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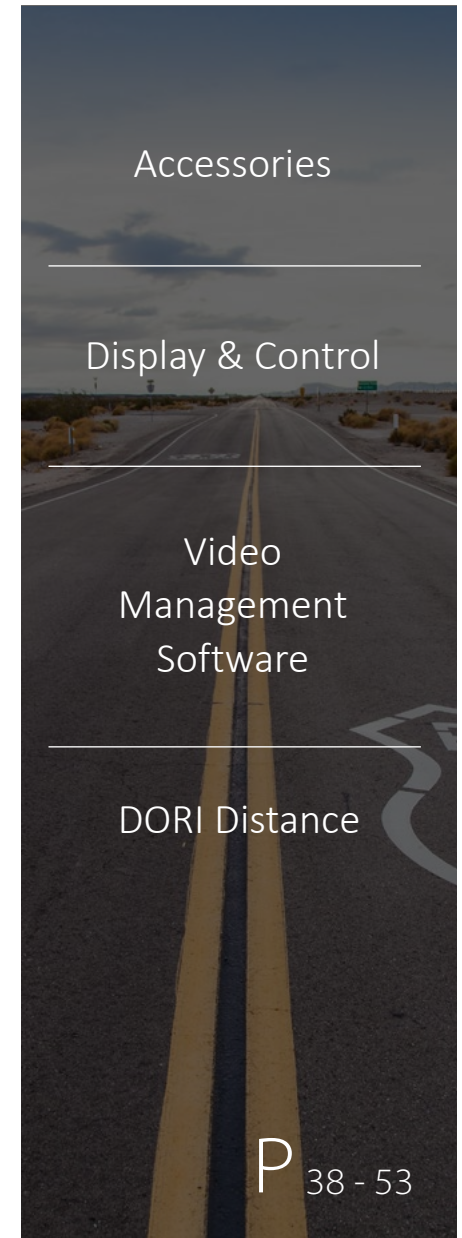
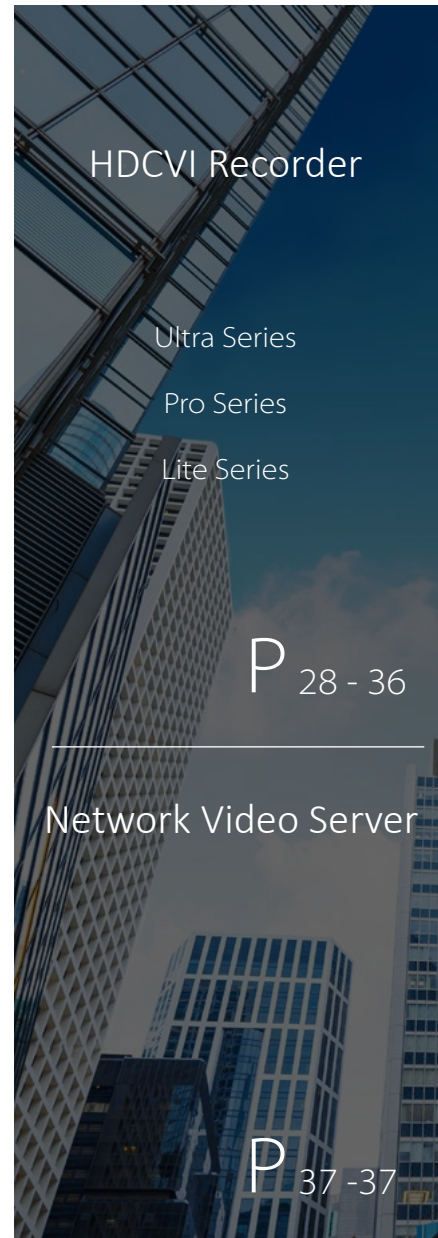
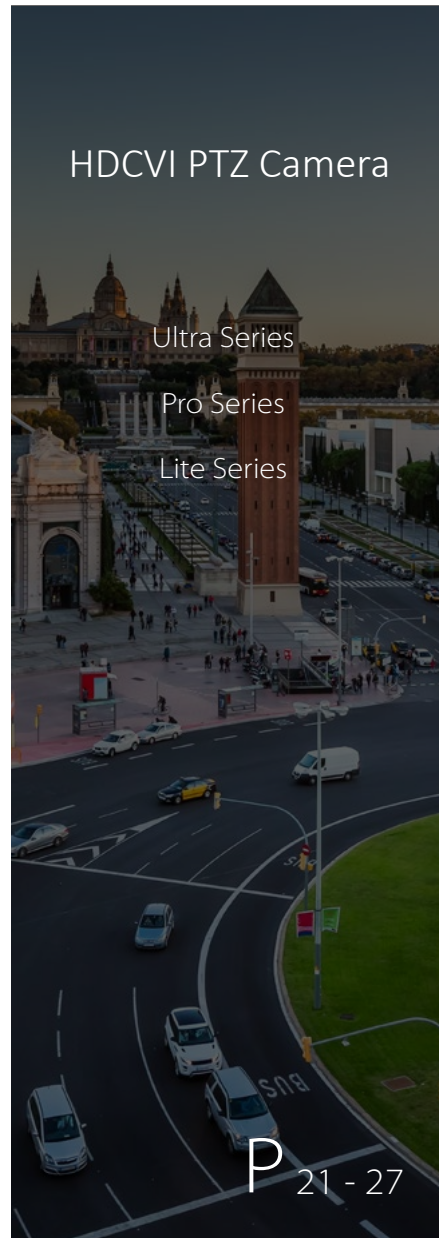
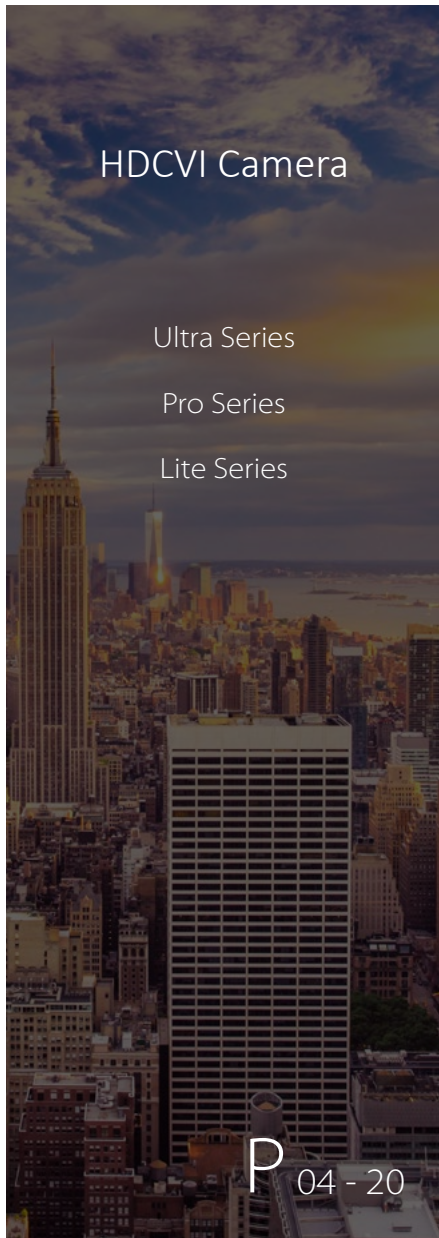
HDCVI PRODUCT SELECTION

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

2017 Ver. 3



CONTENTS



HDCVI SOLUTION



CAMERA



PTZ



RECORDER



ACCESSORIES



SOFTWARE

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



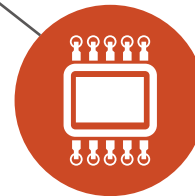
Long
Distance

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




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			
	HAC-HF3805G	HAC-HFW3802E-Z/ZH-VP	HAC-HDBW3802E-Z/ZH	HA-EBW3802
Model	 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







Ultra Series					
	Multi-sensor	1080P Starlight			Pinhole
Model	HAC-PFW3601-A180  starlight	HAC-HF3231E(-T)  starlight	HAC-HFW3231E-Z(T)/ZH  starlight	HAC-HDBW3231E-Z(T)/ZH  starlight	HAC-HUM3201B  starlight
Image Sensor	3x1/2.8" 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	3x3.6mm	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: 3x87°	-	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 (1xPanoramic View & 3xSingle 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








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-formats output suit different applications

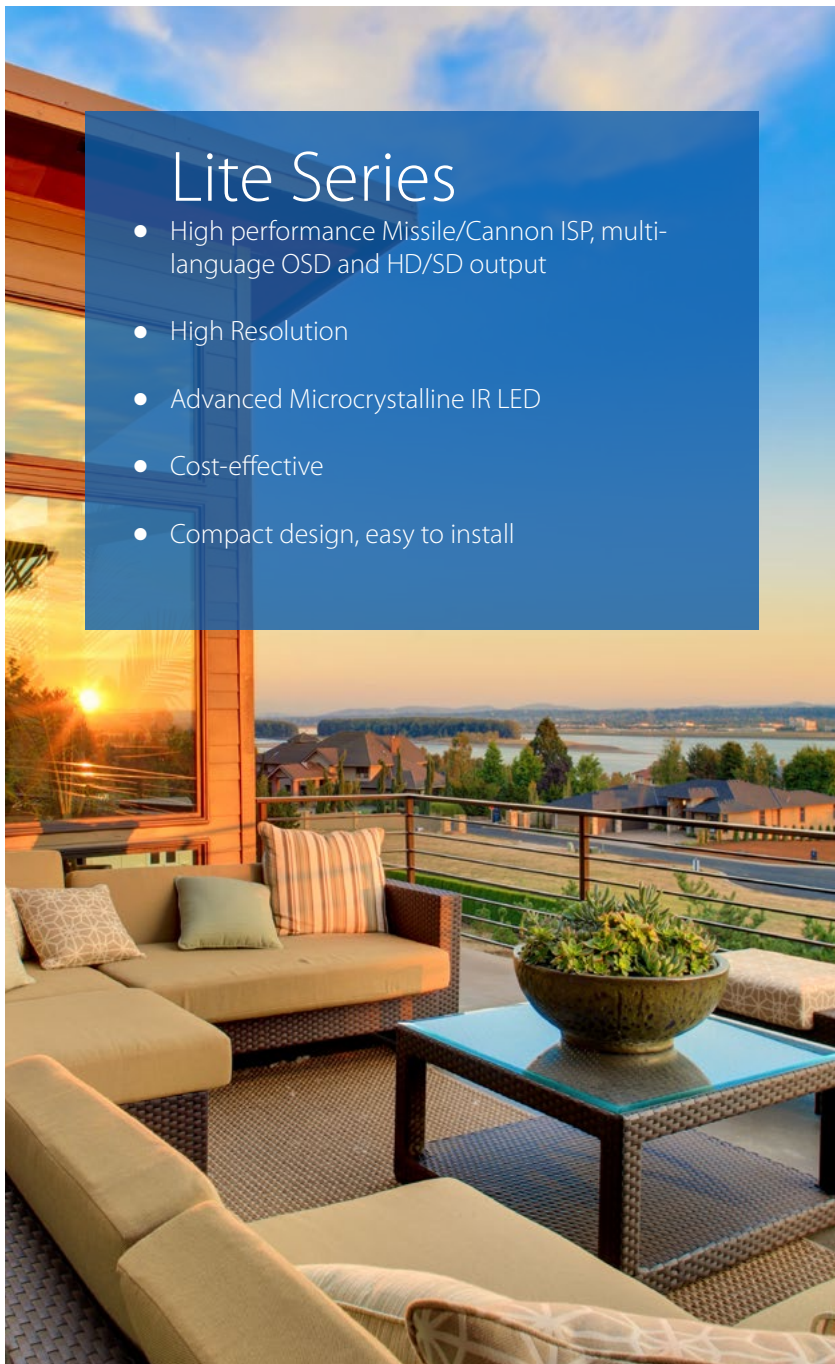
Pro Series

	4MP True WDR			
	HAC-HFW2401R-Z-IRE6(-DP)	HAC-HDBW2401R-Z(-DP)	HAC-HDW2401R-Z(-DP)	HAC-HFW2401D
Model				
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@4M, 30fps@1080P 30fps@720P	25fps@4M, 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

Pro Series						
4MP True WDR						
Model	HAC-HFW2401E	HAC-HFW2401S	HAC-HDBW2401E	HAC-HDW2401EM	HAC-HDW2401M	HAC-EB2401
						
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@4M, 30fps@1080P 30fps@720P	25fps@4M, 30fps@1080P 30fps@720P	25fps@4M, 30fps@1080P 30fps@720P	25fps@4M, 30fps@1080P 30fps@720P	25fps@4M, 30fps@1080P 30fps@720P	25fps@4M, 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	-	-	-	-	-	-
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




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

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



















Lite Series









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









Lite Series				
	4MP			
	HAC-HFW1400R-VF-IRE6	HAC-HFW1400R-VF	HAC-HDBW1400R-VF	HAC-HDW1400R-VF
Model	 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

Lite Series










	4MP							
	HAC-HFW1400D	HAC-HFW1400B	HAC-HFW1400S	HAC-HFW1400SL	HAC-HFW1400T	HAC-HFW1400R	HAC-HDBW1400E	HAC-HDW1400EM
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, 8mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm, 8mm 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°/32.9°)	78°(99.7°/48.6°)	78°(99.7°/48.6°)	78°(99.7°/48.6°)	78°(99.7°/48.6°/32.9°)
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	20m (66ft), Smart IR	20m (66ft), Smart IR	30m (98ft), 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@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°~355°; Tilt: 0°~65° Rotation: 0°~355°	Pan: 0°~360°; Tilt: 0°~78° Rotation: 0°~360°
Ingress Protection	IP67	IP67	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. 5.2W	DC12V±25% Max. 4.1W	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	DC12V±25% Max. 4.1W









Lite Series								
	4MP		1080P					
Model	HAC-HDW1400M	HAC-HDW1400R	HAC-HFW1220R-VF-IRE6	HAC-HFW1200R-VF-IRE6	HAC-HFW1220R-VF	HAC-HFW1200R-VF	HAC-HDBW1220R-VF	HAC-HDBW1200R-VF
	 Missile	 Missile	 Cannon	 Cannon	 Cannon	 Cannon	 Cannon	 Cannon
Image Sensor	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	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)	0.02Lux/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/F1.3 (Color) 0Lux/F1.3 (IR On)	0.02Lux/F1.3 (Color) 0Lux/F1.3 (IR On)
Lens	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	2.7~13.5mm, Manual	2.7~13.5mm, Manual
FOV-H	78°(99.7°/48.6°)	78°(99.7°/48.6°)	104°~28°	106°~30°	104°~28°	106°~30°	104°~28°	106°~30°
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	30m (98ft), Smart IR	20m (66ft), Smart IR	60m (197ft), Smart IR	60m (197ft), Smart IR	30m (98ft), 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@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	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°~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°	Pan: 0°~355°; Tilt: 0°~75° Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~75° Rotation: 0°~355°
Ingress Protection	IP67	-	IP67	IP67	IP67	IP67	IP67, IK10	IP67, IK10
Working Temperature	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)	-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. 3.2W	DC12V±25% Max. 7.7W	DC12V±25% Max. 7.9W	DC12V±25% Max. 4.2W	DC12V±25% Max. 4.4W	DC12V±25% Max. 3.4W	DC12V±25% Max. 3.4W

Lite Series								
1080P								
Model	HAC-HDW1220R-VF	HAC-HDW1200R-VF	HAC-HFW1220D	HAC-HFW1200D	HAC-HFW1220B	HAC-HFW1200B	HAC-HFW1220S	HAC-HFW1200S
								
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/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	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)	3.6mm (2.8mm, 6mm Optional)	3.6mm (6mm Optional)
FOV-H	104°~28°	106°~30°	82.8°(51°/35.1°)	89.9°(54.7°/41.4°)	82.8°(51°/35.1°)	89.9°(54.7°/41.4°)	82.8°(51°/35.1°)	89.9°(54.7°/41.4°)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	30m (98ft), Smart IR	30m (98ft), Smart IR	80m (262ft), Smart IR	80m (262ft), Smart IR	50m (164ft), 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	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°~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°	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. 4.2W	DC12V±25% Max. 4.4W	DC12V±25% Max. 4.5W	DC12V±25% Max. 5W	DC12V±25% Max. 4W	DC12V±25% Max. 4W	DC12V±25% Max. 3.8W	DC12V±25% Max. 4.2W







Lite Series								
1080P								
Model	HAC-HFW1220SL	HAC-HFW1200SL	HAC-HFW1220RM	HAC-HFW1200RM	HAC-HFW1220R	HAC-HFW1200R	HAC-HDBW1220E	HAC-HDBW1200E
								
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/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, 8mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)
FOV-H	82.8°(51°/35.1°)	89.9°(54.7°/41.4°)	82.8°(51°/35.1°)	89.9°(54.7°/41.4°)	82.8°(51°/35.1°)	89.9°(54.7°/41.4°)	82.8°(51°/35.1°)	89.9°(54.7°/41.4°)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	30m (98ft), Smart IR	30m (98ft), Smart IR	20m (66ft), Smart IR	20m (66ft), Smart IR	20m (66ft), Smart IR	20m (66ft), 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@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°~355°; Tilt: 0°~65° Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~65° Rotation: 0°~355°
Ingress Protection	IP67	IP67	IP67	IP67	IP67	IP67	IP67, IK10	IP67, IK10
Working Temperature	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)
Power	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	DC12V±25% Max. 3.2W	DC12V±25% Max. 2.6W	DC12V±25% Max. 3.2W







Lite Series

	1080P								
	HAC-HDW1220EM(-A)	HAC-HDW1200EM(-A)	HAC-HDW1220M	HAC-HDW1200M	HAC-HDW1220G	HAC-HDW1220R	HAC-HDW1200R	HAC-HUM1220G(-B)	HAC-HUM1220G-B-P
Model	 Cannon	 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	1/2.9" 2Mp 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)	0.02Lux/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) 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)	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 (2.1mm, 2.8mm Optional)	2.8mm
FOV-H	82.8°(51°/35.1°)	89.9°(54.7°/41.4°)	82.8°(51°/35.1°)	89.9°(54.7°/41.4°)	82.8°(51°/35.1°)	82.8°(51°/35.1°)	89.9°(54.7°/41.4°)	88°(122.5°/109.4°)	100.5°
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	Electronic	Electronic
Max. IR Distance	50m (164ft), Smart IR	50m (164ft), 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	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°~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°	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
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. 2.9W	DC12V±25% Max. 3.2W	DC12V±25% Max. 2.8W	DC12V±25% Max. 3.2W	DC12V±25% Max. 2.9W	DC12V±25% Max. 2.8W	DC12V±25% Max. 3.2W	DC12V±25% Max. 0.6W	DC12V±25% Max. 0.6W

Lite Series								
720P								
Model	HAC-HFW1100R-VF-IRE6	HAC-HFW1100R-VF	HAC-HDBW1100R-VF	HAC-HDW1100R-VF	HAC-HFW1100D	HAC-HFW1100B	HAC-HFW1100S	HAC-HFW1000S
								
Image Sensor	1/3" 1Mp CMOS	1/3" 1Mp CMOS	1/3" 1Mp CMOS	1/3" 1Mp CMOS	1/3" 1Mp CMOS	1/3" 1Mp CMOS	1/3" 1Mp CMOS	1/4" 1Mp CMOS
Min. Illumination	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)	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	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 (2.8mm, 6mm, 8mm Optional)	3.6mm (2.8mm, 6mm, Optional)	3.6mm (2.8mm Optional)
FOV-H	91°~25°	91°~25°	91°~25°	91°~25°	72.3°(46°/34.8°)	72.3°(91.6°/46°/34.8°)	72.3°(91.6°/46°)	60°(83.4°)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	60m (197ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR	30m (98ft), Smart IR	80m (262ft), 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	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°~355°; Tilt: 0°~75° Rotation: 0°~355°	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°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°
Ingress Protection	IP67	IP67	IP67, IK10	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. 7W	DC12V±25% Max. 3W	DC12V±25% Max. 2.9W	DC12V±25% Max. 3W	DC12V±25% Max. 4.6W	DC12V±25% Max. 3.5W	DC12V±25% Max. 3.8W	DC12V±25% Max. 3.8W

Lite Series

	720P					
	HAC-HFW1100SL	HAC-HFW1000SL	HAC-HFW1100RM	HAC-HFW1000RM	HAC-HFW1100R	HAC-HFW1000R
Model	 Cannon	 Cannon	 Cannon	 Cannon	 Cannon	 Cannon
Image Sensor	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)
Lens	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°(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
Max. IR Distance	30m (98ft), Smart IR	30m (98ft), Smart IR	20m (66ft), 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
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	2D	2D	2D	2D	2D	2D
Frame Rate	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
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°
Ingress Protection	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)
Power	DC12V±25% Max. 3.8W	DC12V±25% Max. 3.8W	DC12V±25% Max. 2.8W	DC12V±25% Max. 2.8W	DC12V±25% Max. 2.8W	DC12V±25% Max. 2.8W





Lite Series						
720P						
	HAC-HDBW1100E	HAC-HDW1100EM(-A)	HAC-HDW1100M	HAC-HDW1000M	HAC-HDW1100R	HAC-HDW1000R
Model	 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
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)
Lens	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°)	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
Max. IR Distance	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
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	2D	2D	2D	2D	2D	2D
Frame Rate	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
Audio In	-	Built-in Mic(-A)	-	-	-	-
Alarm In/Out	-	-	-	-	-	-
Pan/Tilt/Rotation	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, 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)
Power	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

- Ecosystem of linking all kinds of sensors
- Accurate detection based on HDCVI video surveillance & PIR
- Multi-signal communication over coaxial cable

IoT Series

	MotionEye			
	HAC-ME1400B	HAC-ME1200B	HAC-HUM1220A	HAC-HUM1220A-W
Model				
Image Sensor	1/3" 4MP CMOS	1/2.7" 2MP CMOS	1/2.9" 2MP CMOS	1/2.9" 2MP CMOS
Min. Illumination	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	2.8mm	2.8mm	2.8mm	2.8mm
FOV-H	107.3°	112°	100.5°	100.5°
Day/Night	ICR	ICR	Electronic	Electronic
Max. IR Distance	20m (66ft), Smart IR	20m (66ft), 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@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)
Audio In	-	-	-	-
Alarm In/Out	PIR Alarm, Coax out	PIR Alarm, Coax out	PIR Alarm, Coax out	PIR Alarm, Coax & Wireless out
Pan/Tilt/Rotation	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	-	-
Working Temperature	-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±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.
- Project-oriented features: IP67, IK10
- Long IR distance: 200m
- Elegant appearance

Ultra Series		
	1080P	
	SD6AE230IA-HC	SD65F230IA-HC
Model	 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	Support	Support
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

Pro Series

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

Pro Series

	4MP				
	SD6C430I-HC	SD60430I-HC	SD59430I-HC	SD50430I-HC	SD52C430I-HC
Model					
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	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	Support	Support	Support	Support	Support
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@4M/1080P 30/60fps@720P	30fps@4M/1080P 30/60fps@720P	30fps@4M/1080P 30/60fps@720P	30fps@4M/1080P 30/60fps@720P	30fps@4M/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



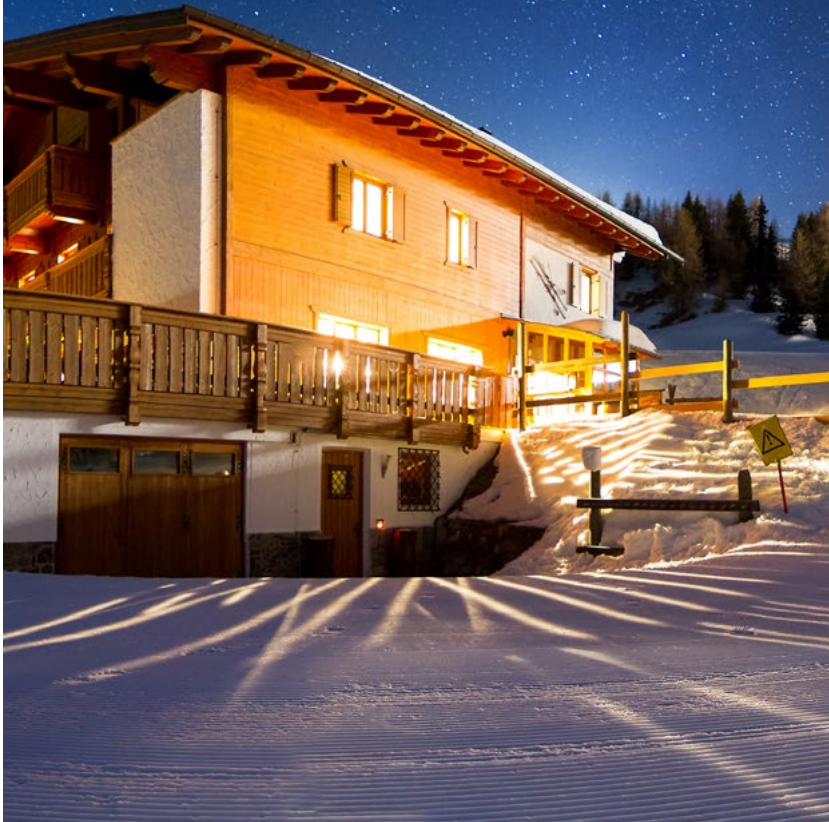
HDCVI PTZ CAMERA



Pro Series								
1080P								
Model	SD6C230I-HC	SD6C225I-HC	SD60230I-HC	SD60225I-HC	SD59230I-HC	SD59225I-HC	SD50230I-HC	SD50225I-HC
	 starlight	 starlight	 starlight	 starlight	 starlight	 starlight	 starlight	 starlight
Image Sensor	1/2.8" 2Mp STARVISTM CMOS	1/2.8" 2Mp STARVISTM CMOS	1/2.8" 2Mp STARVISTM CMOS	1/2.8" 2Mp STARVISTM CMOS	1/2.8" 2Mp STARVISTM CMOS	1/2.8" 2Mp STARVISTM CMOS	1/2.8" 2Mp STARVISTM CMOS	1/2.8" 2Mp STARVISTM 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	Support	Support	Support	Support	Support	Support	Support	Support
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






Pro Series							
	1080P		720P				
Model	SD52C230I-HC	SD52C225I-HC	SD6C131I-HC	SD60131I-HC	SD59131I-HC	SD50131I-HC	SD52C131I-HC
	 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	Support	Support	Support	Support	Support	Support	Support
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

Lite Series

- Max.31x optical zoom PTZ brings more benefits
- Compact design
- Mini IR PTZ camera
- Competitive price



Lite Series		
	1080P	
	SD49225I-HC	SD49212I-HC
Model	 starlight	 starlight
Image Sensor	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)
Lens	4.8~120mm (25x Optical zoom)	5.3~64.0mm (12x Optical zoom)
FOV-H	59.2° ~ 2.4°	H: 58.4° ~ 4.9°
Day/Night	ICR	ICR
Max. IR Distance	100m(328ft)	100m(328ft)
OSD Menu	Support	Support
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: -15° ~ 90°	Pan: 0° ~ 360° endless Tilt: -15° ~ 90°
Preset Speed	Pan: 240°/s Tilt: 200°/s	Pan: 240°/s Tilt: 200°/s
Audio In	1	1
Alarm In/Out	2/1	2/1
Ingress Protection	IP66	IP66
Working Temperature	-40°C ~ +70°C (-40°F ~ +158°F)	-40°C ~ +70°C (-40°F ~ +158°F)
Power	DC12V Max. 20W	DC12V Max. 20W

Lite Series					
	1080P				720P
Model	SD40212I-HC	SD42212I-HC	SD42C212I-HC	SD22204I-GC	SD49131I-HC
					 starlight
Image Sensor	1/2.8" 2Mp CMOS	1/2.8" 2Mp CMOS	1/2.8" 2Mp CMOS	1/2.7" 2Mp CMOS	1/2.8" STARVIS™ CMOS
Min. Illumination	0.05Lux/F1.6 (Color) 0.005Lux/F1.6 (B/W)	0.05Lux/F1.6 (Color) 0.005Lux/F1.6 (B/W)	0.05Lux/F1.6 (Color) 0.005Lux/F1.6 (B/W)	0.05Lux/F1.6 (Color) 0.005Lux/F1.6 (B/W)	0.005Lux/F1.6(Color) 0Lux/F1.6 (IR on)
Lens	5.1 mm~61.2mm (12x Optical zoom)	5.1 mm~61.2mm (12x Optical zoom)	5.1 mm~61.2mm (12x Optical zoom)	2.7~11mm (4x Optical zoom)	4.8~150mm(31x Optical zoom)
FOV-H	51.3° ~ 4.6°	51.3° ~ 4.6°	51.3° ~ 4.6°	112.5° ~ 39°	58.3° ~ 1.9°
Day/Night	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	-	-	-	-	100m(328ft)
OSD Menu	Support	Support	Support	Support	Support
WDR	DWDR	DWDR	DWDR	120dB True WDR	120dB True WDR
Noise Reduction	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	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: -2° ~ 90°	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°"
Preset Speed	Pan: 300°/s Tilt: 200°/s	Pan: 300°/s Tilt: 200°/s	Pan: 300°/s Tilt: 200°/s	Pan: 100°/s Tilt: 60°/s	Pan: 240° /s Tilt: 200° /s
Audio In	1	1	1	--	1
Alarm In/Out	2/1	2/1	2/1	--	2/1
Ingress Protection	IP66, IK10	IP66, IK10	IK10	IP66, IK10	IP66
Working Temperature	-40°C~+60°C (-40°F~+140°F)	-30°C ~ +60°C (-22°F~+140°F)	-30°C ~ +60°C (-22°F~+140°F)	-30°C ~ +60°C (-22°F~+140°F)	-40°C~+70°C (-40°F~+158°F)
Power	AC24V Max. 19W	AC24V Max. 10W	AC24V Max. 10W	DC12V Max. 10W	DC12V Max. 20W

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: 2MP	CH01-16: 2MP	CH01-16: 2MP
Max. HDCVI Recording Rate	4K@15fps 4MP@15fps 1080P@30fps	1080P@30fps 720P@30fps	1080P@30fps 720P@30fps	1080P@30fps 720P@30fps
CVBS Input	16CH, 1.0Vp-p, 75Ω	16CH, 1.0Vp-p, 75Ω	16CH, 1.0Vp-p, 75Ω	16CH, 1.0Vp-p, 75Ω
Loop Out	Support	-	-	-
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 Series: HDCVI/AHD/TVI/CVBS self-adaptive; Up to 1080P recording
- High standard hardware

Pro Series				
	2 HDD		1 HDD	
	HCVR7208AN-4K	HCVR7204AN-4K	HCVR7108H-4K	HCVR7104H-4K
Model				
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	4K@15fps 4MP@30fps 1080P@30fps	4K@15fps 4MP@30fps 1080P@30fps	4K@15fps 4MP@30fps 1080P@30fps	4K@15fps 4MP@30fps 1080P@30fps
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	2x8TB	2x8TB	1x8TB	1x8TB
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	375x287x53mm (14.8"x11.3"x2.1")	375x287x53mm (14.8"x11.3"x2.1")	325x255x55mm (12.8"x10.0"x2.2")	325x255x55mm (12.8"x10.0"x2.2")
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

Pro Series						
	8 HDD	4 HDD	2 HDD	1 HDD		
	XVR7816S	XVR7416L	XVR7216A	XVR7116HE	XVR7108HE	XVR7104HE
Model						
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	G.711/PCM	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)	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	CH01-16: 1080P	CH01-16: 1080P	CH01-08: 1080P	CH01-04: 1080P
Max. HDCVI Recording Rate	1080P@30fps 720P@30fps	1080P@30fps 720P@30fps	1080P@30fps 720P@30fps	1080P@30fps 720P@30fps	1080P@30fps 720P@30fps	1080P@30fps 720P@30fps
CVBS Input	16CH,1.0Vp-p,75Ω	16CH,1.0Vp-p,75Ω	16CH,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	16+8 Up to 5Mp	16+8 Up to 5Mp	8+4 Up to 5Mp	4+2 Up to 5Mp
Max IP Input/Record	96Mbps/96Mbps	96Mbps/96Mbps	96Mbps/96Mbps	96Mbps/96Mbps	48Mbps/48Mbps	24Mbps/24Mbps
Audio In/out	16/1, 2-way	4/1, 2-way	4/1, 2-way	16/1, 2-way	8/1, 2-way	4/1, 2-way
Max HDD	8×8TB	4×8TB	2×8TB	1×8TB	1×8TB	1×8TB
Display	2HDMI/VGA(1920x1080),TV	2HDMI/VGA(1920x1080),TV	HDMI/VGA(1920x1080) SPOT (configurable)	HDMI/VGA(1920x1080) SPOT (configurable)	HDMI/VGA(1920x1080) SPOT (configurable)	HDMI/VGA(1920x1080)
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	2 USB2.0
DVD Burner	USB/SATA	USB/SATA	USB	USB	USB	USB
Alarm In/Out	16/6	16/6	16/3	16/3	8/3	8/3
Ethernet	2 Gigabit ports	1 Gigabit port	1 Gigabit port	1 Gigabit port	1 Gigabit port	1x100M 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")	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")
Power	AC 100-240V,50/60Hz, ≤40W(Without HDD)	AC 100-240V,50/60Hz, ≤40W(Without HDD)	DC12V/5A, ≤15W(Without HDD)	DC12V/3A, ≤15W(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
Star Features	P2P,Coaxial Audio/Alarm/Upgrade 2D/3DNR	P2P,Coaxial Audio/Alarm/Upgrade 2D/3DNR	P2P, 2D/3DNR	P2P, 2D/3DNR	P2P, 2D/3DNR	P2P, 2D/3DNR










Lite Series

- Coaxial Audio/Alarm/Upgrade
- Penta-brid: Support HDCVI/AHD/TVI/CVBS/IP video inputs
- S2 Series: High performance chip provides perfect image quality with better color reproduction;
- XVR5000-4KL Series: Up to 8MP recording and HDMI interface outputs up to 4K
- XVR5000-S2 Series: Support 15fps@4MP Lite/1080P&30fps@1080N/720p recording.

Lite Series			
	2 HDD		
	XVR5216AN-4KL	XVR5208AN-4KL	XVR5204AN-4M
Model			
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. Recording Resolution	CH01-16: 4K	CH01-08: 4K	CH01-04: 4MP
Max. HDCVI Recording Rate	4K@7fps 4MP@15fps 1080P@30fps	4K@7fps 4MP@15fps 1080P@30fps	4MP@15fps 1080P@30fps
CVBS Input	16CH,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 5Mp
Max IP Input/Record	96Mbps/96Mbps	48Mbps/48Mbps	24Mbps/24Mbps
Audio In/out	1/1, 2-way	1/1, 2-way	1/1, 2-way
Max HDD	2×8TB	2×8TB	2×8TB
Display	HDMI(3840x2160) VGA(1920x1080) SPOT(configurable)	HDMI(3840x2160) VGA(1920x1080) SPOT(configurable)	HDMI(2560x1440) VGA(1920x1080)
eSATA	-	-	-
USB	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	2 USB2.0
DVD Burner	USB	USB	USB
Alarm In/Out	-	-	-
Ethernet	1 Gigabit port	1 Gigabit port	1x100M 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")	375×287×53mm (14.8"×11.3"×2.1")
Power	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
Star Features	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		
	XVR5832S-S2	XVR5816S-S2	XVR5432L-S2	XVR5416L-S2	XVR5232AN-S2	XVR5216AN-S2	XVR5216A-S2
Model							
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	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)	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: 4MP Lite/1080P	CH01-16: 4MP Lite/1080P	CH01-32: 4MP Lite/1080P	CH01-16: 4MP Lite/1080P	CH01-32: 4MP Lite/1080P	CH01-16: 4MP Lite/1080P	CH01-16: 4MP Lite/1080P
Max. HDCVI Recording Rate	4MP Lite@15fps 1080P@15fps 720P@30fps	4MP Lite@15fps 1080P@15fps 720P@30fps	4MP Lite@15fps 1080P@15fps 720P@30fps	4MP Lite@15fps 1080P@15fps 720P@30fps	4MP Lite@15fps 1080P@15fps 720P@30fps	4MP Lite@15fps 1080P@15fps 720P@30fps	4MP Lite@15fps 1080P@15fps 720P@30fps
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	8x8TB	8x8TB	4x8TB	4x8TB	2x8TB	2x8TB	2x8TB
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	440x455x95mm (17.3"×17.9"×3.7")	440x455x95mm (17.3"×17.9"×3.7")	440x417x76mm (17.3"×16.4"×3.0")	440x417x76mm (17.3"×16.4"×3.0")	375x287x53mm (14.8"×11.3"×2.1")	375x287x53mm (14.8"×11.3"×2.1")	375x287x53mm (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, ≤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	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

Lite Series					
	2 HDD		1 HDD		
	XVR4232AN-S2	XVR4216AN-S2	XVR4116HS-S2	XVR4108HS-S2	XVR4104HS-S2
Model					
Video Compression	H.264	H.264	H.264	H.264	H.264
Audio Compression	G.711/PCM	G.711/PCM	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)	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
Max. HDCVI Recording Rate	1080N@12fps 720P@15fps	1080N@12fps 720P@15fps	1080N@12fps 720P@15fps	1080N@12fps 720P@15fps	1080N@30fps 720P@30fps
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
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
Max IP Input/Record	64Mbps/64Mbps	72Mbps/72Mbps	72Mbps/72Mbps	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
Max HDD	2×8TB	2×8TB	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)
eSATA	-	-	-	-	-
USB	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
Alarm In/Out	-	-	-	-	-
Ethernet	1 Gigabit port	1x100M port	1x100M port	1x100M port	1x100M port
Remote User Login	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")
Power	DC12V/4A, ≤15W(Without HDD)	DC12V/4A, ≤15W(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

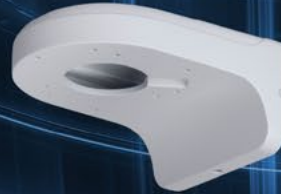


NVS

- 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, maximum support 128G
- 1/2/4 channel video and audio inputs

NVS				Alarm Box	
	NVS0104HDC	NVS0204HDC	NVS0404HDC		
Model				Model	ARB1606 
Video Compression	H.264+/H.264	H.264+/H.264	H.264+/H.264	Alarm In/Out	16/6
Audio Compression	G.711/PCM	G.711/PCM	G.711/PCM	Communication	1 RS485 port
Video Standard	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	DIP Switch	2-bit
Max. Record Rate	30fps@1080P 30fps@ 720P	60fps@1080P 60fps@ 720P	60fps@1080P 120fps@1080N/720P	Installation	Desktop installation
CVBS Input	1CH,1.0Vp-p,75Ω	2CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω	Dimensions	97.68×90.3×33mm (3.8"×3.56"×1.3")
IP Camera Input	1CH up to 5Mp	2CH up to 5Mp	4CH up to 5Mp	Net Weight	≤0.2kg
Max IP Input/Record	4Mbps/4Mbps	8Mbps/8Mbps	16Mbps/16Mbps	Power	12V/1A (or use 1 to 2 power cable to use the DVR power) ≤0.2W
Audio out	1/1, 2-way	2/1, 2-way	4/1, 2-way	Star Features	Plug & Play Fanless Design
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		

ACCESSORIES



HFxxE, HFxxG Series			HFWxxE, HFWxxE-Z Series		
					
Model	PFB110W	PFB121W	Model	PFA121	PFA121+PFA152-E
Mount	Wall/ceiling/plane mount	Wall mount	Mount	Junction box	Pole mount

HFWxxR-VF/Z, HFWxxB, HFWxxD Series			HFWxxS, HFWxxSL, HFWxxR, HFWxxRM, HFWxxT, MExxB Series		
					
Model	PFA135	PFA135+PFA152-E	Model	PFA134	PFA134+PFA152-E
Mount	Junction box	Pole mount	Mount	Junction box	Pole mount

PFW3601-A180					
					
Model	PFA124	PFA124+PFA150	PFA124+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	PFA137	PFB203W	PFB203W+PFA152-E
Mount	Junction box	Wall mount	Pole mount

HDWxxS Series			
			
Model	PFA136	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	PFA122	PFA122+PFA152-E
Mount	Junction box	Pole mount


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

EB series		
		
Model	PFB203W	PFB203W+PFA152-E
Mount	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	

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

Housing				
Model	PFH610N/V/A	PFH610N/V/A-H	PFH610N/V/A-IR	PFH610L/L-H
Appearance				
Description	Aluminum & PC N/A IP67/IP67&IK10/IP67&IK10&NEMA 4X DC12V/AC24V in 404.0x163.8x132.1mm (15.9"x6.45"x5.2")	Aluminum & PC Heater, cooler IP67/IP67&IK10/IP67&IK10&NEMA 4X AC24V, 3A in 404.0x163.8x132.1mm (15.9"x6.45"x5.2")	Aluminum & PC Heater, cooler, IR IP67/IP67&IK10/IP67&IK10&NEMA 4X AC24V, 5A in 404.0x163.8x132.1mm (15.9"x6.45"x5.2")	Aluminum & PC Heater, cooler IK10, IP67 DC12V/ AC24V in 425x163.8x132.1mm (16.73"x6.45"x5.2")







Power Adapter			Lens			
Model	AC Power		PLZ1040-D	PFL0550-E6D	PLF20C0-D	
Appearance						
Description	AC24V, 1.5A 106x70x56.5mm (4.17"x2.76"x2.22")	AC24V, 3A 120x80x63.5mm (4.72"x3.15"x2.15")	AC24V, 5A 120x102x80mm (4.72"x4.0"x3.15")	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: 1/1.7" Aperture: F2.0 Focus length: 3.2mm Mount: CS Resolution: 12MP 168° ultra-wide field angle





Tester			Pickup			
Model	PFM900-E	PFM905-E	PFM906	HAP100	HAP200	HAP300
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	Input DC12V Scope: 5-40m ² Sensitivity:-40dB 63x30x22mm (2.48"x1.18"x0.87")	Input DC12V Scope: 10-100 m ² Sensitivity:-30dB 79.6x79.6x21.5mm (3.13"x3.13"x0.85")	Input DC12V Scope: 5-150 m ² Sensitivity:-30dB Ø70mmx20.6mm (Ø2.76"x0.81")





Power Adapter				Distributed Power Supply		
Model	DC Power			PFM320D-015	PFM34x Series	
Appearance						
Description	DC12V, 1A 84x41x26mm (3.31"x1.16"x1.02")	DC12V, 2A 104x45x33mm (4.09"x1.77"x1.3")	DC12V, 2.8A 148x70x31mm (5.83"x2.76"x1.22")	DC12V, 1.5A 77x49x30mm (3.03"x1.93"x1.18")	5/9 Channel AC90~264V input DC12V, 4A/5A output	9/19 Channel AC90~264V input DC12V, 10A/20A output

UPS				Cable
Model	PFM350-360	PFM350-900	PFM351-900	PFM930-59N
Appearance				
Description	Line-Interactive 600VA/360W 2-6ms transfer time	Line-Interactive 1500VA/900W 2-6ms transfer time	Smart Online 1000VA/900W 0ms transfer time	RG59 Coaxial Cable Conductor: OFC Jacket: PVC, 6.1mm, Color: black Length: 200m(656.2ft)

Cabinet						
Model	PFC200-6U6D	PFC200-12U6D	PFC610	PDU	Fan	Caster Wheel
Appearance						
Description	19" 6U Rack Cabinet Support wall & plane mount Total load bearing: 40kg(88.18lb) Shaft load bearing: 40kg(88.18lb)	19" 12U Rack Cabinet Support wall & plane mount Total load bearing: 80kg(176.37lb) Shaft 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)

Balun			POC		Isolator	
Model	PFM800-4MP	PFM801-4MP	PFM809-4MP	PFM811-C/4CH	PFM790	PFM791
Appearance						
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 12W 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
Appearance				
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

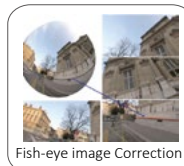
Converter		Distributor		
Model	TP2105	PFT2100	TP2600	PFT2690
Appearance				
Description	Input :720P/1080P HDCVI signal Output: HDCVI, HDMI, VGA, CVBS Support RS485 to control PTZ	Input :HDMI video signal Output: HDCVI signal	1 in/3 out 720P/1080P self-adaptive Work as a repeater to increase the transmission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

Monitor			Decoder		KVM		Keyboard	
	LM18-L100	LM22-L200		NVD0405DH-4K		KVM0801HM-E100		NKB5000
Model			Model		Model		Model	
Diagonal	18.5"(16:9)	21.5"(16:9)	Support Screen	4 Screens	System	DOS, WIN3.X, WIN95/98/98SE/2000/ME/XP/7/8/10, WinNT, UNIX/LINUX	Operation System	Embedded LINUX 4.2.0
Resolution	1366x768	1920x1080		Splicing Control	Computer Connections	8	Audio Input/Output	1 pair 3.5mm jack, support bidirectional talk
Luminance	200cd/m ²	200cd/m ²	Split Mode	1/4/9/16	Port Selection	Hotkeys, buttons	Loudspeaker	1
Contrast	600:1	1000:1		4CH@12MP(15fps)/ 4CH@4K/16CH@1080P/36CH@720P/ 64CH@D1	Console Ports	2 USB for Keyboard/Mouse, 1 HDMI for Video	Alarm In	4, High-low level
Viewing Angle	H 178°, V 178°	H 170°, V 160°	Local Video Input	1CH HDMI	KVM Ports	8 Keyboard/Mouse, 8 Video, 8 USB	Alarm Out	4 (3 relay, 1 12V_1A)
Response Time	5ms	5ms		Network Video Input	Cable Length	4x1.5m, 4x1.8m	Stream Type	H.265, H.264, MPEG, Nonstandard
Gamut	0.72(CIE1931)	0.72(CIE1931)	Video Output	HDMI/VGA/BNC	Video	1920x1440, 1080P	Resolution	5CH@4K/16CH@1080P
Display Color	24bit	24bit		Audio Out	Scan Interval	3- 99 seconds adjusting	Display split	1/4/8/9/16
Input	1 VGA, 1 HDMI 1 BNC, 1 Audio	1HD(support HDCVI, TVI, AHD, CVBS), 1 VGA, 1 HDMI 1 BNC, 1 Audio	Alarm In/Out	4/4(30VDC 1A, 125VAC 0.5A, Relay output)	Power Supply	DC12V 500mA	Screen	10.1" TFT LCD touch screen (1280x800)
Output	2 Speakers, 1 BNC	2 Speakers, 1 HD		Intercom	Power Consumption	≤2W	Joystick	4-axis(zoom, focus, iris)
Control	Physical Button	Physical Button	Processor	Dual-core embedded microprocessor	Working Temperature	-45°C~+65°C	Control Mode	Direct Mode, Network Mode
Working Temperature	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)		Case	Working Humidity	10% ~ 80%, Non-condensing	Max Remote Users	20 (each can manage up to 256 unit devices)
Working Humidity	10~85%	10~85%	Ethernet	1 RJ-45 port(10/100/1000M)	Unit Dimension	136.5mmx430.8mmx45.5mm (WxLxH)	USB Interface	2 USB3.0 + 2 USB2.0
Power	AC100~240V(+/-10%), 20W	AC100~240V(+/-10%), 30W		USB	Weight	1.28Kg	Power	DC12V, 4A, 5W
Dimensions	442.0x276.0x51.5mm (17.4"x10.9"x2.0")	516.6x316.7x51.2mm (20.3"x12.5"x2.0")	Power Supply	DC12V/3.3A			Working Temperature	-10°C ~+55°C
Weight	2.8kg(6.2lb)	3.8 kg(8.4lb)	Highlights	Control Mode			Working Humidity	10%~95%
				4K & H.265 decoding, Fisheye adjustment			Dimension	Host: 425mmx193.6mmx53.61mm (WxDxH) (height: exclude joystick) Mini Keyboard: 420.97mmx105mmx19.7mm (WxDxH)
							Weight	<2KG (exclude package)

Smart PSS

Smart Professional Surveillance System

Dahua Security Management Platform



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

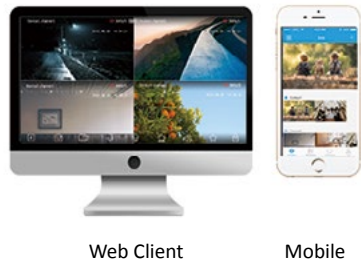
Monitor Anything with Your SmartPhone or Tablet Anytime, Anywhere



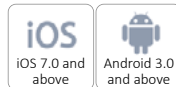
Devices	Supported Devices	DVR, NVR, IPC, VTO, Alarm
	Add Device Method	Initialization, IP/domain, SN, Import from cloud
	Features	Remote config, Alarm config, HDD info, Share device list
Video	Compression Format	H.265/H.264/MPEG-4/JPEG
	Display Resolution	Up to 1920 x 1080
Live Preview	Max. Channels 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

Easy4ip Cloud

The most user-friendly surveillance cloud platform



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



Live streaming from mobile device or PC
Monitor anytime, anywhere



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



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



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



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



Security
Several security policies to secure your personal data

DORI Distance (D/O/R/I)

Find the Optimal Camera for Your Individual Surveillance Needs

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

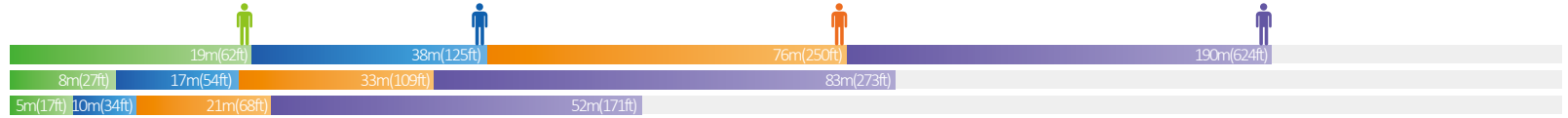
- Detect: 25ppm
- Observe: 63ppm
- Recognize: 125ppm
- Identify: 250ppm

HDCVI CAMERA

Ultra Series

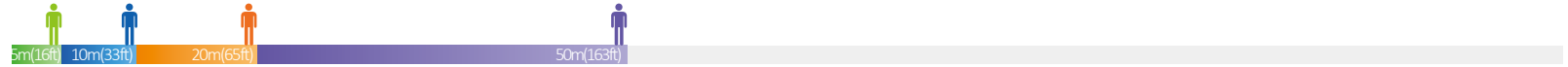
3802 Series

- 3.7~11mm (T)
- 3.7~11mm (W)
- 2.5mm (Fisheye)



3601 Series

- 3.6mm



3231 Series

- 2.7~12mm (T)
- 2.7~12mm (W)



3201 Series

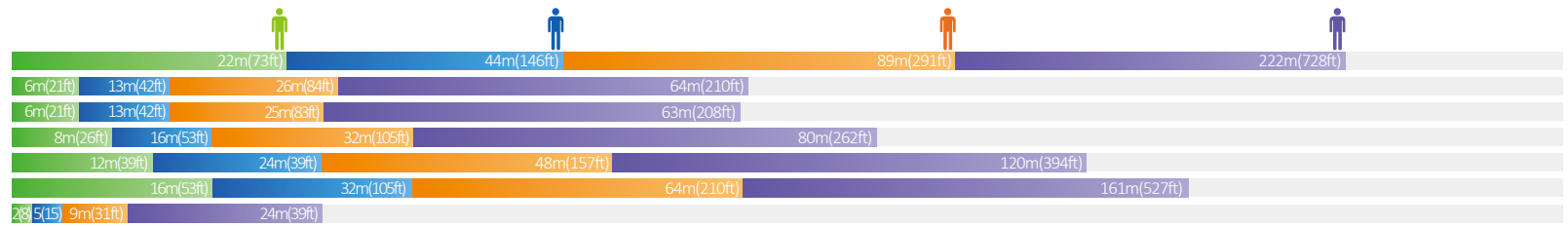
- 2.8mm (Pinhole)
- 3.6mm (Pinhole)



Pro Series

2401 Series

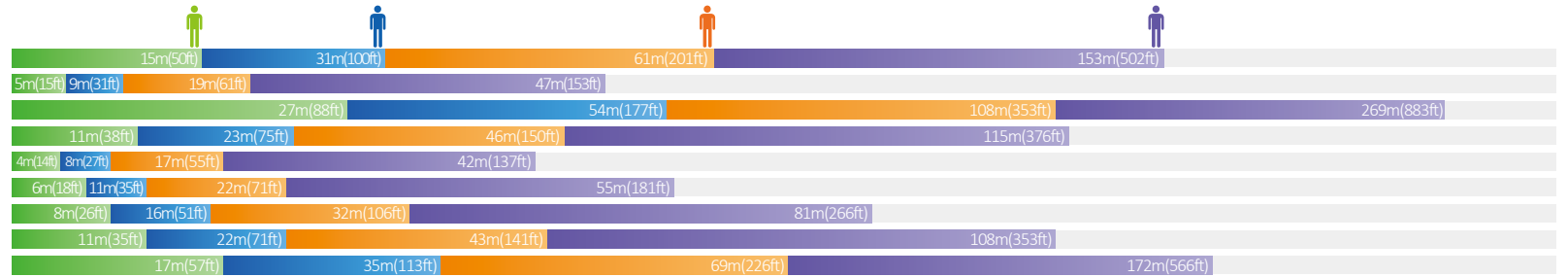
- 2.7~13.5mm(T)
- 2.7~13.5mm(W)
- 2.8mm
- 3.6mm
- 6mm
- 8mm
- 1.18 (Fisheye)



DORI Distance (D/O/R/I)

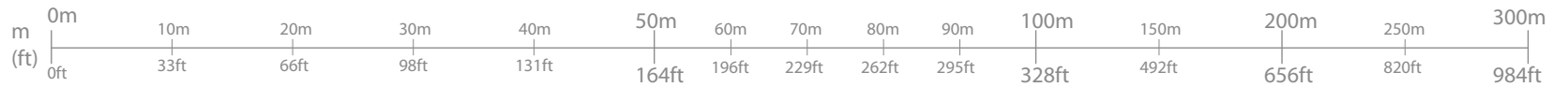
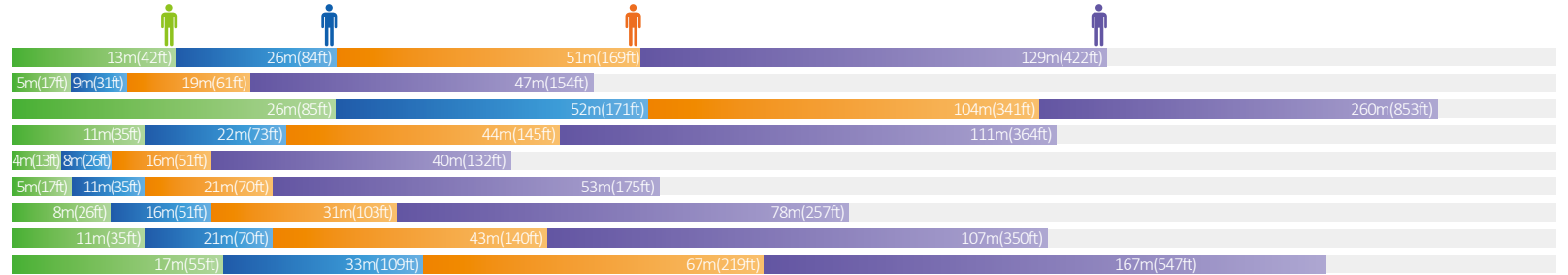
2231 Series

- 2.7~13.5mm(T)
- 2.7~13.5mm(W)
- 7~22mm(T)
- 7~22mm(W)
- 2.8mm
- 3.6mm
- 6mm
- 8mm
- 12mm



2221 Series

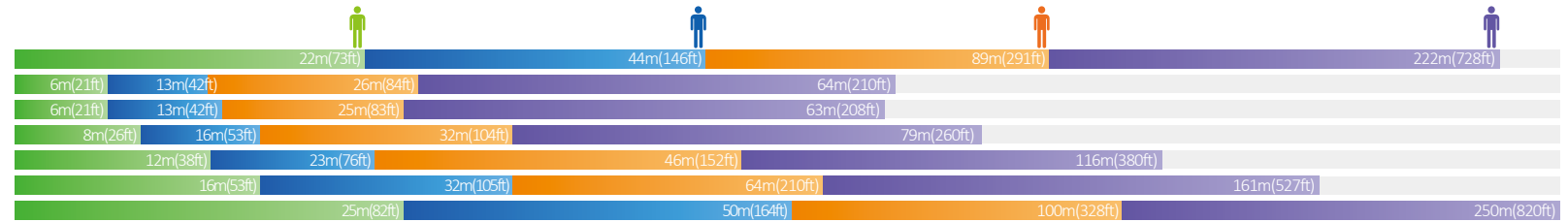
- 2.7~12mm(T)
- 2.7~12mm(W)
- 7~22mm(T)
- 7~22mm(W)
- 2.8mm
- 3.6mm
- 6mm
- 8mm
- 12mm



Lite Series

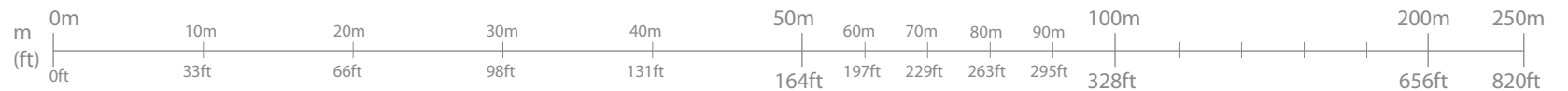
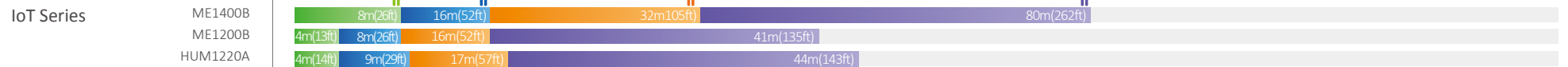
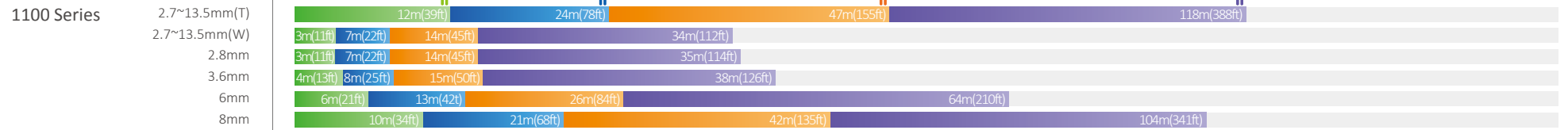
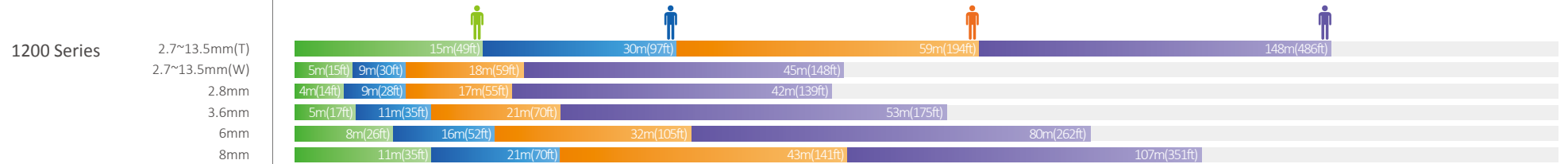
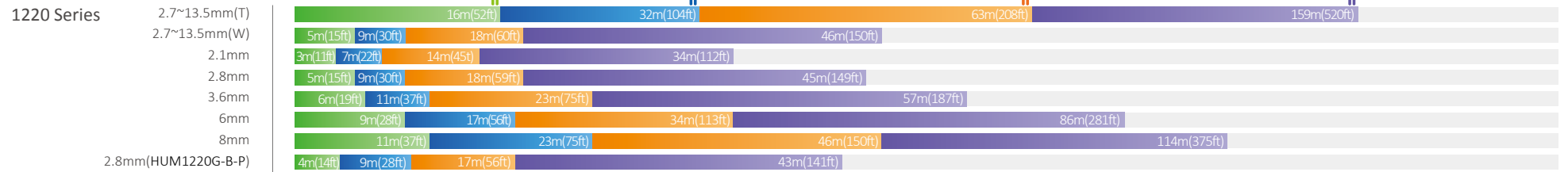
1400 Series

- 2.7~13.5mm(T)
- 2.7~13.5mm(W)
- 2.8mm
- 3.6mm
- 6mm
- 8mm
- 12mm



DORI Distance (D/O/R/I)

Lite Series



DORI Distance (D/O/R/I)

HDCVI PTZ CAMERA

Pro Series

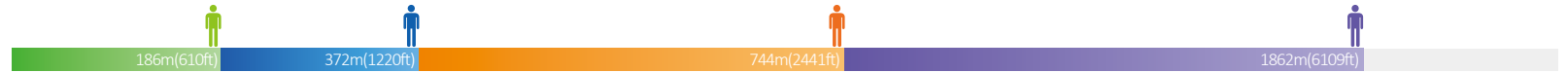
SD6C/60/59/50/52C430I-HC



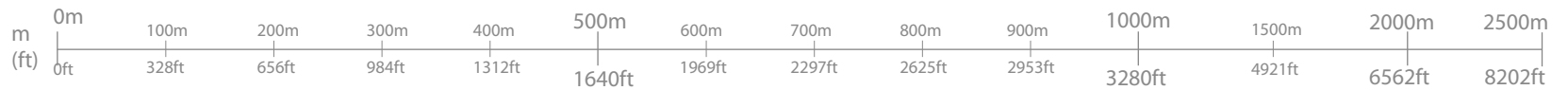
SD6AE/65F230IA-HC



SD6C/60/59/50/52C230I-HC



SD6C/60/59/50/52C225I-HC
SD6C/60/59/50/52C131I-HC



Lite Series

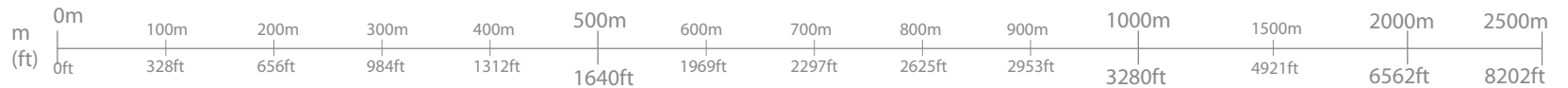
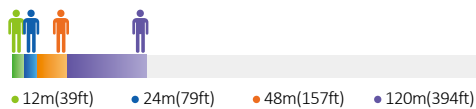
SD49225I-HC, SD49131I-HC



SD49/40/42/42C212I-HC
SD49/40/42/42C116I-HC



SD22204I-GC





QUALITY BY DESIGN

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* Design and specifications are subject to change without notice.

HDCVI Product Selection V3 - 01, Jul 2017



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