (B/W)	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) 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)
Lens	5.3 mm~64mm (12x Optical zoom)	5.3 mm~64mm (12x Optical zoom)	2.7~11mm (4x Optical zoom)	4.8~150mm (31x Optical zoom)	5.3~84.8mm (16x Optical zoom)	5.3~84.8mm (16x Optical zoom)	5.3~84.8mm (16x Optical zoom)	5.3~84.8mm (16x Optical zoom)
FOV-H	58.4° ~ 4.9°	58.4° ~ 4.9°	112.5° ~ 39°	58.3° ~ 1.9°	57.2° ~ 3.75°	57.2° ~ 3.75°	57.2° ~ 3.75°	57.2° ~ 3.75°
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	-	-	-	100m(328ft)	100m(328ft)	-	-	-
OSD Menu	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
Frame Rate	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30/60fps@720P	30/60fps@720P	30/60fps@720P	30/60fps@720P	30/60fps@720P
Video Output	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable
Pan/Tilt	Pan: 0° ~ 360° endless Tilt:-2° ~ 90°	Pan: 0° ~ 360° endless Tilt:-2° ~ 90°	Pan: 0° ~ 355° Tilt: 0° ~ 90°	Pan: 0° ~ 360° endless Tilt:-15° ~ 90°"	Pan: 0° ~ 360° endless; Tilt:-15° ~ 90°	Pan: 0° ~ 360° endless; Tilt:-2° ~ 90°	Pan: 0° ~ 360° endless; Tilt:-2° ~ 90°	Pan: 0° ~ 360° endless; Tilt:-2° ~ 90°
Preset Speed	Pan: 300°/s Tilt: 200°/s	Pan: 300°/s Tilt: 200°/s	Pan: 100°/s Tilt: 60°/s	Pan: 240° /s Tilt: 200° /s	Pan: 240°/s Tilt: 200°/s	Pan: 300°/s Tilt: 200°/s	Pan: 300°/s Tilt: 200°/s	Pan: 300°/s Tilt: 200°/s
Audio In	1	1	-	1	1	1	1	1
Alarm In/Out	2/1	2/1	-	2/1	2/1	2/1	2/1	2/1
Ingress Protection	IP66, IK10	IK10	IP66, IK10	IP66	IP66	IP66, IK10	IP66, IK10	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)	-40°C~+70°C (-40°F~+158°F)	-40°C~+70°C (-40°F~+158°F)	-40°C~+60°C (-40°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)
Power	AC24V Max. 10W	AC24V Max. 10W	DC12V Max. 10W	DC12V Max. 20W	DC12V Max. 20W	AC24V Max. 19W	AC24V Max. 10W	AC24V Max. 10W

HDCVI RECORDER

HDCVI RECORDER



Ultra Series

- Powerful Intel Multi-core CPU features perfect processing capability
- Full 1080P real-time recording each channel
- XVR8000 Series: HDCVI/AHD/TVI/CVBS self-adaptive; Up to 4K recording
- Advanced intelligent functions: Smart Tracking/ People Counting
- Powerful network performance up to 64 channels IP input

Ultra Series

	8 HDD		4 HDD	2 HDD
Model	XVR8816S	HCVR8816S-URH-S3	HCVR8416L-S3	HCVR8216A-S3
Video Compression	H.264+/ H.264	H.264+/ H.264	H.264+/ H.264	H.264+/ H.264
Audio Compression	G.711/PCM	G.711/PCM	G.711/PCM	G.711/PCM
Video Standard	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS	HDCVI/AHD/CVBS	HDCVI/AHD/CVBS
Max. Recording Resolution	CH01, 09: 4K CH02-08, 10-16: 4MP	CH01-16: 1080P	CH01-16: 1080P	CH01-16: 1080P
Max. HDCVI Recording Rate	15fps@4K 15fps@4MP 30fps@1080P	30fps@1080P 30fps@720P	30fps@1080P 30fps@720P	30fps@1080P 30fps@720P
CVBS Input	16CH,1.0Vp-p,75Ω	16CH,1.0Vp-p,75Ω	16CH, 1.0Vp-p, 75Ω	16CH, 1.0Vp-p, 75Ω
Loop Out	Supported	-	-	-
IP Camera Input	16+48 Up to 12MP	16+48 Up to 12MP	16+48 Up to 12MP	16+48 Up to 12MP
Max IP Input/Record	256Mbps/256Mbps	200Mbps/200Mbps	256Mbps/256Mbps	256Mbps/256Mbps
Audio In/out	16/1, 2-way	16/1, 2-way	4/1, 2-way	4/1, 2-way
Max HDD	8×8TB	8×8TB	4×8TB	2×8TB
Display	HDMI 1(3840x2160) HDMI 2/VGA(1920x1080),TV	HDMI 1(3840x2160) HDMI 2/VGA(1920x1080),TV	HDMI 1(3840x2160) HDMI 2/VGA(1920x1080),TV	HDMI 1(3840x2160) HDMI 2/VGA(1920x1080)
eSATA	1	1	1	-
USB	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 1 USB2.0	2 USB3.0, 1 USB2.0
DVD Burner	USB/SATA	USB	USB/SATA	USB
Alarm In/Out	16/6	16/6	16/6	16/3
Ethernet	2 Gigabit ports	2 Gigabit ports	1 Gigabit port	2 Gigabit ports
Remote User Login	128	128	128	128
Dimensions	440×455×95mm (17.3"×17.9"×3.7")	440×455×95mm (17.3"×17.9"×3.7")	440×417×76mm (17.3"×16.4"×3.0")	375×331×53mm (14.8"×13.0"×2.1")
Power	AC100-240V, 50/60Hz, ≤40W(Without HDD)	AC100-240V, 50/60Hz, ≤40W(Without HDD)	AC 100-240V, 50/60Hz, ≤40W(Without HDD)	DC12V/5A, ≤35W(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	Smart Tracking/ People Counting	Smart Tracking/ People Counting	Smart Tracking/ People Counting	Smart Tracking/ People Counting

HDCVI RECORDER

Pro Series

- Perfect image quality and performance
- HCVR7000-4K: Up to 8MP recording; Advanced network performance up to 8MP IPC input
- XVR7000-4KL/4K Series: HDCVI/AHD/TVI/CVBS self-adaptive; Up to 4K recording; IoT & POS functionalities
- High standard hardware

Pro Series

	2 HDD		1 HDD	
Model	HCVR7208AN-4K	HCVR7204AN-4K	HCVR7108H-4K	HCVR7104H-4K
Video Compression	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264
Audio Compression	G.711/PCM	G.711/PCM	G.711/PCM	G.711/PCM
Video Standard	HDCVI/CVBS	HDCVI/CVBS	HDCVI/CVBS	HDCVI/CVBS
Max. Recording Resolution	CH01-08: 4K	CH01-04: 4K	CH01-08: 4K	CH01-04: 4K
Max. HDCVI Recording Rate	15fps@4K 30fps@4MP 30fps@1080P	15fps@4K 30fps@4MP 30fps@1080P	15fps@4K 30fps@4MP 30fps@1080P	15fps@4K 30fps@4MP 30fps@1080P
CVBS Input	8CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω
IP Camera Input	8+4 Up to 8MP	4+2 Up to 8MP	8+4 Up to 8MP	4+2 Up to 8MP
Max IP Input/Record	48Mbps/48Mbps	24Mbps/24Mbps	48Mbps/48Mbps	24Mbps/24Mbps
Audio In/out	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way
Max HDD	2×8TB	2×8TB	1×8TB	1×8TB
Display	HDMI(3840x2160) VGA(1920x1080) SPOT (configurable)	HDMI(3840x2160) VGA(1920x1080) SPOT (configurable)	HDMI(3840x2160) VGA(1920x1080) SPOT (configurable)	HDMI(3840x2160) VGA(1920x1080) SPOT (configurable)
eSATA	-	-	-	-
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
DVD Burner	USB	USB	USB	USB
Alarm In/Out	-	-	-	-
Ethernet	1 Gigabit port	1 Gigabit port	1 Gigabit port	1 Gigabit port
Remote User Login	128	128	128	128
Dimensions	375×287×53mm (14.8"×11.3"×2.1")	375×287×53mm (14.8"×11.3"×2.1")	325×255×55mm (12.8"×10.0"×2.2")	325×255×55mm (12.8"×10.0"×2.2")
Power	DC12V/5A, ≤15W(Without HDD)	DC12V/4A, ≤15W(Without HDD)	DC12V/3A, ≤15W(Without HDD)	DC12V/2A, ≤15W(Without HDD)
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
Star Features	P2P,Coaxial Alarm/ Upgrade,2D/3DNR	P2P,Coaxial Alarm/ Upgrade,2D/3DNR	P2P,Coaxial Alarm/ Upgrade,2D/3DNR	P2P,Coaxial Alarm/ Upgrade,2D/3DNR

HDCVI RECORDER

Pro Series

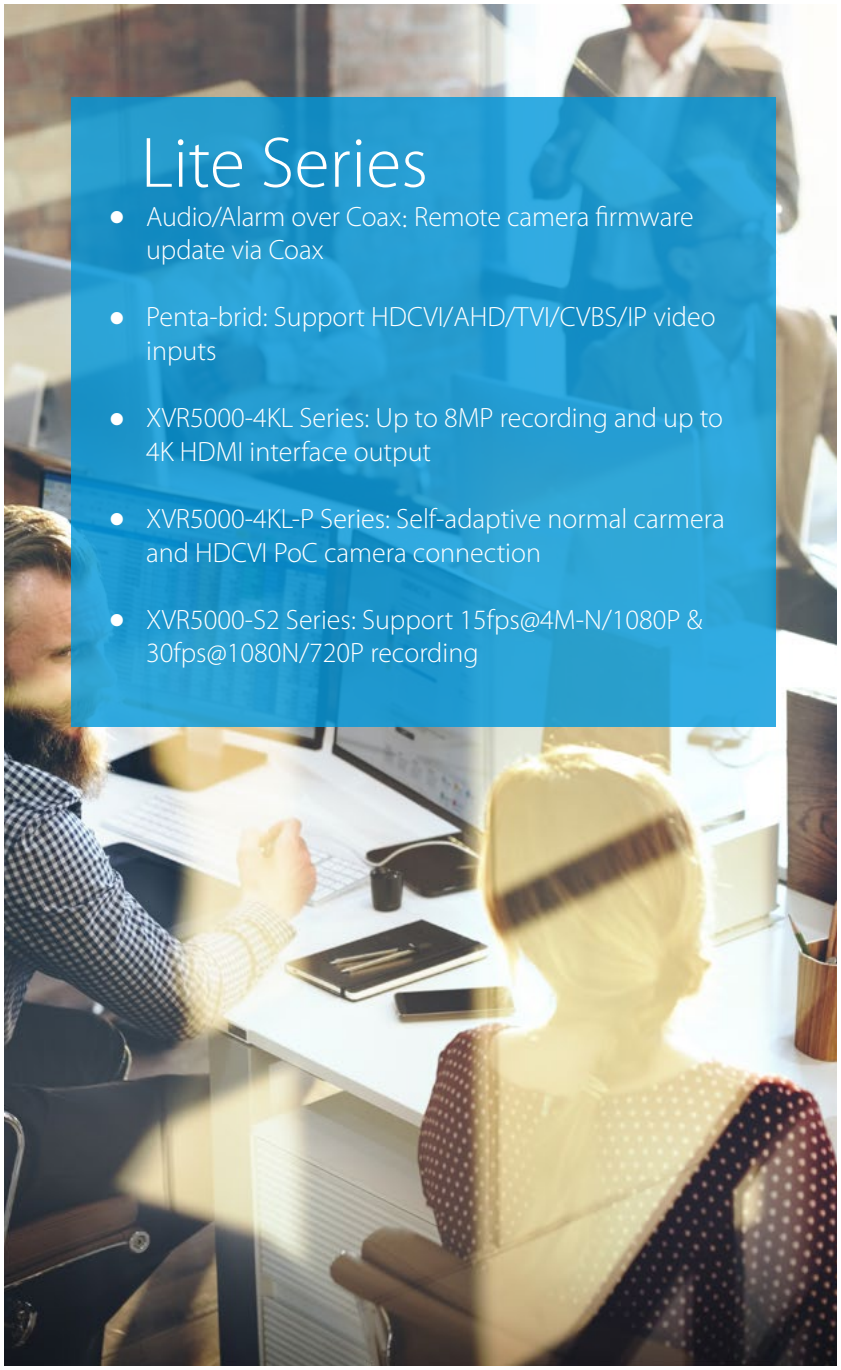
	8 HDD	4 HDD	2 HDD			
Model	XVR7816S	XVR7416L	XVR7208A-4K	XVR7216A-4KL	XVR7208A-4KL	XVR7204A-4KL
			POS IoT	POS IoT	POS IoT	POS IoT
Video Compression	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264
Audio Compression	G.711/PCM	G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM
Video Standard	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)
Max. Recording Resolution	CH01-16: 1080P	CH01-16: 1080P	CH01-08: 4K	CH01-16: 4K	CH01-08: 4K	CH01-04: 4K
Max. HDCVI Recording Rate	30fps@1080P 30fps@720P	30fps@1080P 30fps@720P	15fps@4K 30fps@4MP 30fps@1080P	7fps@4K 15fps@4MP 30fps@1080P	7fps@4K 15fps@4MP 30fps@1080P	7fps@4K 15fps@4MP 30fps@1080P
CVBS Input	16CH,1.0Vp-p,75Ω	16CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω	16CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω
IP Camera Input	16+8 Up to 5MP	16+8 Up to 5MP	8+4 Up to 8MP	16+8 Up to 8MP	8+4 Up to 8MP	4+2 Up to 8MP
Max IP Input/Record	96Mbps/96Mbps	96Mbps/96Mbps	48Mbps/48Mbps	96Mbps/96Mbps	48Mbps/48Mbps	24Mbps/24Mbps
Audio In/out	16/1, 2-way	4/1, 2-way	4/1, 2-way	4/1, 2-way	4/1, 2-way	4/1, 2-way
Max HDD	8×8TB	4×8TB	2×8TB	2×8TB	2×8TB	2×8TB
Display	2HDMI/VGA(1920x1080),TV	2HDMI/VGA(1920x1080),TV	HDMI(3840x2160) VGA(1920x1080) SPOT (configurable)	HDMI(3840x2160) VGA(1920x1080) SPOT (configurable)	HDMI(3840x2160) VGA(1920x1080) SPOT (configurable)	HDMI(3840x2160) VGA(1920x1080) SPOT (configurable)
eSATA	1	1	-	-	-	-
USB	2 USB 3.0, 2 USB 2.0	2 USB 3.0, 1 USB 2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0
DVD Burner	USB/SATA	USB/SATA	USB	USB	USB	USB
Alarm In/Out	16/6	16/6	8/3	16/3	8/3	8/3
Ethernet	2 Gigabit ports	1 Gigabit port	1 Gigabit port	1 Gigabit port	1 Gigabit port	1 Gigabit port
Remote User Login	128	128	128	128	128	128
Dimensions	440×455×95mm (17.3"×17.9"×3.7")	440×417×76mm (17.3"×16.4"×3.0")	375×287×53mm (14.8"×11.3"×2.1")	375×287×53mm (14.8"×11.3"×2.1")	375×287×53mm (14.8"×11.3"×2.1")	375×287×53mm (14.8"×11.3"×2.1")
Power	AC 100-240V,50/60Hz, ≤40W(Without HDD)	AC 100-240V,50/60Hz, ≤40W(Without HDD)	DC12V/5A, ≤15W(Without HDD)	DC12V/5A, ≤15W(Without HDD)	DC12V/4A, ≤15W(Without HDD)	DC12V/4A, ≤15W(Without HDD)
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
Star Features	P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	IoT, POS, Easy4ip, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	IoT, POS, Easy4ip, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	IoT, POS, Easy4ip, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	IoT, POS, Easy4ip, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR

HDCVI RECORDER

Pro Series

	1 HDD						
Model	XVR7116HE-4KL	XVR7108HE-4KL	XVR7104HE-4KL	XVR7108E-4KL-B	XVR7104E-4KL-B	XVR7108E-4KL	XVR7104E-4KL
	POS IoT	POS IoT	POS IoT	POS IoT	POS IoT	POS IoT	POS IoT
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	H.264+/H.264
Audio Compression	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM
Video Standard	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)
Max. Recording Resolution	CH01-16: 4K	CH01-08: 4K	CH01-04: 4K	CH01-08: 4K	CH01-04: 4K	CH01-08: 4K	CH01-04: 4K
Max. HDCVI Recording Rate	7fps@4K 15fps@4MP 30fps@1080P	7fps@4K 15fps@4MP 30fps@1080P	7fps@4K 15fps@4MP 30fps@1080P	7fps@4K 15fps@4MP 30fps@1080P	7fps@4K 15fps@4MP 30fps@1080P	7fps@4K 15fps@4MP 30fps@1080P	7fps@4K 15fps@4MP 30fps@1080P
CVBS Input	16CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω
IP Camera Input	16+8 Up to 8MP	8+4 Up to 8MP	4+2 Up to 8MP	8+4 Up to 8MP	4+2 Up to 8MP	8+4 Up to 8MP	4+2 Up to 8MP
Max IP Input/Record	96Mbps/96Mbps	48Mbps/48Mbps	24Mbps/24Mbps	48Mbps/48Mbps	24Mbps/24Mbps	48Mbps/48Mbps	24Mbps/24Mbps
Audio In/out	16/1, 2-way	8/1, 2-way	4/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way
Max HDD	1×8TB	1×8TB	1×8TB	1×8TB	1×8TB	1×8TB	1×8TB
Display	HDMI(3840x2160) VGA(1920x1080) SPOT (configurable)	HDMI(3840x2160) VGA(1920x1080) SPOT (configurable)	HDMI(3840x2160) VGA(1920x1080) SPOT (configurable)	HDMI(3840x2160) VGA(1920x1080) SPOT (configurable)	HDMI(3840x2160) VGA(1920x1080) SPOT (configurable)	HDMI(3840x2160) VGA(1920x1080) SPOT (configurable)	HDMI(3840x2160) VGA(1920x1080) SPOT (configurable)
eSATA	-	-	-	-	-	-	-
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
DVD Burner	USB	USB	USB	USB	USB	USB	USB
Alarm In/Out	16/3	8/3	8/3	-	-	-	-
Ethernet	1 Gigabit port	1 Gigabit port	1 Gigabit port	1 Gigabit port	1 Gigabit ports	1 Gigabit port	1 Gigabit ports
Remote User Login	128	128	128	128	128	128	128
Dimensions	325×255×55mm (12.8"×10.0"×2.2")	325×255×55mm (12.8"×10.0"×2.2")	325×255×55mm (12.8"×10.0"×2.2")	260×140×85mm (10.2"×5.5"×3.3")	260×140×85mm (10.2"×5.5"×3.3")	260×140×85mm (10.2"×5.5"×3.3")	260×140×85mm (10.2"×5.5"×3.3")
Power	DC12V/3A, ≤15W(Without HDD)	DC12V/2A, ≤10W(Without HDD)	DC12V/2A, ≤10W(Without HDD)	DC12V/5A, ≤10W(Without HDD)	DC12V/4A, ≤10W(Without HDD)	DC12V/2A, ≤10W(Without HDD)	DC12V/2A, ≤10W(Without HDD)
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	Tripwire,Intrusion, Abandoned/Missing,Face Detection
Star Features	IoT, POS, Easy4ip, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	IoT, POS, Easy4ip, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	IoT, POS, Easy4ip, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	Built-in Battery, IoT, POS, Easy4ip, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	Built-in Battery, IoT, POS, Easy4ip, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	IoT, POS, Easy4ip, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	IoT, POS, Easy4ip, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR

HDCVI RECORDER



Lite Series

- Audio/Alarm over Coax: Remote camera firmware update via Coax
- Penta-brid: Support HDCVI/AHD/TVI/CVBS/IP video inputs
- XVR5000-4KL Series: Up to 8MP recording and up to 4K HDMI interface output
- XVR5000-4KL-P Series: Self-adaptive normal carmera and HDCVI PoC camera connection
- XVR5000-S2 Series: Support 15fps@4M-N/1080P & 30fps@1080N/720P recording

Lite Series

	2 HDD		1 HDD
Model	XVR5216AN-4KL-16P	XVR5208AN-4KL-8P	XVR5108H-4KL-8P
	PoC	PoC	PoC
Video Compression	H.264+/H.264	H.264+/H.264	H.264+/H.264
Audio Compression	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM
Video Standard	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)
Max. Recording Resolution	CH01-16: 4K	CH01-08: 4K	CH01-08: 4K
Max. HDCVI Recording Rate	7fps@4K 15fps@4MP 30fps@1080P	7fps@4K 15fps@4MP 30fps@1080P	7fps@4K 15fps@4MP 30fps@1080P
CVBS Input	16CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω
IP Camera Input	16+8 Up to 8MP	8+4 Up to 8MP	8+4 Up to 8MP
Max IP Input/Record	96Mbps/96Mbps	48Mbps/48Mbps	48Mbps/48Mbps
Audio In/out	1/1, 2-way	1/1, 2-way	1/1, 2-way
Max HDD	2×8TB	2×8TB	1×8TB
Display	HDMI(3840x2160) VGA(1920x1080) SPOT(configurable)	HDMI(3840x2160) VGA(1920x1080) SPOT(configurable)	HDMI(3840x2160) VGA(1920x1080) SPOT(configurable)
eSATA	-	-	-
USB	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0
DVD Burner	USB	USB	USB
Alarm In/Out	-	-	-
Ethernet	1 Gigabit port	1 Gigabit port	1 Gigabit port
Remote User Login	128	128	128
Dimensions	375×287×53mm (14.8"×11.3"×2.1")	375×287×53mm (14.8"×11.3"×2.1")	325×255×55mm (12.8"×10.0"×2.2")
Power	DC48V ≤15W(Without HDD)	DC48V ≤15W(Without HDD)	DC48V ≤10W(Without HDD)
Intelligent Video	Tripwire,Intrusion, Abandoned/Missing,Face Detection	Tripwire,Intrusion, Abandoned/Missing,Face Detection	Tripwire,Intrusion, Abandoned/Missing,Face Detection
Star Features	PoC,P2P, Coaxial Audio/Alarm/Upgrade, 2D/3DNR	PoC,P2P, Coaxial Audio/Alarm/Upgrade, 2D/3DNR	PoC,P2P, Coaxial Audio/Alarm/Upgrade, 2D/3DNR

HDCVI RECORDER

Lite Series

	2 HDD			1 HDD					
Model	XVR5216AN-4KL	XVR5208AN-4KL	XVR5204AN-4M	XVR5116H-4KL	XVR5108H-4KL	XVR5104H-4M	XVR5108HS-4KL	XVR5104HS-4M	XVR5104C-4M
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	H.264+/H.264	H.264+/H.264	H.264+/H.264
Audio Compression	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM
Video Standard	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)
Max. Recording Resolution	CH01-16: 4K	CH01-08: 4K	CH01-04: 4MP	CH01-16: 4K	CH01-08: 4K	CH01-04: 4MP	CH01-08: 4K	CH01-04: 4MP	CH01-04: 4MP
Max. HDCVI Recording Rate	7fps@4K 15fps@4MP 30fps@1080P	7fps@4K 15fps@4MP 30fps@1080P	15fps@4MP 30fps@1080P	7fps@4K 15fps@4MP 30fps@1080P	7fps@4K 15fps@4MP 30fps@1080P	15fps@4MP 30fps@1080P	7fps@4K 15fps@4MP 30fps@1080P	15fps@4MP 30fps@1080P	15fps@4MP 30fps@1080P
CVBS Input	16CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω	16CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω
IP Camera Input	16+8 Up to 8MP	8+4 Up to 8MP	4+2 Up to 5MP	16+8 Up to 8MP	8+4 Up to 8MP	4+2 Up to 5MP	8+4 Up to 8MP	4+2 Up to 5MP	4+2 Up to 5MP
Max IP Input/Record	96Mbps/96Mbps	48Mbps/48Mbps	24Mbps/24Mbps	96Mbps/96Mbps	48Mbps/48Mbps	24Mbps/24Mbps	48Mbps/48Mbps	24Mbps/24Mbps	24Mbps/24Mbps
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
Max HDD	2×8TB	2×8TB	2×8TB	1×8TB	1×8TB	1×8TB	1×8TB	1×8TB	1×8TB
Display	HDMI(3840x2160) VGA(1920x1080) SPOT(configurable)	HDMI(3840x2160) VGA(1920x1080) SPOT(configurable)	HDMI(2560x1440) VGA(1920x1080)	HDMI(3840x2160) VGA(1920x1080) SPOT(configurable)	HDMI(3840x2160) VGA(1920x1080) SPOT(configurable)	HDMI(2560x1440) VGA(1920x1080)	HDMI(3840x2160) VGA(1920x1080) SPOT(configurable)	HDMI(2560x1440) VGA(1920x1080)	HDMI(2560x1440) VGA(1920x1080)
eSATA	-	-	-	-	-	-	-	-	-
USB	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	2 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	2 USB2.0	1 USB3.0, 1 USB2.0	2 USB2.0	2 USB2.0
DVD Burner	USB	USB	USB	USB	USB	USB	USB	USB	USB
Alarm In/Out	-	-	-	-	-	-	-	-	-
Ethernet	1 Gigabit port	1 Gigabit port	1x100M port	1 Gigabit port	1 Gigabit port	1x100M port	1 Gigabit port	1x100M port	1x100M port
Remote User Login	128	128	128	128	128	128	128	128	128
Dimensions	375×287×53mm (14.8"×11.3"×2.1")	375×287×53mm (14.8"×11.3"×2.1")	375×287×53mm (14.8"×11.3"×2.1")	325×255×55mm (12.8"×10.0"×2.2")	325×255×55mm (12.8"×10.0"×2.2")	325×255×55mm (12.8"×10.0"×2.2")	260×236×48mm (10.2"×9.3"×1.9")	260×236×48mm (10.2"×9.3"×1.9")	205×211×45mm (8.1"×8.3"×1.8")
Power	DC12V/5A, ≤15W(Without HDD)	DC12V/4A, ≤15W(Without HDD)	DC12V/4A, ≤15W(Without HDD)	DC12V/3A, ≤15W(Without HDD)	DC12V/2A, ≤10W(Without HDD)	DC12V/2A, ≤10W(Without HDD)	DC12V/2A, ≤10W(Without HDD)	DC12V/2A, ≤10W(Without HDD)	DC12V/2A, ≤10W(Without HDD)
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	Tripwire,Intrusion, Abandoned/Missing, Face Detection	Tripwire,Intrusion, Abandoned/Missing, Face Detection	Tripwire,Intrusion, Abandoned/Missing, Face Detection
Star Features	P2P,Coaxial Audio/Alarm/ Upgrade,2D/3DNR	P2P,Coaxial Audio/Alarm/ Upgrade,2D/3DNR	P2P,Coaxial Audio/Alarm/ Upgrade,2D/3DNR	P2P,Coaxial Audio/Alarm/ Upgrade,2D/3DNR	P2P,Coaxial Audio/Alarm/ Upgrade,2D/3DNR	P2P,Coaxial Audio/Alarm/ Upgrade,2D/3DNR	P2P,Coaxial Audio/Alarm/ Upgrade,2D/3DNR	P2P,Coaxial Audio/Alarm/ Upgrade,2D/3DNR	P2P,Coaxial Audio/Alarm/ Upgrade,2D/3DNR

HDCVI RECORDER

Lite Series

	8 HDD		4 HDD		2 HDD		
Model	XVR5832S	XVR5816S	XVR5432L	XVR5416L	XVR5232AN-S2	XVR5216AN-S2	XVR5216A-S2
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	H.264+/H.264
Audio Compression	G.711/PCM	G.711/PCM	G.711/PCM	G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM
Video Standard	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)
Max. Recording Resolution	CH01-32: 1080P	CH01-16: 1080P	CH01-32: 1080P	CH01-16: 1080P	CH01-32: 4M-N/1080P	CH01-16: 4M-N/1080P	CH01-16: 4M-N/1080P
Max. HDCVI Recording Rate	15fps@1080P 30fps@720P	15fps@1080P 30fps@720P	15fps@1080P 30fps@720P	15fps@1080P 30fps@720P	15fps@4M-N 15fps@1080P 30fps@720P	15fps@4M-N 15fps@1080P 30fps@720P	15fps@4M-N 15fps@1080P 30fps@720P
CVBS Input	32CH,1.0Vp-p,75Ω	16CH,1.0Vp-p,75Ω	32CH,1.0Vp-p,75Ω	16CH,1.0Vp-p,75Ω	32CH,1.0Vp-p,75Ω	16CH,1.0Vp-p,75Ω	16CH,1.0Vp-p,75Ω
IP Camera Input	32 Up to 5MP	16+8 Up to 5MP	32 Up to 5MP	16+8 Up to 5MP	32 Up to 5MP	16+8 Up to 5MP	16+8 Up to 5MP
Max IP Input/Record	128Mbps/128Mbps	96Mbps/96Mbps	128Mbps/128Mbps	96Mbps/96Mbps	128Mbps/128Mbps	96Mbps/96Mbps	96Mbps/96Mbps
Audio In/out	16/1, 2-way	16/1, 2-way	4/1, 2-way	4/1, 2-way	1/1, 2-way	1/1, 2-way	4/1, 2-way
Max HDD	8×8TB	8×8TB	4×8TB	4×8TB	2×8TB	2×8TB	2×8TB
Display	2HDMI/VGA(1920x1080),TV	2HDMI/VGA(1920x1080),TV	2HDMI/VGA(1920x1080),TV	2HDMI/VGA(1920x1080),TV	HDMI/VGA(1920x1080) TV,SPOT(configurable)	HDMI/VGA(1920x1080) SPOT (configurable)	HDMI/VGA(1920x1080) SPOT (configurable)
eSATA	1	1	1	1	-	-	-
USB	2 USB 3.0, 2 USB 2.0	2 USB 3.0, 2 USB 2.0	2 USB 3.0, 1 USB 2.0	2 USB 3.0, 1 USB 2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0
DVD Burner	USB/SATA	USB/SATA	USB/SATA	USB/SATA	USB	USB	USB
Alarm In/Out	16/6	16/6	16/6	16/6	-	-	16/3
Ethernet	2 Gigabit ports	2 Gigabit ports	1 Gigabit port	1 Gigabit port	1 Gigabit port	1 Gigabit port	1 Gigabit port
Remote User Login	128	128	128	128	128	128	128
Dimensions	440×455×95mm (17.3"×17.9"×3.7")	440×455×95mm (17.3"×17.9"×3.7")	440m×417×76mm (17.3"×16.4"×3.0")	440×417×76mm (17.3"×16.4"×3.0")	375×287×53mm (14.8"×11.3"×2.1")	375×287×53mm (14.8"×11.3"×2.1")	375×287×53mm (14.8"×11.3"×2.1")
Power	AC 100-240V,50/60Hz, ≤40W(Without HDD)	AC 100-240V,50/60Hz, ≤40W(Without HDD)	AC 100-240V,50/60Hz, ≤40W(Without HDD)	AC 100-240V,50/60Hz, ≤40W(Without HDD)	DC12V/5A, ≤20W(Without HDD)	DC12V/4A, ≤15W(Without HDD)	DC12V/4A, ≤15W(Without HDD)
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	Tripwire,Intrusion, Abandoned/Missing, Face Detection
Star Features	P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	P2P, Coaxial Audio/Alarm /Upgrade, 2D/3DNR	P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR

HDCVI RECORDER

Lite Series

	1 HDD							
Model	XVR5116H-S2	XVR5108H-S2	XVR5104H-S2	XVR5116HS-S2	XVR5108HS-S2	XVR5104HS-S2	XVR5108C-S2	XVR5104C-S2
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	H.264+/H.264	H.264+/H.264
Audio Compression	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM
Video Standard	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)
Max. Recording Resolution	CH01-16: 4M-N/1080P	CH01-08: 4M-N/1080P	CH01-04: 4M-N/1080P	CH01-16: 4M-N/1080P	CH01-08: 4M-N/1080P	CH01-04: 4M-N/1080P	CH01-08: 4M-N/1080P	CH01-04: 4M-N/1080P
Max. HDCVI Recording Rate	15fps@4M-N 15fps@1080P 30fps@720P	15fps@4M-N 15fps@1080P 30fps@720P	15fps@4M-N 15fps@1080P 30fps@720P	15fps@4M-N 15fps@1080P 30fps@720P	15fps@4M-N 15fps@1080P 30fps@720P	15fps@4M-N 15fps@1080P 30fps@720P	15fps@4M-N 15fps@1080P 30fps@720P	15fps@4M-N 15fps@1080P 30fps@720P
CVBS Input	16CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω	16CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω
IP Camera Input	16+8 Up to 5MP	8+4 Up to 5MP	4+2 Up to 5MP	16+8 Up to 5MP	8+4 Up to 5MP	4+2 Up to 5MP	8+4 Up to 5MP	4+2 Up to 5MP
Max IP Input/Record	96Mbps/96Mbps	48Mbps/48Mbps	24Mbps/24Mbps	96Mbps/96Mbps	48Mbps/48Mbps	24Mbps/24Mbps	48Mbps/48Mbps	24Mbps/24Mbps
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
Max HDD	1×8TB	1×8TB	1×8TB	1×8TB	1×8TB	1×8TB	1×8TB	1×8TB
Display	HDMI/VGA(1920x1080) SPOT (configurable)	HDMI/VGA(1920x1080)	HDMI/VGA(1920x1080)	HDMI/VGA(1920x1080) SPOT (configurable)	HDMI/VGA(1920x1080)	HDMI/VGA(1920x1080)	HDMI/VGA(1920x1080)	HDMI/VGA(1920x1080)
eSATA	-	-	-	-	-	-	-	-
USB	1 USB3.0, 1 USB2.0	2 USB2.0	2 USB2.0	1 USB3.0, 1 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0
DVD Burner	USB	USB	USB	USB	USB	USB	USB	USB
Alarm In/Out	-	-	-	-	-	-	-	-
Ethernet	1 Gigabit port	1x100M port	1x100M port	1 Gigabit port	1x100M port	1x100M port	1x100M port	1x100M port
Remote User Login	128	128	128	128	128	128	128	128
Dimensions	325×255×55mm (12.8"×10.0"×2.2")	325×255×55mm (12.8"×10.0"×2.2")	325×255×55mm (12.8"×10.0"×2.2")	260×236×48mm (10.2"×9.3"×1.9")	260×236×48mm (10.2"×9.3"×1.9")	260×236×48mm (10.2"×9.3"×1.9")	205×211×45mm (8.1"×8.3"×1.8")	205×211×45mm (8.1"×8.3"×1.8")
Power	DC12V/2A, ≤10W(Without HDD)	DC12V/2A, ≤10W(Without HDD)	DC12V/2A, ≤10W(Without HDD)	DC12V/2A, ≤10W(Without HDD)	DC12V/2A, ≤10W(Without HDD)	DC12V/2A, ≤10W(Without HDD)	DC12V/2A, ≤10W(Without HDD)	DC12V/2A, ≤10W(Without HDD)
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	Tripwire,Intrusion, Abandoned/Missing, Face Detection	Tripwire,Intrusion, Abandoned/Missing, Face Detection
Star Features	P2P,Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	P2P,Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	P2P,Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR

HDCVI RECORDER

Lite Series

	2 HDD		1 HDD				
Model	XVR4232AN-S2	XVR4216AN-S2	XVR4116HS-S2	XVR4108HS-S2	XVR4104HS-S2	XVR4108C-S2	XVR4104C-S2
Video Compression	H.264	H.264	H.264	H.264	H.264	H.264	H.264
Audio Compression	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM
Video Standard	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI(Auto-detect)	HDCVI/AHD/CVBS/TVI(Auto-detect)
Max. Recording Resolution	CH01-32: 1080N/720P	CH01-16: 1080N/720P	CH01-16: 1080N/720P	CH01-08: 1080N/720P	CH01-04: 1080N/720P	CH01-08: 1080N/720P	CH01-04: 1080N/720P
Max. HDCVI Recording Rate	12fps@1080N 15fps@720P	12fps@1080N 15fps@720P	12fps@1080N 15fps@720P	12fps@1080N 15fps@720P	30fps@1080N 30fps@720P	12fps@1080N 15fps@720P	30fps@1080N 30fps@720P
CVBS Input	32CH,1.0Vp-p,75Ω	16CH,1.0Vp-p,75Ω	16CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω
IP Camera Input	16 Up to 5MP	16+2 Up to 5MP	16+2 Up to 5MP	8+2 Up to 5MP	4+1 Up to 2MP	8+2 Up to 5Mp	4+1 Up to 2Mp
Max IP Input/Record	64Mbps/64Mbps	72Mbps/72Mbps	72Mbps/72Mbps	40Mbps/40Mbps	20Mbps/20Mbps	40Mbps/40Mbps	20Mbps/20Mbps
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
Max HDD	2×8TB	2×8TB	1×8TB	1×8TB	1×8TB	1×8TB	1×8TB
Display	HDMI/VGA(1920x1080) TV,SPOT(configurable)	HDMI/VGA(1920x1080)	HDMI/VGA(1920x1080)	HDMI/VGA(1920x1080)	HDMI/VGA(1920x1080)	HDMI/VGA(1920x1080)	HDMI/VGA(1920x1080)
eSATA	-	-	-	-	-	-	-
USB	1 USB3.0, 1 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0	2 USB2.0
DVD Burner	USB	USB	USB	USB	USB	USB	USB
Alarm In/Out	-	-	-	-	-	-	-
Ethernet	1 Gigabit port	1x100M port	1x100M port	1x100M port	1x100M port	1x100M port	1x100M port
Remote User Login	128	128	128	128	128	128	128
Dimensions	375×287×53mm (14.8"×11.3"×2.1")	375×287×53mm (14.8"×11.3"×2.1")	260×236×48mm (10.2"×9.3"×1.9")	260×236×48mm (10.2"×9.3"×1.9")	260×236×48mm (10.2"×9.3"×1.9")	205×211×45mm (8.1"×8.3"×1.8")	205×211×45mm (8.1"×8.3"×1.8")
Power	DC12V/4A, ≤20W(Without HDD)	DC12V/4A, ≤15W(Without HDD)	DC12V/2A, ≤10W (Without HDD)	DC12V/2A, ≤10W (Without HDD)	DC12V/2A, ≤10W (Without HDD)	DC12V/2A, ≤10W (Without HDD)	DC12V/2A, ≤10W (Without HDD)
Star Features	P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR

NETWORK VIDEO SERVER

NVS

- HDCVI/AHD/TVI/CVBS/IP video inputs
- Built-in 2.4G/5G Wi-Fi module and 4G module(Optional)
- High quality two-way talk
- Micro SD card, support max. 128G
- 1/2/4 channel video and audio inputs

NVS

Model	NVS0104HDC	NVS0204HDC	NVS0404HDC
Video Compression	H.264+/H.264	H.264+/H.264	H.264+/H.264
Audio Compression	G.711/PCM	G.711/PCM	G.711/PCM
Video Standard	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)
Max. Record Rate	30fps@1080P 30fps@ 720P	60fps@1080P 60fps@ 720P	60fps@1080P 120fps@1080N/720P
CVBS Input	1CH,1.0Vp-p,75Ω	2CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω
IP Camera Input	1CH up to 5MP	2CH up to 5MP	4CH up to 5MP
Max IP Input/Record	4Mbps/4Mbps	8Mbps/8Mbps	16Mbps/16Mbps
Audio out	1/1, 2-way	2/1, 2-way	4/1, 2-way
Max Micro SD	128GB	128GB	128GB
Display	1 TV	1 TV	1 TV
Alarm In/Out	4/2	4/2	4/2
Ethernet	1x100M port	1x100M port	1x100M port
RS485	1	1	1
RS232	1	1	1
Network Module(Optional)	4G/ Wi-Fi(2.4G/5G)	4G/ Wi-Fi(2.4G/5G)	4G/ Wi-Fi(2.4G/5G)
Remote User Login	128	128	128
Dimensions	136×162×30mm (5.4"×6.4"×1.2")	136×162×30mm (5.4"×6.4"×1.2")	136×162×30mm (5.4"×6.4"×1.2")
Power	DC12V/2A, ≤10W (Without HDD)	DC12V/2A, ≤10W (Without HDD)	DC12V/2A, ≤10W (Without HDD)
Intelligent Video(Optional)	Tripwire,Intrusion, Abandoned/Missing	Tripwire,Intrusion, Abandoned/Missing	Tripwire,Intrusion, Abandoned/Missing

Alarm Box

Model	ARB1606
Alarm In/Out	16/6
Comunication	1 RS485 port
DIP Switch	2-bit
Installation	Desktop installation
Dimensions	97.68×90.3×33mm (3.8"×3.56"×1.3")
Net Weight	≤0.2kg
Power	12V/1A (or use 1 to 2 power cable to use the DVR power) ≤0.2W
Star Features	Plug & Play Fanless Design

ACCESSORIES

ACCESSORIES

HFxxE, HFxxG Series		
Model	PFB110W	PFB121W
Mount	Wall/ceiling/plane mount	Wall mount

HFWxxE, HFWxxE-Z Series		
Model	PFA121	PFA121+PFA152-E
Mount	Junction box	Pole mount

HFWxxR-VF/Z, HFWxxB, HFWxxD Series		
Model	PFA130-E	PFA130-E+PFA152-E
Mount	Junction box	Pole mount

HFWxxS, HFWxxSL, HFWxxR, HFWxxRM, HFWxxT, MExxB Series		
Model	PFA134	PFA134+PFA152-E
Mount	Junction box	Pole mount

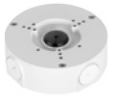
PFW3601-A180			
Model	PFA124-B	PFA124-B+PFA150	PFA124-B+PFA151
Mount	Junction box	Pole mount	Corner mount

ACCESSORIES

HDBWxxE-Z					
Model	PFA138	PFB210W	PFB210W+PFA152-E	PFA101+PFB300C	PFB201C
Mount	Junction box	Wall mount	Pole mount	Ceiling mount	In-ceiling mount

HDBWxxR-Z/VF series						
Model	PFA137	PFB203W	PFB203W+PFA152-E	PFA106+PFB220C	PFB200C	PFA200W
Mount	Junction box	Wall mount	Pole mount	Ceiling mount(extensible)	In-ceiling mount	Rain shade

HDBWxxE Series				
Model	PFA136	PFB203W	PFB203W+PFA152-E	PFA200W
Mount	Junction box	Wall mount	Pole mount	Rain shade

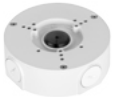
HDWxxR-Z Series			
			
Model	PFA130-E	PFB203W	PFB203W+PFA152-E
Mount	Junction box	Wall mount	Pole mount

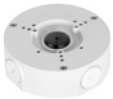
ACCESSORIES

HDWxxS, EB Series			
Model	PFA130-E	PFB203W	PFB203W+PFA152-E
Mount	Junction box	Wall mount	Pole mount

HDWxxR-VF Series			
Model	PFA13B	PFB204W	PFB204W+PFA152-E
Mount	Junction box	Wall mount	Pole mount

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

HDWxxR Series		
		
Model	PFA130-E	PFA130-E+PFA152-E
Mount	Junction box	Pole mount

HDWxxEM Series			
			
Model	PFA130-E	PFB204W	PFB204W+PFA152-E
Mount	Junction box	Wall mount	Pole mount

HDBWxxF Series			
Model	PFA139	PFB204W	PFB204W+PFA152-E
Mount	Junction box	Wall mount	Pole mount

ACCESSORIES

SD65F/60/6AE Series								
Model	PFA111+PFB303W	PFB310W	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

SD49 Series								
Model	PFB305W	PFB310W	PFB305W+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+PFB303W+PFA120		PFA114+PFB300C	PFA150	PFA151	PFA140	PFA114+PFB303S
Mount	Wall mount	Junction box		Ceiling mount	Pole mount	Corner mount	Power box	Parapet mount

ACCESSORIES

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

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

SD22 Series				
Model	PFA137	PFB203W	PFB203W+PFA152-E	PFB200C
Mount	Junction box	Wall mount	Pole mount	In-ceiling mount

ACCESSORIES

Housing

Model	PFH610V Series	PFH610A Series	PFH610E Series	PFH610N-IR-W
Appearance				
Description	Aluminum & PC N/A/Heater, cooler/Heater, cooler, IR IP67, IK10 DC12V/AC24V in 404x164x132mm(15.9″x6.45″x5.2″)	Aluminum & PC N/A/Heater&cooler/Heater&cooler&IR IP67, IK10, NEMA 4X DC12V/AC24V in 404x164x132mm(15.9″x6.45″x5.2″)	Aluminum & PC Heater, cooler/Heater, cooler, IR IP67, IK10, NEMA 4X AC110/220 in 404x164x132mm(15.9″x6.45″x5.2″) -65°C ~+55°C	Aluminum & PC Heater, cooler, wiper, IR IP66 AC24V, 5A in 404x164x175mm(15.9″x6.45″x6.89″)

Power Adapter

Model	AC Power		
Appearance			
Description	AC24V, 1.5A 106×70×56.5mm (4.17"×2.76"×2.22")	AC24V, 3A 120×80×63.5mm (4.72"×3.15"×2.15")	AC24V, 5A 120×102×80mm (4.72"×4.0"×3.15")

Lens

Model	PLZ1040-D	PFL0550-E6D	PFL085-J12M
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: 6MP	Image size: 4/3" Aperture: F2.8 Focus length: 8.5mm Mount: M43 Resolution: 12MP

Tester

Model	PFM900-E	PFM905-E	PFM906
Appearance			
Description	For IPC, HDCVI, TVI, AHD, analog camera; TDR, analog video generator; Digital multimeter, data monitor, PoE+, DC12V/2A output	For HDCVI, TVI, AHD, analog camera; Analog video generator; Digital multimeter, data monitor, DC12V/1A output	For Wifi, IPC, HDCVI, TVI, AHD, analog, SDI camera; TDR, cable search, cable test, analog video generator, VFL; Digital multimeter, OPM, data monitor, PoE+, DC12V/2A, USB5V/2A output

Pickup

Model	HAP100	HAP200	HAP300
Appearance			
Description	Input DC12V Scope: 5-40m² Sensitivity: -40dB 63×30×22mm (2.48"×1.18"×0.87")	Input DC12V Scope: 10-100 m² Sensitivity: -30dB 79.6×79.6×21.5mm (3.13"×3.13"×0.85")	Input DC12V Scope: 5-150 m² Sensitivity: -30dB Φ70mm×20.6mm (Φ2.76"×0.81")

ACCESSORIES

Power Adapter					UPS		
Model	DC Power				PFM350-360	PFM350-900	PFM351-900
Appearance							
Description	DC12V, 1A 84×41×26mm (3.31″x1.16″x1.02″)	DC12V, 2A 104×45×33mm (4.09″x1.77″x1.3″)	DC12V, 2.8A 148×70×31mm (5.83″x2.76″x1.22″)	DC12V, 1.5A 77x49x30mm (3.03″x1.93″x1.18″)	Line-Interactive 600VA/360W 2-6ms transfer time	Line-Interactive 1500VA/900W 2-6ms transfer time	Smart Online 1000VA/900W 0ms transfer time

Distributed Power Supply			Switching Power Supply		Cable
Model	PFM34x Series		Switching Power Supply		PFM930-59N
Appearance					
Description	5/9 Channel AC90~264V input DC12V, 4A/5A output	9/19 Channel AC90~264V input DC12V, 10A/20A output	AC90~264V input DC12V, 50W output 98x98x38mm (3.86"x3.86"x1.5")	AC90~132V/180~264V input DC12V, 150W output 178x97x38mm (7.01"x3.82"x1.5")	RG59 Coaxial Cable Conductor: OFC Jacket: PVC, 6.1mm, Color: black Length: 200m(656.2ft)

Cabinet						
Model	PFC200-6U4D/6U6D	PFC200-12U6D/12U8D	PFC610	PDU	Fan	Caster Wheel
Appearance						
Description	19″ 6U Rack Cabinet Support wall & plane mount Depth:450mm/600mm(17.72"/23.62") Total load bearing: 40kg(88.18lb) Shaft load bearing: 40kg(88.18lb)	19″ 12U Rack Cabinet Support wall& plane mount Depth:450mm/600mm(23.62"/3.94") Total load bearing: 80kg(176.37lb) Shaftl load bearing: 40kg(88.18lb)	19″Rackmount Tray Load bearing: 40kg(88.18lb)	8 Outlet Rackmount PDU Power Strip	Rackmount Cooling Fan Support up to 2 fans to be mounted to one rack cabinet	Caster Wheel Frame material: steel&PU Each load bearing: 60kg(132.3lb)

ACCESSORIES

Balun				POC	Isolator	
Model	PFM800-4MP	PFM801-4MP	PFM809-4MP	PFM811-C/4CH	PFM790	PFM791
Apperance						
Description	Passive HDCVI Balun Transmission distance: 4MP: max.200m(656.17ft) Cable type: CAT 5E/6 (R<10Ω/100m)	Passive HDCVI Balun With Power Input: DC24-36V Output: max.DC12V 8W Transmission distance: 4MP: max.200m(656.17ft) Cable type: CAT 5E/6 (R<10Ω/100m))	16Channel Passive HDCVI Balun Receiver Transmission distance: 4MP: max.200m(656.17ft) (with passive transmitter) Cable type: CAT 5E/6 (R<10Ω/100m)	POC Transceiver Input: DC12V-36V Output: max.DC12V 15.6W Transmission distance: max.400m(1312.3ft) Cable type: RG59/6	Power Isolator Effectively solve image problems caused by centralized power supply;	HD Video Isolator Effectively solve image problems caused by ground loops.

Optical Transceiver				
Model	OTC102T/R	PFO2410T/R	PFO2810T/R	PFO2910T/R
Apperance				
Description	1ch HDCVI Optical Transceiver Lossless non-compression real-time transmission FC, Single-mode, 20km Support 720P/1080P	4ch HDCVI Optical Transceiver Lossless non-compression real-time transmission FC, Single-mode, 20km Support 720P/1080P	8ch HDCVI Optical Transceiver Lossless non-compression real-time transmission FC, Single-mode, 20km Support 720P/1080P	16ch HDCVI Optical Transceiver Lossless non-compression real-time transmission LC, Single-mode, 20km Support 720P/1080P

Converter			Distributor	
Model	TP2105	PFT2100	TP2600	PFT2690
Apperance				
Description	Input :720P/1080P HDCVI signal Output: HDCVI, HDMI, VGA, CVBS Support RS485 to control PTZ	Input :HDMI video signal Output: HDCVI signal	1 in/3 out 720P/1080P self-adaptive Work as a repeater to increase the transmission distance	16-ch HDCVI input, 32-ch output, each input is corresponding to 2 outputs 720P/1080P self-adaptive Compatible CVBS, AHD, HDTVI signal distribution

DISPLAY & CONTROL

Monitor

Model	LM18-L100	LM22-L200
Diagonal	18.5"(16:9)	21.5"(16:9)
Resolution	1366×768	1920x1080
Luminance	200cd/m²	200cd/m²
Contrast	600:1	1000:1
Viewing Angle	H 178°, V 178°	H 170°, V 160°
Response Time	5ms	5ms
Gamut	0.72(CIE1931)	0.72(CIE1931)
Display Color	24bit	24bit
Input	1 VGA, 1 HDMI 1 BNC, 1 Audio	1HD(supported HDCVI, TVI, AHD, CVBS), 1 VGA, 1 HDMI 1 BNC, 1 Audio
Output	2 Speakers, 1 BNC	2 Speakers, 1 HD
Control	Physical Button	Physical Button
Working Temperature	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)
Working Humidity	10~85%	10~85%
Power	AC100~240V(+/-10%), 20W	AC100~240V(+/-10%), 30W
Dimensions	442.0×276.0×51.5mm (17.4"×10.9"×2.0")	516.6×316.7×51.2mm (20.3"×12.5"×2.0")
Weight	2.8kg(6.2lb)	3.8 kg(8.4lb)

Decoder

Model	NVD0405DH-4K
Supported Screen	4 Screens
	Splicing Control
Split Mode	1/4/9/16
	4CH@12MP(15fps)/ 4CH@4K/16CH@1080P/36CH@720P/ 64CH@D1
Local Video Input	1CH HDMI
	Network Video Input
Video Output	HDMI/VGA/BNC
	Audio Out
Alarm In/Out	4/4(30VDC 1A, 125VAC 0.5A, Relay output)
	Intercom
Prosessor	Dual-core embedded microprocessor
	Case
Ethernet	1 RJ-45 port(10/100/1000M)
	USB
Power Supply	DC12V/3.3A
	Control Mode
Highlights	4K & H.265 decoding, Fisheye adjustment

KVM

Model	KVM0801HM-E100
System	DOS, WIN3.X, WIN95/98/98SE/2000/ ME/XP/7/8/10, WinNT, UNIX/LINUX
Computer Connections	8
Port Selection	Hotkeys, buttons
Console Ports	2 USB for Keyboard/Mouse, 1 HDMI for Video
KVM Ports	8 Keyboard/Mouse, 8 Video, 8 USB
Cable Length	4×1.5m, 4×1.8m
Video	1920×1440, 1080P
Scan Interval	3- 99 seconds adjusting
Power Supply	DC12V 500mA
Power Consumption	≤2W
Working Temperature	-45°C~+65°C
Working Humidity	10% ~ 80%, Non-condensing
Unit Dimension	136.5mm×430.8×45.5mm (W×L×H)
Weight	1.28Kg

Keyboard

Model	NKB5000
Operation System	Embedded LINUX 4.2.0
Audio Input/ Output	1 pair 3.5mm jack, supported bidirectional talk
Loudspeaker	1
Alarm In	4, High-low level
Alarm Out	4 (3 relay, 1 12V_1A)
Stream Type	H.265, H.264, MPEG, Nonstandard
Resolution	4CH@4K/16CH@1080P
Display split	1/4/8/9/16
Screen	10.1" TFT LCD touch screen (1280x800)
Joystick	4-axis(zoom, focus, iris)
Control Mode	Direct Mode, Network Mode
Max Remote Users	100 (each can manage up to 20000 unit devices)
USB Interface	2 USB3.0 + 2 USB2.0
Power	DC12V, 4A
Working Temperature	-10°C ~+55°C
Working Humidity	10%~95%
Dimension	Host: 425x205x59mm (W×D×H) (height: exclude joystick) Mini Keyboard: 421.5x105x19.7mm (W×D×H)
Weight	<3.73kg (exclude package)

VIDEO MANAGEMENT SOFTWARE

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	Fisheye 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

iOS 6.0 and above

Android 4.0 and above

Devices	Supported Devices	DVR, NVR, IPC, VTO, Alarm
	Add Device Method	Initialization, IP/domain, SN, IMPort from 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

VIDEO MANAGEMENT SOFTWARE

Easy4ip Cloud

The most user-friendly surveillance cloud platform

Web Client Mobile

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.

iOS
iOS 7.0 and above

Android 3.0 and above

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
- Idenyify: 250ppm

HDCVI CAMERA

Ultra Series

		Idenyify: 250ppm	Recognize: 125ppm	Observe: 63ppm	Detect: 25ppm
3802 Series	3.7~11mm (T)	19m(62ft)	38m(125ft)	76m(250ft)	190m(624ft)
	3.7~11mm (W)	8m(27ft)	17m(54ft)	33m(109ft)	83m(273ft)
	2.5mm(Fisheye)	5m(17ft)	11m(35ft)	21m(70ft)	53m(174ft)
3601 Series	3.6mm	5m(16ft)	10m(33ft)	20m(65ft)	50m(163ft)
3231 Series	2.7~12mm (T)	13m(44ft)	27m(87ft)	53m(175ft)	133m(437ft)
	2.7~12mm (W)	5m(16ft)	10m(32ft)	19m(64ft)	48m(159ft)
3201 Series	2.8mm (Pinhole)	4m(14ft)	8m(28ft)	17m(55ft)	42m(138ft)
	3.6mm (Pinhole)	5m(17ft)	10m(33ft)	20m(67ft)	51m(167ft)

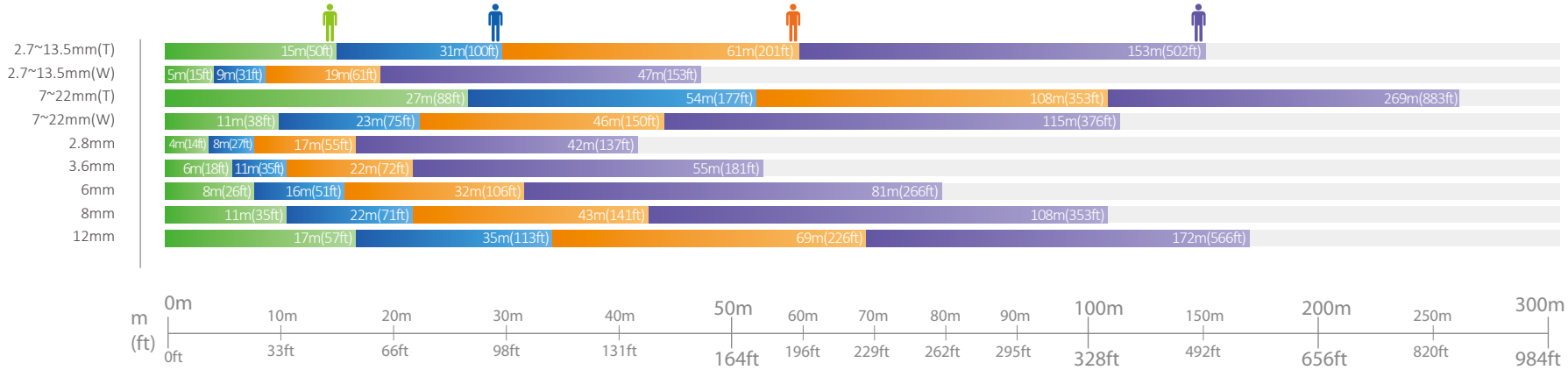
Pro Series

		Idenyify: 250ppm	Recognize: 125ppm	Observe: 63ppm	Detect: 25ppm
2401 Series	2.7~13.5mm(T)	22m(73ft)	44m(146ft)	89m(291ft)	222m(728ft)
	2.7~13.5mm(W)	6m(21ft)	13m(42ft)	26m(84ft)	64m(210ft)
	2.8mm	6m(21ft)	13m(42ft)	25m(83ft)	63m(208ft)
	3.6mm	8m(26ft)	16m(51ft)	32m(105ft)	80m(262ft)
	6mm	12m(39ft)	24m(79ft)	48m(157ft)	120m(394ft)
	8mm	16m(53ft)	32m(105ft)	64m(211ft)	161m(527ft)
	1.18 (Fisheye)	2(8)	5(15)	9m(31ft)	24m(77ft)

m	0m	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	150m	200m	250m	300m
(ft)	0ft	33ft	66ft	98ft	131ft	164ft	196ft	229ft	262ft	295ft	328ft	492ft	656ft	820ft	984ft

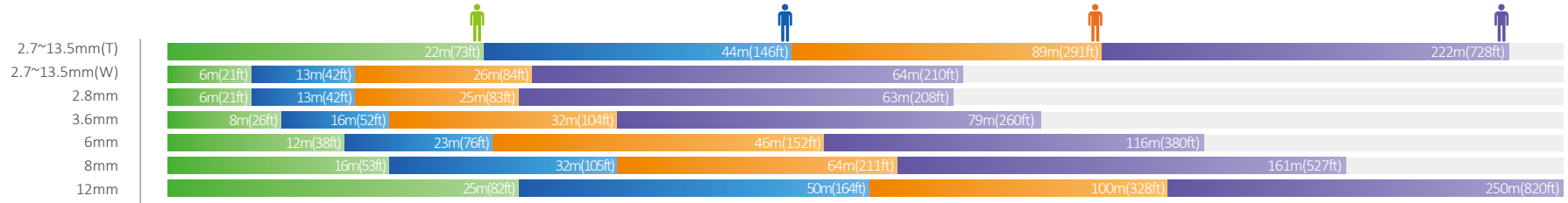
DORI Distance (D/O/R/I)

2231 Series

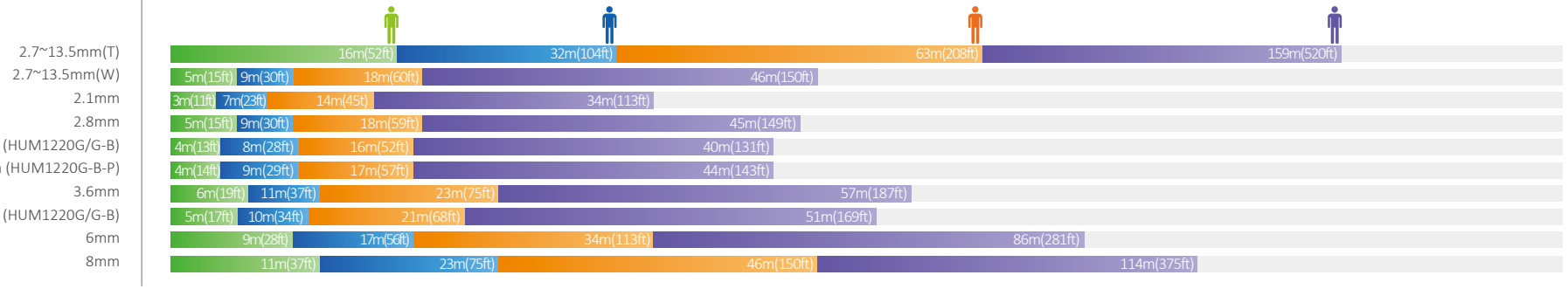


Lite Series

1400 Series

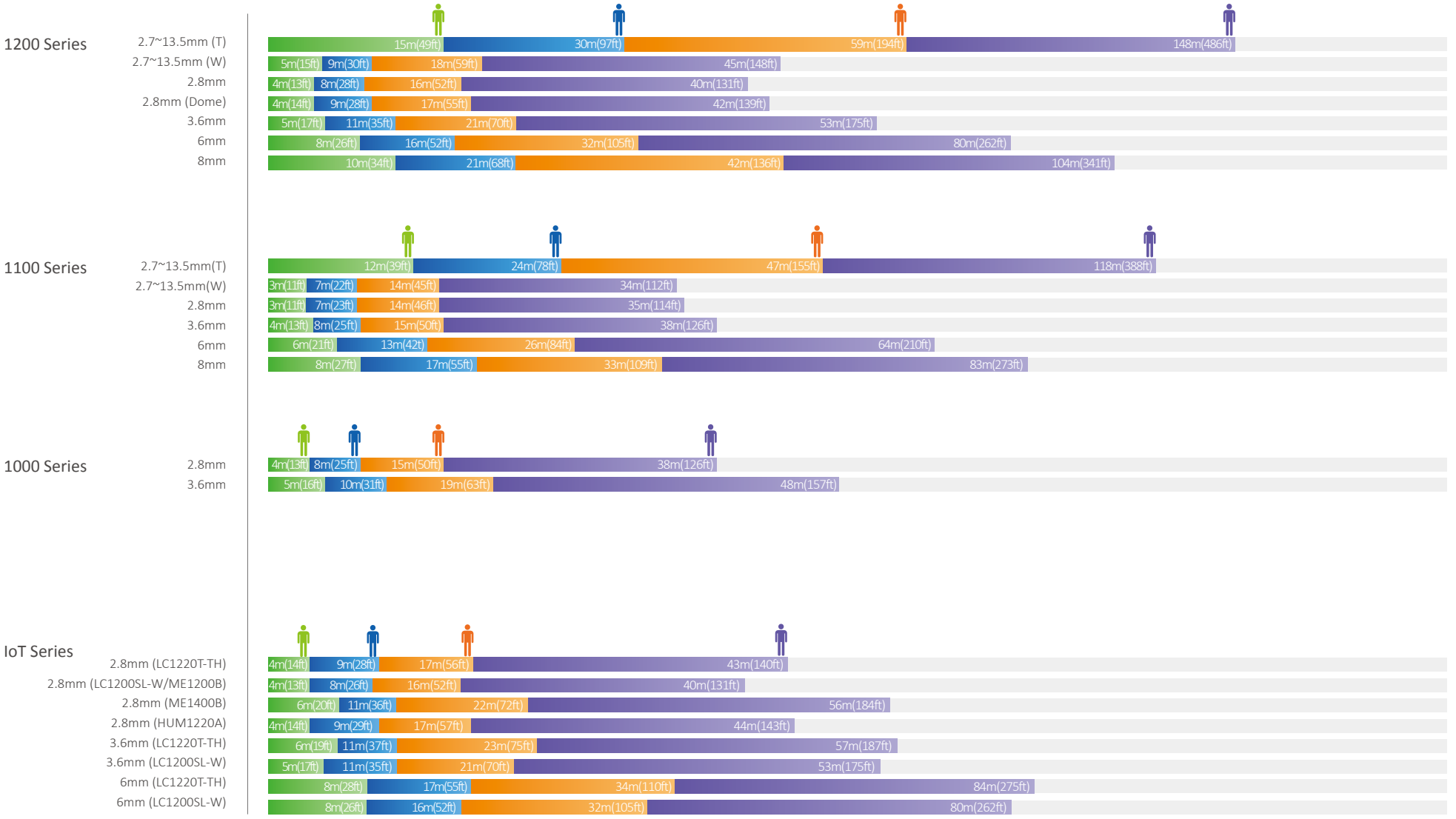


1220 Series



DORI Distance (D/O/R/I)

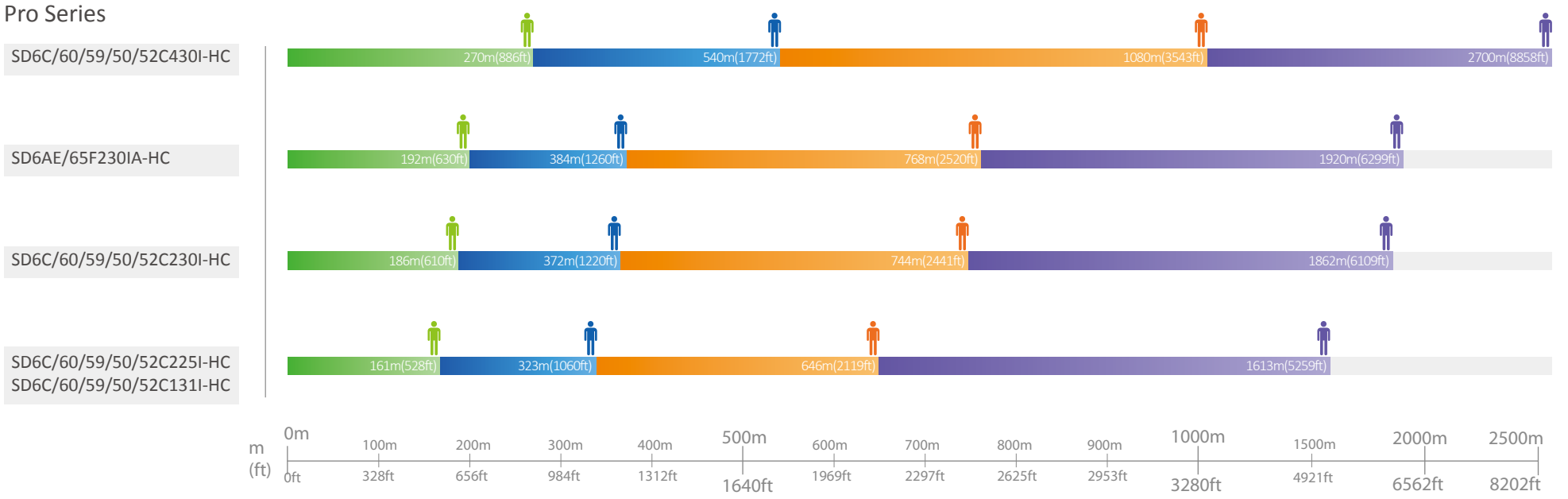
Lite Series



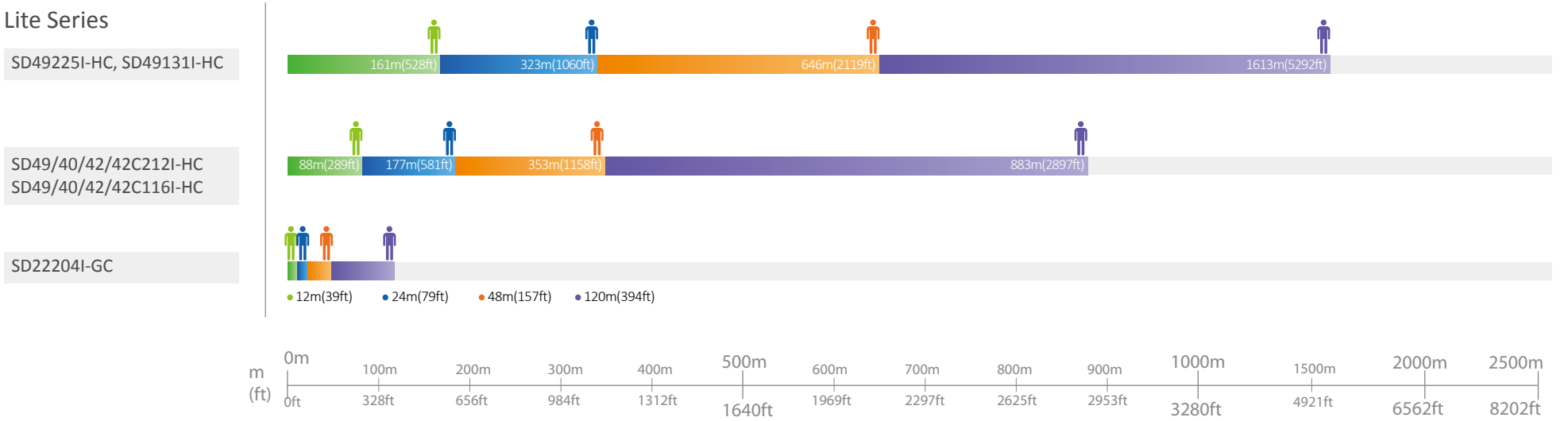
DORI Distance (D/O/R/I)

HDCVI PTZ CAMERA

Pro Series



Lite Series



ENABLING A SAFER SOCIETY
AND SMARTER LIVING

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* Design and specifications are subject to change without notice.

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