HDCVI PRODUCT SELECTION

HDCVI Cameras / PTZ / Recorders / Accessories / Video Management Software / DORI Distance

2018 Ver. H2

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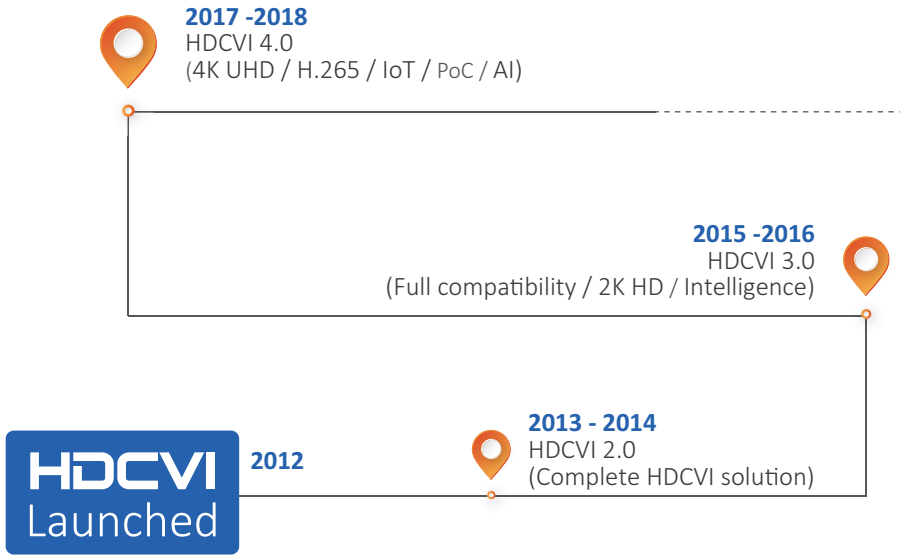
HDCVI TECHNOLOGY



In 2012, Dahua led the industry in launching HDCVI Technology and continues to enhance its technology leadership by bringing state of the art performance in terms of resolution, light sensitivity, intelligence, and usability to the HDCVI community. With a mission of "Enabling a safer society and smarter living", Dahua will keep on providing more opportunities to customers as well as improve its services with innovations and technological advancements.

"HDCVI is an over-coaxial cable video transmission standard that provides reliable long-distance HD video transmission for a wide range of application scenarios at a friendly cost. Here are the main benefits of HDCVI:"

4 Signals

Video/Audio/Data/Power over one cable

Long Distance

Long distance transmission:
Coaxial Cable: Up to 1200m
UTP: Up to 450m

High Resolution

4K/6MP/5MP/4MP
1080P/720P

Seamless Upgrade

Compatible with existing coaxial cable, protecting your investment.
Penta-brid (HDCVI/AHD/TVI/CVBS/IP)
Seamless upgrade from traditional analog systems;

HDCVI-AI

DeepSense series products adopt the most advanced AI technologies, including deep learning algorithm that primarily targets people and vehicles, which provides higher flexibility and accuracy for end-users. Beyond seeing the world, the power of AI allows devices to perceive the environment and understand the world in a better way.

Face Recogniton

The face recognition function is to determine whether faces detected are present in the face database, by which users can achieve more accurate realtime monitoring and quick face target search.

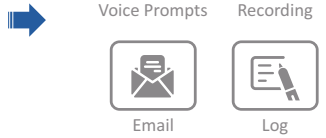
• Black List Alarm

Accurately matching the suspect's face and triggering the emergency alarm replaces 24-hour manual monitoring to save labor costs.

• VIP Recognition

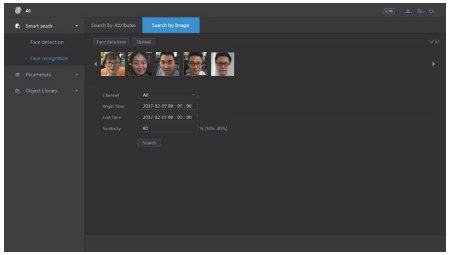
It enables rapid identification of VIP clients in the system and assist operators to provide accurate and timely value-added services for VIP clients to improve customers' satisfaction.

1：N



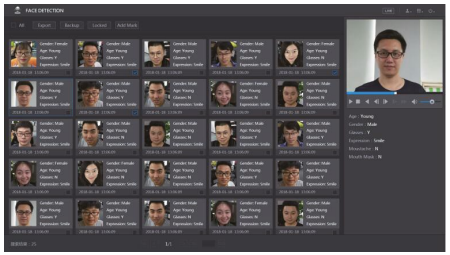
• Face Search

Upload face image from external device or face database, then the related face image and video will be displayed. This function is used for fast target searching.



Metadata Search

Face Metadata is feature attribute information extracted from a human face like gender, age, glasses, moustache, expression etc. It is helpful to narrow down a query based on the feature search.



4K Ultra High Definition

4K features 4 times the resolution of 1080P. Therefore, 4K products present images with impressive clarity and abundant details. As the first technology to release 4K-over-coax, HDCVI again leads the industry with a new and complete 4K product series which better fits the needs of various application and projects with different scales and budgets, enabling 4K to prevail in the market.

Provides crystal-clear details even during digital zoom with 4x pixels more than 2MP video surveillance.

Starlight+

Performance under low illumination is a common challenge faced by the surveillance industry. The HDCVI 4K series adopts an up to 4/3" large sensor and advanced image processing technology to ensure high performance even under ultra-low light conditions.

- Large aperture combined with big pixel size (4.63μm) ensures Starlight+ performance.
- Excellent full color image quality even under low illumination.

Non-Starlight | Starlight | Starlight+

H.265+

HDCVI-H.265+ technology, an intelligent video compression algorithm developed by Dahua, has been released with the goal of broadening the application scope of 4K/4MP UHD devices in the video surveillance industry. HDCVI-H.265+ smart codec can save up to 90% on bandwidth and video storage usage while ensuring high image quality.

Advanced Bit Rate Control

Scene adaptive encoding strategy

Video Encoding Based on Video Content Analytics

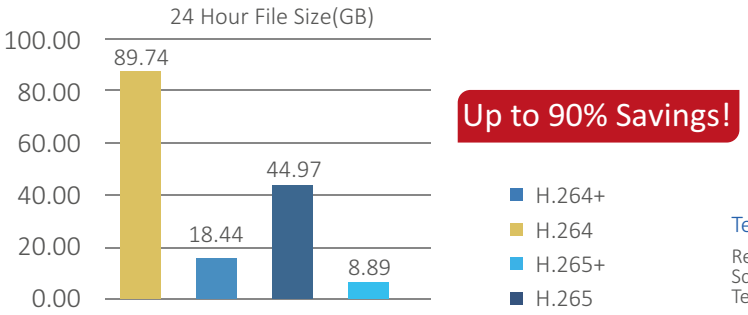
Dynamic ROI & dynamic GOP
Flexible reference frame structure

Noise Suppression Technology

Adopts various noise reduction levels

24 Hour Testing

In a day of testing, HDCVI-H.265+ saved up to 90% storage space on average compared with H.264.



Testing environment

Resolution : 4K@15fps
Scenario : Outdoor
Test time : 24 hour

Panorama

The new HDCVI 4K series offers panoramic cameras to be used over existng coaxial cable infrastructure for the first time ever, enabling a cost-effective solution for large area surveillance with a simple upgrade from legacy infrastructure.

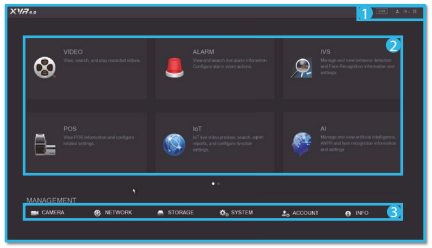
- Multi-sensor model offers 180° panoramic view & simultaneous 3x2MP images.

- 8MP Fisheye with 360° panoramic view and 10 dewarping modes on XVR or VMS is the perfect choice for large area surveillance.

Brand New GUI-XVR4.0

After over a year of design and development, the next generation GUI interface, XVR4.0, will be released together with HDCVI-H.265 products. Beautiful and simple, XVR4.0 ensures perfect display.

- Color schemes, flat interface, and visual icons present a user-friendly experience
- Integrated functional modules and logic to simplify user operation and enhance product competitiveness



1 Navigation bar

Live view, User, Logout, QR code.

2 Business module

Video, Alarm, IVS, etc.
Supports page turning

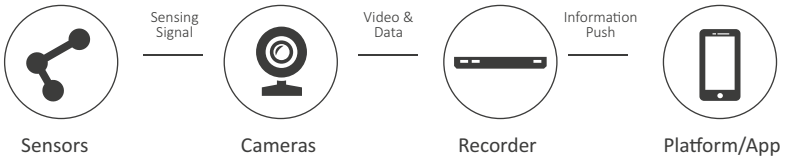
3 Management module

Camera, Network, System, and other settings

IoT

HDCVI-IoT is a comprehensive system linking HDCVI video, audio and data with sensor info such as temperature, humidity, and alarms to warn potential risks and to provide alarm visual verifications.

Simple HDCVI-IoT system diagram:



- Collects temperature & humidity info to enhance process efficiency
- Integrates wireless sensors to sound alarm in real time
- Alarm visual verification with HDCVI video, audio and data
- Accurate intrusion detection based on both PIR & motion
- XVR with centralized IoT management, data reports and friendly UI
- Easy HDCVI system deployment saves costs

Visual alarm verification

The capture of negligible movements occupies storage space, and can result in overreactions and waste of labor and resources. Video & PIR Dual-detect can improve the accuracy of motion detection triggering which plays an auxiliary role to filter false alarms caused by indifferent objects and saves the video storage.

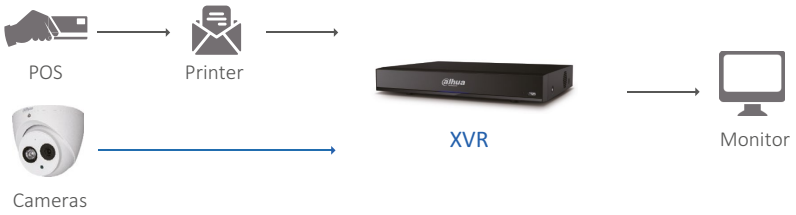
Integrate video with sensor info

With HDCVI-IoT, a climate-controlled warehouse is able to prevent theft while monitoring storage conditions, and alerts about events like sudden intrusion or rising temperature are all accompanied with video for verification. Warehouses already equipped with analog systems can be easily upgraded to HDCVI-IoT at little cost.

POS 2.0

The H.265 XVR series integrates POS (Point of Sale) functionality with video to record business information, identify problems, and provide evidence for disputes for retail applications. Video and corresponding POS information can be shown simultaneously in both live and playback mode. The system also supports accurate search and fuzzy search to find bills and associated recordings.

POS Integration at XVR

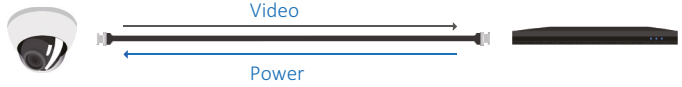


PoC

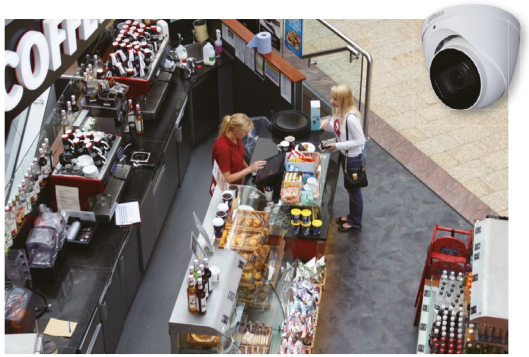
PoC (Power over Coax) transmits both video and electrical power over a single coaxial cable. HDCVI PoC technology further simplifies HDCVI system deployment, reducing time and cost. Long distance transmission capability guarantees up to 400m for 1080P and 300m for 4MP transmission.

Conventional System:

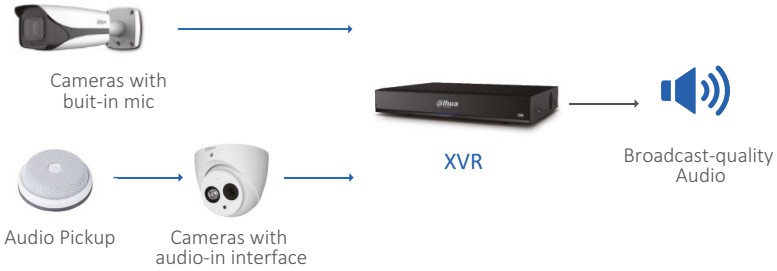
PoC System:



Broadcast-quality Audio



Audio info supplies supplementary evidence to video surveillance, and can be used to settle disputes. In applications where conflicts occur, such as checkout counters, loud and clear audio can be useful to uncover reasons for the event. HDCVI offers multiple models supporting audio-in interface or built-in mic. Taking advantage of innovative lossless audio-over-coax transmission technology and advanced noise reduction algorithms, HDCVI is now able to provide users an enjoyable experience with newly released broadcast-quality audio.



*All Fighter series cameras are equipped with audio-in interface, which can connect to pickup. Built-in mic is also supported on select models.

HDCVI CAMERAS

HDCVI CAMERAS

Ultra Series

The Ultra Series is an ideal option for surveillance professionals committed to introducing top-level performance into coaxial systems. HDCVI 4K cameras are the first in the industry to enable 4K resolution over coaxial cable. In addition, multi-lens and fisheye cameras allow for the replacement of multiple cameras, greatly simplifying system installation and maintenance.

KEY FEATURES

High Resolution
Up to 4K resolution ensures high image quality

Superior Image
Starlight / Ultra 140dB WDR provides clear image under extreme light conditions

Wide Selection
Multi-lens and fisheye cameras can replace multiple cameras, saving on costs

Project-oriented
Audio-in, alarm in/out interfaces and IP67/IK10 protection to better meets project requirements.

Ultra Series

	4K Starlight			
Model	HAC-HF3805G	HAC-HFW3802E-Z/ZH-VP	HAC-HDBW3802E-Z/ZH	HAC-EBW3802
Appearance	Ultra Starlight	Starlight	Starlight	Starlight
Image Sensori	4/3" 8MP STARVIS™ CMOS	1/2" 8MP CMOS	1/2" 8MP CMOS	1/2" 8MP CMOS
Min. Illumination	0.001Lux/F1.2 (Color)	0.005Lux/F1.5 (Color) 0Lux/F1.5 (IR On)	0.005Lux/F1.5 (Color) 0Lux/F1.5 (IR On)	0.005Lux/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°~85° 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. 6.4W	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. 7.4W

HDCVI CAMERAS

Ultra Series

	Multi-sensor	1080P Starlight				Pinhole
Model	HAC-PFW3601-A180	HAC-HF3231E(-T)	HAC-HFW3231E-Z12	HAC-HFW3231E-Z(T)/ZH	HAC-HDBW3231E-Z(T)/ZH	HAC-HUM3201B
Appearance	Starlight	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	1/2.8" 2MP STARVIS™ CMOS
Min. Illumination	0.005Lux/F1.8 (Color) 0Lux/F1.8 (IR On)	0.005Lux/F1.2 (Color) 0.0005Lux/F1.2 (B/W)	0.005Lux/F1.6 (Color) 0Lux/F1.6 (IR On)	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	5.3~64mm Motorized, 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°	-	58°~5°	95°~36°	95°~36°	92°(103°)
Day/Night	ICR	ICR	ICR	ICR	ICR	Electronic
Max. IR Distance	20m (66ft), Smart IR	-	100m (328ft), Smart IR	100m (328ft), Smart IR	50m (164ft), 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	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 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	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	1	-
Alarm In/Out	2/1	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°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~355°; Tilt: 0°~85° Rotation: 0°~355°	Pan: 0°~360°; Tilt: 0°~180° Rotation: NA
Ingress Protection	IP67, IK10	-	IP67, IK10	IP67, IK10	IP67, IK10	-
Working Temperature	-30°C~ +60°C (-22°F ~ +140°F)	-30°C~ +60°C (-22°F ~ +140°F)	-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. 22W)	AC24V±25%/DC12V±25% Max. 4.7W	AC24V±25%/DC12V±25% Max. 15.6W	AC24V±25%/DC12V±25% Max. 16.6W	AC24V±25%/DC12V±25% Max. 12.5W	DC12V±25% Max. 1.2W

HDCVI CAMERAS

Pro Series

The Pro Series is a perfect choice for mid to large-scale businesses and projects where both high reliability and flexibility are required. The Pro Series provides various motorized/fixed lens models for both indoor and outdoor applications. All cameras are built to provide a high quality image with clear details and accurate colors.

KEY FEATURES

Optimized Image
Starlight / 120dB WDR provides clear image under tough light conditions

High Definition
Up to 4K/6MP resolution presents more details

Wide Selection
10+ fixed / motorized lens models available to fit any scenario

Audio
In-house ISP "Fighter" delivers superior high quality audio to collect supplementary evidence

Pro Series

	4K Starlight				
Model	HAC-HFW2802T-Z-A(-DP)	HAC-HDBW2802R-Z(-DP)	HAC-HDW2802T-Z-A(-DP)	HAC-HFW2802T-I8-A	HAC-HFW2802E-A
Appearance	Starlight Fighter	Starlight Fighter	Starlight Fighter	Starlight Fighter	Starlight Fighter
Image Sensor	1/2" 8MP CMOS	1/2" 8MP CMOS	1/2" 8MP CMOS	1/2" 8MP CMOS	1/2" 8MP CMOS
Min. Illumination	0.005Lux/F1.5(Color) 0Lux/F1.5(IR on)	0.005Lux/F1.5(Color) 0Lux/F1.5(IR on)	0.005Lux/F1.5(Color) 0Lux/F1.5(IR on)	0.005Lux/F1.6(Color) 0Lux/F1.6(IR on)	0.005Lux/F1.6(Color) 0Lux/F1.6(IR on)
Lens	3.7-11mm, Motorized	3.7-11mm, Motorized	3.7-11mm, Motorized	3.6mm (6mm Optional)	3.6mm (2.8mm, 6mm Optional)
FOV-H	112°~46°	112°~46°	112°~46°	87°(55°)	87°(110.8°/55°)
Day/Night	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	80m (262ft), Smart IR	30m (98ft), Smart IR	60m (197ft), Smart IR	80m (262ft), Smart IR	40m (131ft), 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	15fps@4K, 20fps@6MP 30fps@4MP	15fps@4K, 20fps@6MP 30fps@4MP	15fps@4K, 20fps@6MP 30fps@4MP	15fps@4K, 20fps@6MP 30fps@4MP	15fps@4K, 20fps@6MP 30fps@4MP
Video Output	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable
Audio In	1ch in & Built-in Mic	1	1ch in & Built-in Mic	1ch in & Built-in Mic	1ch in & Built-in Mic
Alarm In/Out	-	-	-	-	-
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~90° 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°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°
Ingress Protection	IP67	IP67, IK10	IP67	IP67	IP67
Working Temperature	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)
Power	DC12V±30%, Max. 12.5W DC 12V±30%/AC 24V±30% Max. 15W(-DP) Output: DC12V, Max. 2W(-DP)	DC12V±30%, Max. 7W DC 12V±30%/AC 24V±30% Max. 8.4W(-DP) Output: DC12V, Max. 2W(-DP)	DC12V±30%, Max. 9.5W DC 12V±30%/AC 24V±30% Max. 12W(-DP) Output: DC12V, Max. 2W(-DP)	DC12V±30% Max. 11.3W	DC12V±30% Max. 7.5W

HDCVI CAMERAS

Pro Series

	4K Starlight		6MP				
Model	HAC-HDBW2802R	HAC-HDW2802T-A	HAC-HFW2601T-Z-A(-DP)	HAC-HDBW2601R-Z(-DP)	HAC-HDW2601T-Z-A(-DP)	HAC-HFW2601E-A	HAC-HDW2601T-A
Appearance	Starlight Fighter	Starlight Fighter	Fighter	Fighter	Fighter	Fighter	Fighter
Image Sensor	1/2" 8MP CMOS	1/2" 8MP CMOS	1/2.9" 6MP CMOS	1/2.9" 6MP CMOS	1/2.9" 6MP CMOS	1/2.9" 6MP CMOS	1/2.9" 6MP CMOS
Min. Illumination	0.005Lux/F1.6(Color) 0Lux/F1.6(IR on)	0.005Lux/F1.6(Color) 0Lux/F1.6(IR on)	0.01Lux/F1.6(Color) 0Lux/F1.6(IR on)	0.01Lux/F1.6(Color) 0Lux/F1.6(IR on)	0.01Lux/F1.6(Color) 0Lux/F1.6(IR on)	0.01Lux/F1.9(Color) 0Lux/F1.9(IR on)	0.01Lux/F1.9(Color) 0Lux/F1.9(IR on)
Lens	3.6mm (2.8mm Optional)	3.6mm (2.8mm, 6mm Optional)	2.7-13.5mm, Motorized	2.7-13.5mm, Motorized	2.7-13.5mm, Motorized	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)
FOV-H	87°(110.8°)	87°(110.8°/55°)	95.1°~25.7°	95.1°~25.7°	95.1°~25.7°	70°(96°/47.3°)	70°(96°/47.3°)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	30m (98ft), Smart IR	50m (164ft), Smart IR	80m (262ft), Smart IR	30m (98ft), Smart IR	60m (197ft), Smart IR	40m (131ft), 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	15fps@4K, 20fps@6MP 30fps@4MP	15fps@4K, 20fps@6MP 30fps@4MP	20fps@6MP, 30fps@4MP	20fps@6MP, 30fps@4MP	20fps@6MP, 30fps@4MP	20fps@6MP, 30fps@4MP	20fps@6MP, 30fps@4MP
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	1	1ch in & Built-in Mic	1ch in & Built-in Mic	1	1ch in & Built-in Mic	1ch in & Built-in Mic	1ch in & Built-in Mic
Alarm In/Out	-	-	-	-	-	-	-
Pan/Tilt/Rotation	Pan: 0°~355°; Tilt: 0°~75° Rotation: 0°~355°	Pan: 0°~360°; Tilt: 0°~78° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° 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°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~78° Rotation: 0°~360°
Ingress Protection	IP67, IK10	IP67	IP67	IP67, IK10	IP67	IP67	IP67
Working Temperature	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)
Power	DC12V±30% Max. 7W	DC12V±30% Max. 8W	DC12V±30%, Max. 12W DC 12V±30%/AC24V±30% Max. 15W(-DP) Output: DC12V, Max. 2W(-DP)	DC12V±30%, Max. 6.8W DC 12V±30%/AC24V±30% Max. 8.4W(-DP) Output: DC12V, Max. 2W(-DP)	DC12V±30%, Max. 9W DC 12V±30%/AC24V±30% Max. 11.5W(-DP) Output: DC12V, Max. 2W(-DP)	DC12V±30% Max. 6.8W	DC12V±30% Max. 7.5W

HDCVI CAMERAS

Pro Series

	5MP Starlight						
Model	HAC-HFW2501T-Z-A(-DP)	HAC-HDBW2501R-Z(-DP)	HAC-HDW2501T-Z-A(-DP)	HAC-HFW2501T-I8-A	HAC-HFW2501E-A	HAC-HFW2501S	HAC-HDBW2501E
Appearance	Starlight Fighter	Starlight Fighter	Starlight Fighter	Starlight Fighter	Starlight Fighter	Starlight Fighter	Starlight Fighter
Image Sensor	1/2.8'' 5MP STARVIS™ CMOS	1/2.8'' 5MP STARVIS™ CMOS	1/2.8'' 5MP STARVIS™ CMOS	1/2.8'' 5MP STARVIS™ CMOS	1/2.8'' 5MP STARVIS™ CMOS	1/2.8'' 5MP STARVIS™ CMOS	1/2.8'' 5MP 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/F1.6(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	2.7~13.5mm,Motorized	2.7~13.5mm,Motorized	2.7~13.5mm,Motorized	3.6mm (6mm, 8mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm Optional)
FOV-H	102°~29°	102°~29°	102°~29°	79°(49.5°/38°)	79°(98°/49.5°)	79°(98°/49.5°)	79°(98°)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	80m (262ft), Smart IR	30m (98ft), Smart IR	60m (197ft), Smart IR	80m (164ft), Smart IR	40m (131ft), 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	20fps@5MP 30fps@4MP, 30fps@1080P	20fps@5MP 30fps@4MP, 30fps@1080P	20fps@5MP 30fps@4MP, 30fps@1080P	20fps@5MP 30fps@4MP, 30fps@1080P	20fps@5MP 30fps@4MP, 30fps@1080P	20fps@5MP 30fps@4MP, 30fps@1080P	20fps@5MP 30fps@4MP, 30fps@1080P
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	1ch in & Built-in Mic	1	1ch in & Built-in Mic	1ch in & Built-in Mic	1ch in & Built-in Mic	1	1
Alarm In/Out	-	-	-	-	-	-	-
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~90° 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°~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, IK10	IP67	IP67	IP67	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)	-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±30%, Max. 12.4W DC12V±30%/AC24V±30% Max. 17.2W(-DP) Output: DC12V, Max. 2W(-DP)	DC12V±30%, Max. 8.8W DC12V±30%/AC24V±30% Max. 11.8W(-DP) Output: DC12V, Max. 2W(-DP)	DC12V±30%, Max. 10W DC12V±30%/AC24V±30% Max. 14.1W(-DP) Output: DC12V, Max. 2W(-DP)	DC12V±30% Max. 10W	DC12V±30% Max. 7W	DC12V±30% Max. 6.4W	DC12V±30% Max. 5.3W

HDCVI CAMERAS

Pro Series

	5MP Starlight		4MP			
Model	HAC-HDW2501T-A	HAC-HDW2501M	HAC-HFW2401R-Z-IRE6	HAC-HDBW2401R-Z	HAC-HDW2401R-Z	HAC-HFW2401D
Appearance	Starlight Fighter	Starlight Fighter				
Image Sensor	1/2.8'' 5MP STARVIS™ CMOS	1/2.8'' 5MP STARVIS™ CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS
Min. Illumination	0.005Lux/F1.6(Color) 0Lux/F1.6(IR on)	0.005Lux/F1.6(Color) 0Lux/F1.6(IR on)	0.01Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.01Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.01Lux/F1.3 (Color) 0Lux/F1.3 (IR On)	0.01Lux/F1.5 (Color) 0Lux/F1.5 (IR On)
Lens	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)	2.7~13.5mm, Motorized	2.7~13.5mm, Motorized	2.7~13.5mm, Motorized	3.6mm (6mm, 8mm Optional)
FOV-H	79°(98°/49.5°)	79°(98°/49.5°)	98°~26°	98°~26°	98°~26°	79°(48.6°/32.9°)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	50m (164ft), Smart IR	30m (98ft), Smart IR	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	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	20fps@5MP, 30fps@4MP 30fps@1080P	20fps@5MP, 30fps@4MP 30fps@1080P	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 Switchable	HD/SD Switchable	HD/SD Dual-output	HD/SD Dual-output	HD/SD Dual-output	HD/SD Dual-output
Audio In	1ch in & Built-in Mic	1	-	-	-	-
Alarm In/Out	-	-	-	-	-	-
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~78° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° 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°~78° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~87° Rotation: 0°~360°
Ingress Protection	IP67	IP67	IP67	IP67, IK10	IP67	IP67
Working Temperature	-40°C~+60°C (-40°F~+140°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)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)
Power	DC12V±30% Max. 7W	DC12V±30% Max. 5.3W	DC12V±25%, Max. 11.1W	DC12V±25%, Max. 7.5W	DC12V±25%, Max. 8.4W	DC12V±25% Max. 6W

HDCVI CAMERAS

Pro Series

	4MP			
Model	HAC-HFW2401E	HAC-HDBW2401E	HAC-HDW2401EM(-A)	HAC-EB2401
Appearance				
Image Sensor	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/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)	1.18mm
FOV-H	79°(99.7°/48.6°)	79°(99.7°/48.6°)	79°(99.7°/48.6°)	180°
Day/Night	ICR	ICR	ICR	Electronic
Max. IR Distance	40m (131ft), Smart IR	30m (98ft), Smart IR	50m (164ft), 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	-	-	Built-in Mic(-A)	-
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°~360°; Tilt: 0°~78° Rotation: 0°~360°	-
Ingress Protection	IP67	IP67, IK10	IP67	IK10
Working Temperature	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)
Power	DC12V±25% Max. 5.9W	DC12V±25% Max. 4.4W	DC12V±25% Max. 5.5W	DC12V±25% Max. 2.4W

HDCVI CAMERAS

Pro Series

1080P Starlight

Model	HAC-HFW2241T-Z-A	HAC-HDBW2241R-Z	HAC-HDW2241T-Z-A	HAC-HFW2241T-I8-A	HAC-HFW2241E-A	HAC-HDBW2241F-A	HAC-HDW2241T-A	HAC-HDW2241M-E2
Appearance	Starlight Fighter	Starlight Fighter	Starlight Fighter	Starlight Fighter	Starlight Fighter	Starlight Fighter	Starlight Fighter	Starlight Fighter
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	2×1/2.8" 2MP STARVIS™ CMOS
Min. Illumination	0.004Lux/F1.6 (Color) 0Lux/F1.6 (IR On)	0.004Lux/F1.6 (Color) 0Lux/F1.6 (IR On)	0.004Lux/F1.6 (Color) 0Lux/F1.6 (IR On)	0.004Lux/F1.6 (Color) 0Lux/F1.6 (IR On)	0.004Lux/F1.6 (Color) 0Lux/F1.6 (IR On)	0.004Lux/F1.6 (Color) 0Lux/F1.6 (IR On)	0.004Lux/F1.6 (Color) 0Lux/F1.6 (IR On)	0.004Lux/F1.6 (Color) 0Lux/F1.6 (IR On)
Lens	2.7~13.5mm, Motorized	2.7~13.5mm, Motorized	2.7~13.5mm, Motorized	3.6mm (6mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm Optional)	3.6mm (2.8mm, 6mm Optional)	2×3.6mm (2.8mm, 6mm Optional)
FOV-H	108.7°~28.7°	108.7°~28.7°	108.7°~28.7°	86.9°(52.8°)	86.9°(110°/52.8°)	86.9°(110°)	86.9°(110°/52.8°)	Single View: 86.9°(110°/52.8°)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	80m (262ft), Smart IR	30m (98ft), Smart IR	60m (197ft), Smart IR	80m (262ft), Smart IR	40m (131ft), Smart IR	20m (66ft), Smart IR	50m (164ft), 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	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB
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	Single View: 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	1ch in & Built-in Mic	1	1ch in & Built-in Mic	1ch in & Built-in Mic	1ch in & Built-in Mic	1ch in & Built-in Mic	1ch in & Built-in Mic	1
Alarm In/Out	-	-	-	-	-	-	-	-
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~90° 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°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	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° (For Each)
Ingress Protection	IP67	IP67, IK10	IP67	IP67	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)	-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±30%, Max. 8.2W	DC12V±30%, Max. 4.7W	DC12V±30%, Max. 5.4W	DC12V±30% Max. 10.1W	DC12V±30% Max. 6.7W	DC12V±30% Max. 3.6W	DC12V±30% Max. 5.4W	1×DC12V±30% Max. 9.2W

HDCVI CAMERAS

Lite Series

The Lite Series is suitable for users who want high quality at an affordable price. It features a superior cost/performance suitable for residential and small-medium business applications. The series offers a wide range of resolutions with motorized/fixed lens options to fit every scenario.

KEY FEATURES

High Performance
Advanced in-house ISP delivers high quality image, HD/SD output

Compact Design
Flexible and can fit in a number of places

Cost-Effective
Performance and quality are combined at an affordable price

Audio over Coax
Built-in mic collects supplementary audio evidence

Lite Series

	5MP					
Model	HAC-HFW1500R-Z-IRE6-A	HAC-HDBW1500R-Z	HAC-HDW1500T-Z-A	HAC-HFW1500D	HAC-HFW1500T(-A)	HAC-HDW1500M
Appearance	Cruiser	Cruiser	Cruiser	Cruiser	Cruiser	Cruiser
Image Sensor	1/2.7" 5MP CMOS	1/2.7" 5MP CMOS	1/2.7" 5MP CMOS	1/2.7" 5MP CMOS	1/2.7" 5MP CMOS	1/2.7" 5MP CMOS
Min. Illumination	0.02Lux/F1.8 (Color) 0Lux/F1.8 (IR On)	0.02Lux/F1.8 (Color) 0Lux/F1.8 (IR On)	0.02Lux/F1.8 (Color) 0Lux/F1.8 (IR On)	0.02Lux/F1.85 (Color) 0Lux/F1.85 (IR On)	0.02Lux/F1.85 (Color) 0Lux/F1.85 (IR On)	0.02Lux/F1.85 (Color) 0Lux/F1.85 (IR On)
Lens	2.7-12mm, Motorized	2.7-12mm, Motorized	2.7-12mm, Motorized	3.6mm (6mm, 8mm Optional)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)
FOV-H	97.6°~31.2°	97.6°~31.2°	97.6°~31.2°	77.5°(49°/37°)	77.5°(98°/49°)	77.5°(98°/49°)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	60m (197ft), Smart IR	30m (98ft), Smart IR	60m (197ft), Smart IR	80m (262ft), Smart IR	30m (98ft), Smart IR	30m (98ft), 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	20fps@5MP 30fps@4MP, 30fps@1080P	20fps@5MP 30fps@4MP, 30fps@1080P	20fps@5MP 30fps@4MP, 30fps@1080P	20fps@5MP 30fps@4MP, 30fps@1080P	20fps@5MP 30fps@4MP, 30fps@1080P	20fps@5MP 30fps@4MP, 30fps@1080P
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	-	Built-in Mic	-	Built-in Mic(-A)	-
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°~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, IK10	IP67	IP67	IP67	IP67
Working Temperature	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-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±30% Max. 12.1W	DC12V±30% Max. 6.9W	DC12V±30% Max. 8.2W	DC12V±30% Max. 5.5W	DC 12V±30% Max. 3.7W	DC 12V±30% Max. 3.6W

HDCVI CAMERAS

Lite Series

	4MP						
Model	HAC-HFW1400R-VF-IRE6	HAC-HFW1400R-VF	HAC-HDBW1400R-VF	HAC-HDW1400R-VF	HAC-HFW1400D	HAC-HFW1400S	HAC-HFW1400S-POC
Appearance	Missile	Missile	Missile	Missile	Missile	Missile	PoC 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
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)	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	2.7~13.5mm, Manual	2.7~13.5mm, Manual	2.7~13.5mm, Manual	2.7~13.5mm, Manual	3.6mm (6mm, 8mm, 12mm Optional)	3.6mm (2.8mm, 6mm, 8mm Optional)	3.6mm (2.8mm, 6mm)
FOV-H	98°~26°	98°~26°	98°~26°	98°~26°	78°(48.6°/32.9°/23.6°)	78°(99.7°/48.6°/32.9°)	78°(99.7°/48.6°)
Day/Night	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	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	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	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
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°~360°; Tilt: 0°~90° 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
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. 7.6W	DC12V±25% Max. 4.6W	DC12V±25% Max. 4.1W	DC12V±25% Max. 4.6W	DC12V±25% Max. 5.2W	DC12V±25% Max. 4.6W	POC/DC12V±25% Max. 4.4W

HDCVI CAMERAS

Lite Series

4MP

Model	HAC-HFW1400T	HAC-HFW1400R	HAC-HDBW1400E	HAC-HDW1400EM	HAC-HDW1400EM-POC	HAC-HDW1400M	HAC-HDW1400R
Appearance	Missile	Missile	Missile	Missile	PoC 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
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)
Lens	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)	3.6mm (2.8mm, 6mm)	3.6mm (2.8mm, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)
FOV-H	78°(99.7°/48.6°)	78°(99.7°/48.6°)	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
Max. IR Distance	20m (66ft), Smart IR	20m (66ft), Smart IR	30m (98ft), Smart IR	50m (164ft), Smart IR	50m (164ft), 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
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	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
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°~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°
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)
Power	DC12V±25% Max. 3.2W	DC12V±25% Max. 3.2W	DC12V±25% Max. 3.6W	DC12V±25% Max. 4.1W	POC/DC12V±25% Max. 4.6W	DC12V±25% Max. 3.2W	DC12V±25% Max. 3.2W

HDCVI CAMERAS

Lite Series

1080P

Model	HAC-HFW1230R-Z-IRE6	HAC-HFW1200R-Z-IRE6	HAC-HDBW1200R-Z	HAC-HDW1230T-Z(-A)	HAC-HDW1200T-Z(-A)
Appearance	Starlight Cruiser	Cruiser	Cruiser	Starlight Cruiser	Cruiser
Image Sensor	1/2.8" 2MP STARVIS™ CMOS	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.7" 2MP CMOS
Min. Illumination	0.005Lux/F1.8 (Color) 0Lux/F1.8 (IR On)	0.02Lux/F1.8 (Color) 0Lux/F1.8(IR On)	0.02Lux/F1.8 (Color) 0Lux/F1.8(IR On)	0.005Lux/F1.8 (Color) 0Lux/F1.8(IR On)	0.02Lux/F1.8 (Color) 0Lux/F1.8(IR On)
Lens	2.7-12mm, Motorized	2.7-12mm, Motorized	2.7-12mm, Motorized	2.7-12mm, Motorized	2.7-12mm, Motorized
FOV-H	101.7°~32.3°	105.9°~33.4°	105.9°~33.4°	101.7°~32.3°	105.9°~33.4°
Day/Night	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	60m (197ft), Smart IR	60m (197ft), Smart IR	30m (98ft), Smart IR	60m (197ft), Smart IR	60m (197ft), Smart IR
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	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
Video Output	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)
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°~78° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~78° Rotation: 0°~360°
Ingress Protection	IP67	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)	-30°C~+60°C (-22°F ~ +140°F)
Power	DC12V±30% Max. 7.5W	DC12V±30% Max. 12.1W	DC12V±30% Max.8.2W	DC12V±30% Max. 7.5W	DC12V±30% Max. 6.9W

HDCVI CAMERAS

Lite Series

	1080P						
Model	HAC-HFW1230D	HAC-HFW1200D	HAC-HFW1200S	HAC-HFW1200S-POC	HAC-HFW1230T(-A)	HAC-HFW1200T(-A)	HAC-HFW1200R
Appearance	Starlight Cruiser	Cruiser	Cruiser	PoC Cannon	Starlight Cruiser	Cruiser	Cruiser
Image Sensor	1/2.8" 2MP STARVIS™ CMOS	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS
Min. Illumination	0.005Lux/F1.6 (Color) 0Lux/F1.6(IR On)	0.02Lux/F1.85 (Color) 0Lux/F1.85 (IR On)	0.02Lux/F1.85 (Color) 0Lux/F1.85 (IR On)	0.02Lux/F1.85 (Color) 0Lux/F1.85 (IR On)	0.005Lux/F1.6 (Color) 0Lux/F1.6(IR On)	0.02Lux/F1.85(Color) 0Lux/F1.85 (IR On)	0.02Lux/F1.85 (Color) 0Lux/F1.85 (IR On)
Lens	3.6mm (6mm, 8mm Optional)	3.6mm (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 Optional)	3.6mm (2.8mm, 6mm Optional)
FOV-H	86.9°(52.9°/40.5°)	87.5°(54.7°/41°)	87.5°(103°/54.7°)	89.9°(103°/54.7°)	86.9°(106°/52.9°)	87.5°(103°/54.7°)	87.5°(103°/54.7°)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	80m (262ft), Smart IR	80m (262ft), Smart IR	30m (98ft), Smart IR	30m (98ft), 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
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	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
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	-	-	-	-	Built-in Mic(-A)	Built-in Mic(-A)	-
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°
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)
Power	DC12V±30% Max. 5.6W	DC12V±30% Max. 5.4W	DC12V±30% Max. 4.3W	POC/DC12V±25% Max. 4.2W	DC12V±30% Max. 3.7W	DC12V±30% Max. 3.6W	DC12V±30% Max. 3.3W

HDCVI CAMERAS

Lite Series

	1080P				
Model	HAC-HDW1230EM(-A)	HAC-HDW1200EM(-A)	HAC-HDW1200EM-POC	HAC-HDW1230M	HAC-HDW1200M
Appearance	Starlight Cruiser	Cruiser	PoC Cannon	Starlight Cruiser	Cruiser
Image Sensor	1/2.8" 2MP STARVIS™ CMOS	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.7" 2MP CMOS
Min. Illumination	0.005Lux/F1.6 (Color) 0Lux/F1.6(IR On)	0.02Lux/F1.85 (Color) 0Lux/F1.85 (IR On)	0.02Lux/F1.85 (Color) 0Lux/F1.85 (IR On)	0.005Lux/F1.6 (Color) 0Lux/F1.6(IR On)	0.02Lux/F1.85 (Color) 0Lux/F1.85 (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, 6mm Optional)	3.6mm (2.8mm, 6mm Optional)
FOV-H	86.9°(106°/52.9°)	87.5°(103°/54.7°)	89.9°(103°/54.7°)	86.9°(106°/52.9°)	87.5°(103°/54.7°)
Day/Night	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	50m (164ft), 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
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	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
Video Output	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)	-	-	-
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°~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	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)
Power	DC12V±30% Max. 4.7W	DC12V±30% Max. 3.6W	POC/DC12V±25% Max. 3.4W	DC12V±30% Max. 3.5W	DC12V±30% Max. 3.3W

HDCVI CAMERAS

Lite Series

	1080P				
Model	HAC-HDW1200R	HAC-HDW1220G	HAC-HDW1200L	HAC-HUM1220G(-B)	HAC-HUM1220G-B-P
Appearance	Cruiser	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	1/2.9" 2MP CMOS
Min. Illumination	0.02Lux/F1.85 (Color) 0Lux/F1.85 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F1.85 (Color) 0Lux/F1.85 (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 Optional)	3.6mm (6mm Optional)	2.1mm	3.6mm (2.8mm Optional)	2.8mm
FOV-H	87.5°(103°)	82.8°(51°)	139°	92°(109.4°)	100.5°
Day/Nightt	ICR	ICR	ICR	Electronic	Electronic
Max. IR Distance	20m (66ft), Smart IR	20m (66ft), Smart IR	3m(10ft), Smart IR	-	-
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	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
Video Output	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable
Audio In	-	Built-in Mic	Built-in Mic	-	-
Alarm In/Out	-	-	-	-	-
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~80° Rotation: 0°~360°	Pan: 0°~40°; Tilt: 0°~55° Rotation: 0°~360°	Pan:0°~360°; Tilt: 0°~90° Rotation: 0°~360°(-B)	Pan:0°~360°; Tilt: 0°~90° Rotation: 0°~360°
Ingress Protection	-	IP67	-	IP67	-
Working Temperature	-40°C~+55°C (-40°F ~ +131°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±30% Max. 3.3W	DC12V±25% Max 2.9W	DC12V±25% Max. 1.5W	DC12V±25% Max. 0.6W	DC12V±25% Max. 0.6W

HDCVI CAMERAS

Cooper Series

Cooper series offers simple and highly cost effective HDCVI solution. It meets the requirement of 24/7 reliable monitoring with high image performance, and saves budget for customers on both device and labor. Also, Cooper is well guaranteed by Dahua quality standard.

KEY FEATURES

Reliable Monitoring
Bright and clear image with rich details day and night

Simplicity
Real plug & play, easy to install, time and labor saving

Dahua Quality
Fully in line with Dahua's quality assurance standard

Cost-Effective
Competitive price for SMB applications

Cooper Series

	1080P	
Model	HAC-B2A21	HAC-T2A21
Appearance	Cruiser	Cruiser
Image Sensor	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS
Min. Illumination	0.04Lux/F1.85 (Color) 0Lux/F1.85 (IR On)	0.04Lux/F1.85 (Color) 0Lux/F1.85 (IR On)
Lens	3.6mm (6mm Optional)	3.6mm (2.8mm, 6mm Optional)
FOV-H	93°(54.7°)	93°(103°/54.7°)
Day/Night	ICR	ICR
Max. IR Distance	20m(66ft), Smart IR	20m(66ft), Smart IR
OSD Menu	Multi-language	Multi-language
WDR	DWDR	DWDR
Noise Reduction	2D	2D
Frame Rate	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P
Video Output	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°~78° Rotation: 0°~360°
Ingress Protection	IP67	IP67
Working Tempurature	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)
Power	DC12V±30% Max. 2.7W	DC12V±30% Max. 2.7W

HDCVI CAMERAS

IoT Series

HDCVI-IoT series provides users with a multi-dimensional system that links video with audio, sensing info and alarms to verify potential risks, thus securing personnel and property safety with greatly reduced false alarms.

KEY FEATURES

Video Linkage
Multiple sensors linked together with video for verification and real-time alarm.

Accurate Detection
HDCVI video surveillance with PIR ensures important events are seen

Everything-over-Coax
Multiple data types can be transmitted over a single coax cable

IoT Overlay
Real-time temperature & humidity info from sensors overlaid on video to improve efficiency

IoT Series

	LinCa		MotionEye				
Model	HAC-LC1220T-TH	HAC-LC1200SL-W	HAC-ME2802B-PIR	HAC-ME1400B-PIR	HAC-ME1200B-PIR	HAC-HUM1220A	HAC-HUM1220A-W
Appearance							
Image Sensor	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS	1/2" 8MP 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)	0.005Lux/F1.6 (Color) 0Lux/F1.6 (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 (2.8mm, 6mm Optional)	2.8mm	2.8mm	2.8mm	2.8mm	2.8mm
FOV-H	82.8°(104°/51°)	89.9°(112°/54.7°)	110.8°	107.2°	112°	100.5°	100.5°
Day/Night	ICR	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	20m (66ft), Smart IR	-	-
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	2D	2D	2D	2D	2D	2D	2D
Frame Rate	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	15fps@4K 20fps@6MP 30fps@4MP	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)	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	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°~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	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)	-10°C~+50°C (14°F ~ +122°F)
Power	DC12V±25% Max. 3.4W	DC12V±25% Max. 4.4W	DC12V±30% Max. 5.3W	DC12V±30% Max. 4.4W	DC12V±30% Max.4.1W	DC12V±25% Max. 0.7W	DC12V±25% Max. 0.7W

HDCVI PTZ CAMERAS

HDCVI PTZ CAMERAS

Ultra Series

The Ultra Series PTZ is designed for projects with the most demanding quality and performance requirements. With high performance Sony camera sensors, IP67, and IK10, this range is capable of handling any type of scenario.

KEY FEATURES

Advanced Sensors
High performance Sony sensors deliver high quality and reliability

Superior Image
Starlight / 120db WDR provides clear image under any light conditions

Super IR Range
Cameras provide up to 200m IR range for performance in dark environments

Powerful Protection
IP67 / IK10 ratings ensures cameras can withstand tough conditions

Ultra Series		
	1080P	
Model	SD6AE230IA-HC	SD65F230IA-HC
Appearance		
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 CAMERAS

Pro Series

The Pro Series PTZ is designed to meet high image quality and low-light surveillance requirements with the help of Starlight technology. Rich housing and model selections are available to meet diverse application needs.

KEY FEATURES

Great Selection
Wide range of housings and models to suit all requirements

Optimized Image
High quality image with Starlight technology

Long IR Range
Cameras provide up to 150m IR range for performance in dark environments

Powerful Protection
IP66 / IP67 / IK10 ratings ensures cameras can withstand tough conditions

Pro Series

	4MP				
Model	SD6C430I-HC	SD60430I-HC	SD59430I-HC	SD50430I-HC	SD52C430I-HC
Appearance					
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. 23W	AC24V Max. 23W	AC24V Max. 13W

HDCVI PTZ CAMERAS

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)
Appearance	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°	62.8°~2.6°	67.8° ~ 2.4°	62.8°~2.6°	67.8° ~ 2.4°	62.8° ~ 2.6°	67.8° ~ 2.4°	62.8° ~ 2.6°
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. 23W	AC24V Max. 23W	AC24V Max. 23W	AC24V Max. 23W

HDCVI PTZ CAMERAS

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)
Appearance	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°	62.8° ~ 2.6°	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. 23W	AC24V Max. 23W	AC24V Max. 13W

HDCVI PTZ CAMERAS

Lite Series

The Lite Series PTZ offers a cost/performance solution suitable for a range of applications. Its compact design built with Dahua quality standards and assurance enables the entire range to meet your requirements.

KEY FEATURES

Compact Design
Small PTZ cameras;
Can fit in a number of places

Mini IR PTZ
Pan / tilt / zoom and IR functionality in compact housing

Cost-Effective
Performance and quality are combined at an affordable price

Powerful Zoom
Up to 31x optical zoom easily covers large areas

Lite Series			
	1080P		
Model	SD49225I-HC(-S3)	SD49212I-HC(-S3)	SD40212I-HC(-S3)
Appearance	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)	5.3~64mm (12x Optical zoom)	5.3~64mm (12x Optical zoom)
FOV-H	62.8° ~ 2.6°	58.2° ~ 4.8°	58.2° ~ 4.8°
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 CAMERAS

Lite Series

	1080P			720P				
Model	SD42212I-HC(-S3)	SD42C212I-HC(-S3)	SD22204I-GC	SD49131I-HC(-S3)	SD49116I-HC(-S3)	SD40116I-HC(-S3)	SD42116I-HC(-S3)	SD42C116I-HC(-S3)
Appearance								
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	5.3~64mm (12x Optical zoom)	5.3~64mm (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	58.2° ~ 4.8°	58.2° ~ 4.8°	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 RECORDERS

HDCVI RECORDERS

DeepSense Series

The DeepSense series adopts powerful multi-core CPU and deep learning algorithm to provide the most advanced technologies to users. Featuring face recognition, it aims to provide potential risk prevention, real-time event alarm, and quick inquiry afterwards. Enabling an accurate, reliable and efficient video surveillance system, this series can be widely used in applications requiring top-level performance like retail, bank and villa etc.

KEY FEATURES

Face Recognition
Real-time face comparison enables accurate control of criminal suspects

Fast Target Search
Smart Search by face image and metadata saves labor and time costs

H.265+/H.265
Improves encoding efficiency, reducing overall system cost

High Definition
Up to 4K resolution available

Raid 0, 1, 5, 6, 10
Offers excellent read/write speed and reliable redundant data storage

Highest Performance
Max. supports 64 channels IPC access, each channel up to 12MP input

DeepSense Series

	8 HDD	2 HDD		
Model	XVR8816S-4KL-I	XVR8208A-4K-I	XVR8216A-4KL-I	XVR8208A-4KL-I
Appearance	Deep·Sense	Deep·Sense	Deep·Sense	Deep·Sense
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Audio Compression	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)
Max. Recording Resolution	CH01-16: 4K	CH01-08: 4K	CH01-16: 4K	CH01-08: 4K
Max. HDCVI Recording Rate	7fps@4K, 10fps@6MP 12fps@5MP, 15fps@4MP 15fps@3MP, 30fps@4M-N 30fps@1080P	15fps@4K, 20fps@6MP 20fps@5MP, 30fps@4MP 30fps@3MP, 30fps@1080P	7fps@4K, 10fps@6MP 12fps@5MP, 15fps@4MP 15fps@3MP, 30fps@4M-N 30fps@1080P	7fps@4K, 10fps@6MP 12fps@5MP, 15fps@4MP 15fps@3MP, 30fps@4M-N 30fps@1080P
CVBS Input	16CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω	16CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω
IP Camera Input	16+48 Up to 12Mp	8+56 Up to 12Mp	16+48 Up to 12Mp	8+56 Up to 12Mp
Max IP Input/Record	256Mbps/256Mbps	256Mbps/256Mbps	256Mbps/256Mbps	256Mbps/256Mbps
Audio In/out	16/1, 2-way	4/1, 2-way	4/1, 2-way	4/1, 2-way
Max HDD	8×10TB	2×10TB	2×10TB	2×10TB
Display	HDMI1/VGA(1920x1080) HDMI2(3840x2160), TV	HDMI1/VGA(1920x1080) HDMI2(3840x2160)	HDMI1/VGA(1920x1080) HDMI2(3840x2160)	HDMI1/VGA(1920x1080) HDMI2(3840x2160)
eSATA	1	-	-	-
USB	2 USB 3.0, 2 USB 2.0	2 USB3.0, 1 USB2.0	2 USB3.0, 1 USB2.0	2 USB3.0, 1 USB2.0
DVD Burner	USB/SATA	USB	USB	USB
Alarm In/Out	16/6	16/3	16/3	16/3
Ethernet	2 Gigabit ports	2 Gigabit ports	2 Gigabit ports	2 Gigabit ports
Remote User Login	128	128	128	128
Dimensions	440×455×95mm (17.3"×17.9"×3.7")	375x331x53mm (14.8"×13.0"×2.1")	375x331x53mm (14.8"×13.0"×2.1")	375x331x53mm (14.8"×13.0"×2.1")
Power	AC 100-240V,50/60Hz,≤40W (Without HDD)	DC12V/5A, ≤35W(Without HDD)	DC12V/5A, ≤35W(Without HDD)	DC12V/5A, ≤35W(Without HDD)
Intelligent Video	Face Recognition	Face Recognition	Face Recognition	Face Recognition
Star Features	Face Metadata, Face Search, Raid	Face Metadata, Face Search	Face Metadata, Face Search	Face Metadata, Face Search

HDCVI RECORDERS

Pro Series

The Pro Series is a perfect choice for mid to large-scale business and projects where both high reliability and flexibility are required. With the adoption of Smart H.265+/H.265, the series can effectively improve encoding efficiency and save bandwidth/storage costs while ensuring video quality in high resolution (4MP / 4K) surveillance scenarios.

The series also supports advanced Point of Sale(POS) and Internet of Things (IoT) functions that make the system smarter and more convenient to use.

KEY FEATURES

H.265+/H.265
Improves encoding efficiency, reducing overall system cost

High Definition
Up to 4K resolution available

All-over-Coax
Coaxial audio/alarm/ firmware upgrade

IoT
Achieves multi-dimensional security by integrating sensors with video

POS
POS ticket information overlay and search

Super Performance
Supports N+N channels IPC access, each channel up to 8MP input

Pro Series					
	8 HDD	4 HDD	2 HDD		
Model	XVR7816S-4KL-X	XVR7416L-4KL-X	XVR7208A-4K-X	XVR7216A-4KL-X	XVR7208A-4KL-X
Appearance	POS IoT	POS IoT	POS IoT	POS IoT	POS IoT
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Audio Compression	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)
Max. Recording Resolution	CH01-16: 4K	CH01-16: 4K	CH01-08: 4K	CH01-16: 4K	CH01-08: 4K
Max. HDCVI Recording Rate	7fps@4K, 10fps@6MP 12fps@5MP, 15fps@4MP 15fps@3MP, 30fps@4M-N 30fps@1080P	7fps@4K, 10fps@6MP 12fps@5MP, 15fps@4MP 15fps@3MP, 30fps@4M-N 30fps@1080P	15fps@4K, 20fps@6MP 20fps@5MP, 30fps@4MP 30fps@3MP, 30fps@1080P	7fps@4K, 10fps@6MP 12fps@5MP, 15fps@4MP 15fps@3MP, 30fps@4M-N 30fps@1080P	7fps@4K, 10fps@6MP 12fps@5MP, 15fps@4MP 15fps@3MP, 30fps@4M-N 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
IP Camera Input	16+16 Up to 12Mp	16+16 Up to 12Mp	8+8 Up to 8MP	16+16 Up to 8MP	8+8 Up to 8MP
Max IP Input/Record	128Mbps/128Mbps	128Mbps/128Mbps	64Mbps/64Mbps	128Mbps/128Mbps	64Mbps/64Mbps
Audio In/out	16/1, 2-way	4/1, 2-way	4/1, 2-way	4/1, 2-way	4/1, 2-way
Max HDD	8×10TB	4×10TB	2×10TB	2×10TB	2×10TB
Display	HDMI 1(3840x2160) HDMI 2/VGA(1920x1080),TV	HDMI 1(3840x2160) HDMI 2/VGA(1920x1080),TV	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
DVD Burner	USB/SATA	USB/SATA	USB	USB	USB
Alarm In/Out	16/6	16/6	8/3	16/3	8/3
Ethernet	2 Gigabit ports	1 Gigabit port	1 Gigabit port	1 Gigabit port	1 Gigabit port
Remote User Login	128	128	128	128	128
Dimensions	440×455×95mm (17.3"×17.9"×3.7")	440×417×76mm (17.3"×16.9"×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, ≤35W (Without HDD)	AC 100-240V,50/60Hz, ≤35W (Without HDD)	DC12V/5A, ≤15W (Without HDD)	DC12V/5A, ≤15W (Without HDD)	DC12V/4A, ≤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
Star Features	IoT, POS, P2P Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	IoT, POS, P2P Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	IoT, POS, P2P, Coaxial Audio/ Alarm/Upgrade, 2D/3DNR	IoT, POS, P2P, Coaxial Audio/ Alarm/Upgrade, 2D/3DNR	IoT, POS, P2P, Coaxial Audio/ Alarm/Upgrade, 2D/3DNR

HDCVI RECORDERS

Pro Series

1 HDD

Model	XVR7108HE-4K-X	XVR7116HE-4KL-X	XVR7108HE-4KL-X	XVR7104HE-4KL-X	XVR7108E-4KL-B-X	XVR7104E-4KL-B-X	XVR7108E-4KL-X	XVR7104E-4KL-X
Appearance	POS IoT	POS IoT	POS IoT	POS IoT	POS IoT	POS IoT	POS IoT	POS IoT
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/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	CH01-08: 4K	CH01-16: 4K	CH01-08: 4K	CH01: 4K CH02-04: 4K-N/4MP	CH01-08: 4K	CH01-04: 4K	CH01-08: 4K	CH01-04: 4K
Max. HDCVI Recording Rate	15fps@4K, 20fps@6MP 20fps@5MP, 30fps@4MP 30fps@3MP, 30fps@1080P	7fps@4K, 10fps@6MP 12fps@5MP, 15fps@4MP 15fps@3MP, 30fps@4M-N 30fps@1080P	7fps@4K, 10fps@6MP 12fps@5MP, 15fps@4MP 15fps@3MP, 30fps@4M-N 30fps@1080P	7fps@4K, 10fps@6MP 12fps@5MP, 15fps@4K-N 15fps@4MP, 15fps@3MP 30fps@4M-N, 30fps@1080P	7fps@4K, 10fps@6MP 12fps@5MP, 15fps@4MP 15fps@3MP, 30fps@4M-N 30fps@1080P	15fps@4K, 20fps@6MP 20fps@5MP, 30fps@4MP 30fps@3MP, 30fps@1080P	7fps@4K, 10fps@6MP 12fps@5MP, 15fps@4MP 15fps@3MP, 30fps@4M-N 30fps@1080P	15fps@4K, 20fps@6MP 20fps@5MP, 30fps@4MP 30fps@3MP, 30fps@1080P
CVBS Input	8CH,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	8CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω
IP Camera Input	8+8 Up to 8MP	16+16 Up to 8MP	8+8 Up to 8MP	4+4 Up to 8MP	8+8 Up to 8MP	4+4 Up to 8MP	8+8 Up to 8MP	4+4 Up to 8MP
Max IP Input/Record	64Mbps/64Mbps	128Mbps/128Mbps	64Mbps/64Mbps	32Mbps/32Mbps	64Mbps/64Mbps	32Mbps/32Mbps	64Mbps/64Mbps	32Mbps/32Mbps
Audio In/out	8/1, 2-way	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	1×10TB	1×10TB	1×10TB	1×10TB	1×10TB	1×10TB	1×10TB	1×10TB
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)	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	2 USB2.0	1 USB3.0, 2 USB2.0	1 USB3.0, 2 USB2.0	1 USB3.0, 2 USB2.0	1 USB3.0, 2 USB2.0
DVD Burner	USB	USB	USB	USB	USB	USB	USB	USB
Alarm In/Out	8/3	16/3	8/3	8/3	-	-	-	-
Ethernet	1 Gigabit port	1 Gigabit port	1 Gigabit port	1x100M port	1 Gigabit port	1 Gigabit port	1 Gigabit port	1 Gigabit 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")	325×255×55mm (12.8"×10.0"×2.2")	260×140×87mm (10.2"×5.5"×3.4")	260×140×87mm (10.2"×5.5"×3.4")	260×140×87mm (10.2"×5.5"×3.4")	260×140×87mm (10.2"×5.5"×3.4")
Power	DC12V/2A, ≤15W(Without HDD)	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	Tripwire,Intrusion,Abandoned/ Missing,Face Detection
Star Features	IoT, POS, P2P, Coaxial Audio/ Alarm/Upgrade, 2D/3DNR	IoT, POS, P2P, Coaxial Audio/ Alarm/Upgrade, 2D/3DNR	IoT, POS, P2P, Coaxial Audio/ Alarm/Upgrade, 2D/3DNR	IoT, POS, P2P, Coaxial Audio/ Alarm/Upgrade, 2D/3DNR	Built-in Battery, IoT, POS, P2P Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	Built-in Battery, IoT, POS, P2P Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	IoT, POS, P2P Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	IoT, POS, P2P Coaxial Audio/Alarm/ Upgrade, 2D/3DNR

HDCVI RECORDERS

Lite Series

The Lite Series is designed for high cost performance and quality. The range offers a great solution for users facing budget constraints who both require quality and performance.

The adoption of Smart H.265+/H.265 improves encoding efficiency, saving on bandwidth/ storage costs, and significantly reducing the Total Cost of Ownership (TCO).

KEY FEATURES

Cost/Performance
Advanced processors provide good image quality and color with optimized cost effectiveness

H.265+/H.265
Improves encoding efficiency, reducing overall system cost

High Definition
Up to 4K resolution available

All-over-Coax
Coaxial audio/alarm/ firmware upgrade

Lite Series			
	2 HDD		1 HDD
Model	XVR5216AN-4KL-X-16P	XVR5208AN-4KL-X-8P	XVR5108H-4KL-X-8P
Appearance	PoC	PoC	PoC
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
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, 10fps@6MP 12fps@5MP, 15fps@4MP 15fps@3MP, 30fps@4M-N 30fps@1080P	7fps@4K, 10fps@6MP 12fps@5MP, 15fps@4MP 15fps@3MP, 30fps@4M-N 30fps@1080P	7fps@4K, 10fps@6MP 12fps@5MP, 15fps@4MP 15fps@3MP, 30fps@4M-N 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	2×10TB	2×10TB	1×10TB
Display	HDMI(3840x2160) VGA(1920x1080), TV	HDMI(3840x2160) VGA(1920x1080)	HDMI(3840x2160) VGA(1920x1080)
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	DC54V, ≤20W(Without HDD)	DC54V, ≤15W(Without HDD)	DC53V, ≤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	PoC,POS,P2P,Coaxial Audio/Alarm/ Upgrade,2D/3DNR	PoC,POS,P2P,Coaxial Audio/Alarm/ Upgrade,2D/3DNR	PoC,POS,P2P,Coaxial Audio/Alarm/ Upgrade,2D/3DNR

HDCVI RECORDERS

Lite Series

	2 HDD		1 HDD		
Model	XVR5216AN-4KL-X	XVR5208AN-4KL-X	XVR5108HS-4KL-X	XVR5104HS-4KL-X	XVR5104C-4KL-X
Appearance					
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Audio Compression	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)
Max. Recording Resolution	CH01-16: 4K	CH01-08: 4K	CH01-08: 4K	CH01: 4K CH02-04: 4K-N/4MP	CH01: 4K CH02-04: 4K-N/4MP
Max. HDCVI Recording Rate	7fps@4K, 10fps @6MP 12fps@5MP, 15fps@4MP 15fps@3MP, 30fps@4M-N 30fps@1080P	7fps@4K, 10fps@6MP 12fps@5MP, 15fps@4MP 15fps@3MP, 30fps@4M-N 30fps@1080P	7fps@4K, 10fps@6MP 12fps@5MP, 15fps@4MP 15fps@3MP, 30fps@4M-N 30fps@1080P	7fps@4K, 10fps@6MP 12fps@5MP, 15fps@4K-N 15fps@4MP, 15fps@3MP 30fps@4M-N, 30fps@1080P	7fps@4K, 10fps@6MP 12fps@5MP, 15fps@4K-N 15fps@4MP, 15fps@3MP 30fps@4M-N, 30fps@1080P
CVBS Input	16CH,1.0Vp-p,75Ω	8CH,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	8+4 Up to 8MP	4+2 Up to 8MP	4+2 Up to 8MP
Max IP Input/Record	96Mbps/96Mbps	48Mbps/48Mbps	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
Max HDD	2×10TB	2×10TB	1×10TB	1×10TB	1×10TB
Display	HDMI(3840x2160) VGA(1920x1080)	HDMI(3840x2160) VGA(1920x1080)	HDMI(3840x2160) VGA(1920x1080)	HDMI(3840x2160) VGA(1920x1080)	HDMI(3840x2160) VGA(1920x1080)
eSATA	-	-	-	-	-
USB	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	2 USB2.0	2 USB2.0
DVD Burner	USB	USB	USB	USB	USB
Alarm In/Out	-	-	-	-	-
Ethernet	1 Gigabit port	1 Gigabit port	1 Gigabit 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")	205×211×45mm (8.1"×8.3"×1.8")
Power	DC12V/5A, ≤15W(Without HDD)	DC12V/4A, ≤15W(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
Star Features	POS,P2P, Coaxial Audio/Alarm/Upgrade, 2D/3DNR	POS, P2P, Coaxial Audio/Alarm/Upgrade, 2D/3DNR	POS, P2P,Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	POS, P2P,Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	POS, P2P,Coaxial Audio/Alarm/ Upgrade, 2D/3DNR

HDCVI RECORDERS

Lite Series

	8 HDD	4 HDD	2 HDD	
Model	XVR5832S-X	XVR5432L-X	XVR5232AN-X	XVR5216AN-X
Appearance				
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Audio Compression	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)
Max. Recording Resolution	CH01-02: 5M-N CH03-32: 4M-N/1080P	CH01-02: 5M-N CH03-32: 4M-N/1080P	CH01-02: 5M-N CH03-32: 4M-N/1080P	CH01-02: 5M-N CH03-16: 4M-N/1080P
Max. HDCVI Recording Rate	10fps@5M-N, 15fps@4M-N 15fps@1080P, 30fps@720P	10fps@5M-N, 15fps@4M-N 15fps@1080P, 30fps@720P	10fps@5M-N, 15fps@4M-N 15fps@1080P, 30fps@720P	10fps@5M-N, 15fps@4M-N 15fps@1080P, 30fps@720
CVBS Input	32CH,1.0Vp-p,75Ω	32CH,1.0Vp-p,75Ω	32CH,1.0Vp-p,75Ω	16CH,1.0Vp-p,75Ω
IP Camera Input	32 Up to 8Mp	32 Up to 8Mp	32 Up to 6MP	16+8 Up to 6MP
Max IP Input/Record	128Mbps/128Mbps	128Mbps/128Mbps	128Mbps/128Mbps	96Mbps/96Mbps
Audio In/out	16/1, 2-way	4/1, 2-way	1/1, 2-way	1/1, 2-way
Max HDD	8×10TB	4×10TB	2×10TB	2×10TB
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(3840x2160) 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
DVD Burner	USB/SATA	USB/SATA	USB	USB
Alarm In/Out	16/6	16/6	-	-
Ethernet	2 Gigabit ports	1 Gigabit port	1 Gigabit port	1 Gigabit port
Remote User Login	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")
Power	AC 100-240V,50/60Hz, ≤35W(Without HDD)	AC 100-240V,50/60Hz, ≤35W(Without HDD)	DC12V/5A, ≤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
Star Features	POS, P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	POS, P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	POS, P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	POS, P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR

HDCVI RECORDERS

Lite Series

	1 HDD				
Model	XVR5116HS-X	XVR5108HS-X	XVR5104HS-X1	XVR5108C-X	XVR5104C-X1
Appearance					
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Audio Compression	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)
Max. Recording Resolution	CH01-02: 5M-N CH03-16: 4M-N/1080P	CH01-02: 5M-N CH03-08: 4M-N/1080P	CH01: 5M-N CH02-04: 4M-N/1080P	CH01-02: 5M-N CH03-08: 4M-N/1080P	CH01: 5M-N CH02-04: 4M-N/1080P
Max. HDCVI Recording Rate	10fps@5M-N, 15fps@4M-N 15fps@1080P,30fps@720P	10fps@5M-N, 15fps@4M-N 15fps@1080P,30fps@720P	10fps@5M-N, 15fps@4M-N 15fps@1080P,30fps@720P	10fps@5M-N, 15fps@4M-N 15fps@1080P,30fps@720P	10fps@5M-N, 15fps@4M-N 15fps@1080P,30fps@720P
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
IP Camera Input	16+8 Up to 6MP	8+4 Up to 6MP	4+2 Up to 6MP	8+4 Up to 6MP	4+2 Up to 6MP
Max IP Input/Record	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
Max HDD	1×10TB	1×10TB	1×10TB	1×10TB	1×10TB
Display	HDMI(3840x2160) 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
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	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/1.5A, ≤10W(Without HDD)	DC12V/2A, ≤10W(Without HDD)	DC12V/1.5A, ≤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
Star Features	POS, P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	POS, P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	POS,P2P, Coaxial Audio/Alarm/Upgrade, 2D/3DNR	POS, P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR	POS, P2P, Coaxial Audio/Alarm/ Upgrade, 2D/3DNR

HDCVI RECORDERS

Cooper Series

Cooper series makes the best of simple and cost effective HDCVI solution. It meets the basic requirement of reliable HD video surveillance and saves budget for customers on both device and labor. Cooper series is an ideal choice for SMB solutions, as well as a perfect option for replacing obsolete analog or other HD analog systems.

KEY FEATURES

Cost/Performance
Provides high performance and guaranteed quality at attractive price

H.265+/H.265
Improves encoding efficiency, reducing overall system cost

Metal Case
Industral design makes system more stable and reliable

All-over-coax
Coaxial audio/alarm/ firmware upgrade

Cooper Series			
	1HDD		
Model	XVR1B16	XVR1B08	XVR1B04
Appearance			
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Audio Compression	AAC/G.711/PCM	AAC/G.711/PCM	AAC/G.711/PCM
Video Standardt	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)	HDCVI/AHD/CVBS/TVI (Auto-detect)
Max. Recording Resolution	CH01-16: 1080N/720P	CH01-08: 1080N/720P	CH01-04: 1080N/720P
Max. HDCVI Recording Rate	15fps@1080N 15fps@720P	15fps@1080N 15fps@720P	30fps@1080N 30fps@720P
CVBS Input	16CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω
IP Camera Input	16+2 Up to 6Mp	8+2 Up to 6Mp	4+1 Up to 2MP
Max IP Input/Record	72Mbps/72Mbps	40Mbps/40Mbps	20Mbps/20Mbps
Audio In/out	1/1, 2-way	1/1, 2-way	1/1, 2-way
Max HDD	1×6TB	1×6TB	1×6TB
Display	HDMI/VGA(1920x1080)	HDMI/VGA(1920x1080)	HDMI/VGA(1920x1080)
eSATA	-	-	-
USB	2 USB2.0	2 USB2.0	2 USB2.0
DVD Burner	USB	USB	USB
Alarm In/Out	-	-	-
Ethernet	1x100M port	1x100M port	1x100M port
Remote User Login	128	128	128
Dimensions	260×236×48mm (10.2"×9.3"×1.9")	197×192×41mm (7.8"×7.6"×1.6")	197×192×41mm (7.8"×7.6"×1.6")
Power	DC12V/2A, ≤10W(Without HDD)	DC12V/1.5A, ≤10W(Without HDD)	DC12V/1.5A, ≤10W(Without HDD)
Intelligent Video	-	-	-
Star Features	P2P, Coaxial Audio Alarm/Upgrade, 2D/3DNR	P2P, Coaxial Audio Alarm/Upgrade, 2D/3DNR	P2P, Coaxial Audio Alarm/Upgrade, 2D/3DNR

NETWORK VIDEO SERVERS

Network Video Servers

Network Video Servers (NVS) are specially designed products that convert a traditional analog video signal into a digital video signal. NVS products support various input video formats, including HDCVI, AHD, TVI, CVBS, and IP.

KEY FEATURES

Variable Inputs
Supports HDCVI/AHD/TVI/IP video inputs

Audio Support
Supports high quality 2-way audio

Wireless
Built-in 2.4G/5G Wi-Fi module and 4G module (optional)

Micro SD
Supports max. 128GB SD card

NVS

Model	NVS0104HDC	NVS0204HDC	NVS0404HDC
Appearance			
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
Appearance	
Alarm In/Out	16/6
Communication	1 RS485 port
DIP Switch	2-bit
Installation	Desktop installation
Dimensions	98×90×33mm (3.8"×3.5"×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

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-Z/VF, HFWxxT-Z/I8, HFWxxB/D, B3A21-VF Series		
Model	PFA130-E	PFA130-E+PFA152-E
Mount	Junction box	Pole mount

HFWxxS/SL, HFWxxR/RM, HFWxxT, HFWxxTL, B1A21, B2A21, LCxxT, LCxxSL, 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, D3A21-VF, HDBWxxR-Z/VF Series					
Model	PFA137	PFB203W	PFB203W+PFA152-E	PFA106+PFB220C	PFA200W
Mount	Junction box	Wall mount	Pole mount	Ceiling mount(extensible)	Rain shade

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

HDWxxR-Z, HDWxxT-Z, T3A21-VF, D1A21 Series			
Model	PFA130-E	PFB203W	PFB203W+PFA152-E
Mount	Junction box	Wall mount	Pole mount

ACCESSORIES

EB Series			
Model	PFA136	PFB203W	PFB203W+PFA152-E
Mount	Junction box	Wall mount	Pole mount

HDWxxR-VF Series			
Model	PFA13C	PFB204W	PFB204W+PFA152-E
Mount	Junction box	Wall mount	Pole mount

HDWxxM, T2A21 Series			
Model	PFA13A-E	PFB204W	PFB204W+PFA152-E
Mount	Junction box	Wall mount	Pole mount

HDWxxSL, HDWxxR, T1A21 Series			
Model	PFA12A(plastic)	PFA135	PFA135+PFA152-E
Mount	Junction box		Pole mount

HDWxxEM, HDWxxT 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

Housings

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 Adapters

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")

Lenses

Model	PLZ1040-D	PFL0550-E6D	PFL085-J12M	PFL2070-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	Image size: 4/3" Aperture: F1.5 Focus length: 20-70mm Mount: M43 Resolution: 12MP

Testers

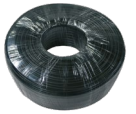
Model	PFM900-E	PFM905-E	PFM907
Appearance			
Description	For IPC, HDCVI, TVI, AHD, analog camera; TDR, analog video generator; Digital multimeter, data monitor, PoE+, DC12V/2A output	For HDCVI, TVI, AHD, analog camera; Analog video generator; Digital multimeter, data monitor, DC12V/1A output	For IPC, HDCVI, TVI, AHD, CVBS camera Wifi test, network cable test Digital multimeter, OPM, data monitor Analog video generator PoE+, DC12V/2A, USB5V/2A output

Pickups

Model	HAP100	HAP200	HAP120	HAP320-V
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")	Scope: 10~70m² Sensitivity:-34±3dB Working voltage: DC 12V Dimension: Φ40mm×20mm (Φ1.57"×0.79")	Input DC12V Scope: 5-100m² Sensitivity:-24dB Φ80mm×23.5mm (Φ3.15"×0.93")

ACCESSORIES

Power Adapters							UPS		
Model	DC Power						PFM350-360	PFM350-900	PFM351-900
Appearance									
Description	AC90~264V input DC12V, 1A output -30°C~+70°C CE/FCC/UL/PSE/CCC	AC90~264V input DC12V, 2A output -30°C~+70°C CE/FCC/UL/CCC	AC90~264V input DC12V, 0.7Ax4 output -30°C~+70°C CE/FCC/UL/RCM/CCC	AC90~264V input DC12V, 2A output -10°C~+55°C CE/FCC/UL/RCM/CCC	AC90~264V input DC12V, 1.5A output -30°C~+70°C Perfect with PFA12X series(IP66)	AC180~264V input DC12V, 2A output -30°C~+70°C Structural water-proof	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 Supplies			Switching Power Supplies		Cables			
Model	PFM34x Series		PFM320S-50	PFM320S-150	PFM930-59N	PFM930I-6N	PFM940I-59N/2	PFM940I-6N/2
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 99x82x30mm (3.9"x3.23"x1.18")	AC88~132V/176~264V input DC12V, 150W output 159x97x30mm (6.26"x3.82"x1.18")	RG59 Coaxial Cable Conductor: OFC Jacket: PVC, 6.1mm, Color: black Length: 200m(656.2ft)	RG6 Coaxial Cable Conductor: OFC Jacket PVC: 6.9mm Color: black Length: 200(656.2ft)	RG59 Siamese Cable Conductor: OFC Jacket PVC: 6.1mm Power Conductor: 0.5mm² Color: black Length: 200(656.2ft)	RG6 Siamese Cable Conductor: OFC Jacket PVC: 6.9mm Power Conductor: 0.75mm² Color: black Length: 200(656.2ft)

Cabinets							
Model	PFC200-6U4D/6U6D	PFC200-12U6D/12U8D	PFC610	PDU	Fan	Caster Wheel	PFM700-E
Appearance							
Description	19" 6U Rack Cabinet Supports 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 Supports 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)	HDMI Extender DC5V for transmitter 1080P/60m Transmitter: 1 in/2 out Receiver: 1 out

ACCESSORIES

Baluns					PoC	Isolators	
Model	PFM800-4K/PFM800B-4K	PFM802P	PFM801-4MP	PFM809-4MP	PFM811-C/4CH	PFM790	PFM791
Appearance							
Description	Passive Video Balun Transmission distance(HDCVI): 4K/4MP/200m, 1080P/250m, 720P/400m Also support AHD, TVI, CVBS Cable type: CAT5E/6 (R<10Ω/100m)	Passive Video Balun with Power KIT 4*Pair video/power balun & 1*DC12V0.7A*4 power adapter Support 50m transmission with 4*5.5w camera 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 Transceivers				
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 Supports 720P/1080P	4ch HDCVI Optical Transceiver Lossless non-compression real-time transmission FC, Single-mode, 20km Supports 720P/1080P	8ch HDCVI Optical Transceiver Lossless non-compression real-time transmission FC, Single-mode, 20km Supports 720P/1080P	16ch HDCVI Optical Transceiver Lossless non-compression real-time transmission LC, Single-mode, 20km Supports 720P/1080P

Converters			Distributors	
Model	TP2105	PFT2100	TP2600	PFT2690
Appearance				
Description	Input :720P/1080P HDCVI signal Output: HDCVI, HDMI, VGA, CVBS Supports RS485 to control PTZ	Input :HDMI video signal Output: HDCVI signal	1 in/3 out 720P/1080P self-adaptive Works 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

Monitors

	LM18-L100	LM24-F211	DHL27-F600
Model			
Diagonal	18.5"(16:9)	23.8"(16:9)	27"(16:9)
Resolution	1366×768	1920×1080	1920×1080
Luminance	200cd/m²	250cd/m²	250cd/m²
Contrast	600:1	1000:1	1000:1
Viewing Angle	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°
Response Time	5ms	14ms	8ms
Display Color	16bit	8bit	8bit
Input	1 VGA, 1 HDMI 1 BNC, 1 Audio	1 VGA, 1 HDMI 1 Audio	1 VGA, 1 HDMI 1 Audio
Output	2 Speakers, 1 BNC	2 Speakers	2 Speakers
Control	Physical Button	Physical Button	Physical Button
Working Temperature	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)
Working Humidity	10~85%	10~85%	10~85%
Power	AC100~240V (+/-10%) 20W	AC110~240V 29W	AC100~240V (+/-10%) 35W
Dimensions	442.0×276.0×51.5mm (17.4"×10.9"×2.0")	540.6×322.6×50.1mm (21.3"×12.7"×2.0")	622.89×367.31×48.7mm (24.5"×14.5"×1.9")
Weight	2.8kg(6.2lb)	3.7kg(8.2lb)	5.6kg(12.3lb)

Decoders

	NVD0405DH-4K
Model	
Screen Quantity	4 Screens
Splicing Control Modes	Zoom/Merge/Roam/Overlay
Split Mode	1/4/9/16
Max Decoding	4CH@12MP(15fps)/4CH@4K/16CH@1080P/36CH@720P/64CH@D1
Local Video Input	1CH HDMI
Network Video Input	IPC/DVR/NVR, etc.
Video Output	HDMI/VGA/BNC
Audio Out	HDMI, 4 BNC(200-3000 mV, 5KΩ)
Alarm In/Out	4/4(30VDC 1A, 125VAC 0.5A, Relay output)
Intercom	1 Pair BNC
Prosessor	Dual-core embedded microprocessor
Case	1U 19"
Ethernet	1 RJ-45 port(10/100/1000M)
USB	2 USB2.0
Power	DC12V/3.3A
Control Modes	WEB/Local GUI/Video Platform/Network keyboard/iPad
Highlights	4K & H.265 & H.265+ decoding, Fisheye dewarp, PC signal collection

KVM

	KVM0801HM-E100
Model	
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	136.5×430.8×45.5mm (W×L×H)
Weight	1.28Kg

Keyboards

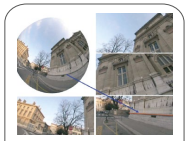
	NKB5000
Model	
Control Modes	Direct mode, Network mode
Control Interface	2 RJ-45 port(10/100/1000M), Wi-Fi, RS232, RS485
DVR/NVR Protocol	DH2
Dome Protocol	DH-SD1/PELCO-D/PELCO-P, etc.
Max Users	No limit(Each can manage up to 30,000 channels)
Screen	10.1" TFT LCD touch screen(1280×800)
Local Split Display Mode	1/4/9/16
Video Output	4CH HDMI
Local Decoding	4CH@4K/16CH@1080P
Intercom	1 Pair 3.5mm jack
Joystick	4-axis(zoom, focus, iris)
Main Processor	Dual-core Processor
Operating System	Embedded LINUX
USB	2 USB3.0, 2 USB2.0
Power	DC12V, 4A
Highlights	All touch screen, 4K&H.265 decoding, Controls NVR, DVR, EVS, Decoder, Matrix, Platform, Local visible control

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	IPC, NVR, DVR, CVR, VTO, ASC, ASA, NKB, M70 etc.
Number of Devices	64
Number of Channels	256
Number of Screens	4
Recording Channels	32
Languages	35
Supported VTO	64
Supported VTH	256
Supported Access Controllers	64
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

Easy4ip Cloud

The most user-friendly cloud surveillance platform

Web Client Mobile

Easy4ip is a cloud computing-based video management platform. Easy4ip connects millions of devices, including cameras, doorbells, alarms, etc., over a single global cloud network. It is widely used in video surveillance, smart home, smart building, and education applications. Easy4ip supports multiple services, such as live streaming, broadcasting, video on demand, cloud storage, cloud-based device upgrade, alarm notifications, video analytics, etc. Easy4ip is also an open system which features SDKs for device developers and system integrators to create their own video systems.

iOS 7.0 and above

Android 3.0 and above

Remote Live Streaming
Monitor anytime, anywhere from your mobile device or PC

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

Cloud Storage
Alarm video is stored in the cloud, ensuring you don't miss a thing

Alarm Notifications
Stay informed of what's happening in your home or at the store while on the go

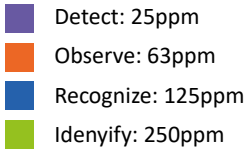
Global Server Network
Hybrid cloud includes Amazon, Azure, and other server providers, guaranteeing speed and stability

Security
Several security policies to secure your personal data

DORI Distance (D/O/R/I)

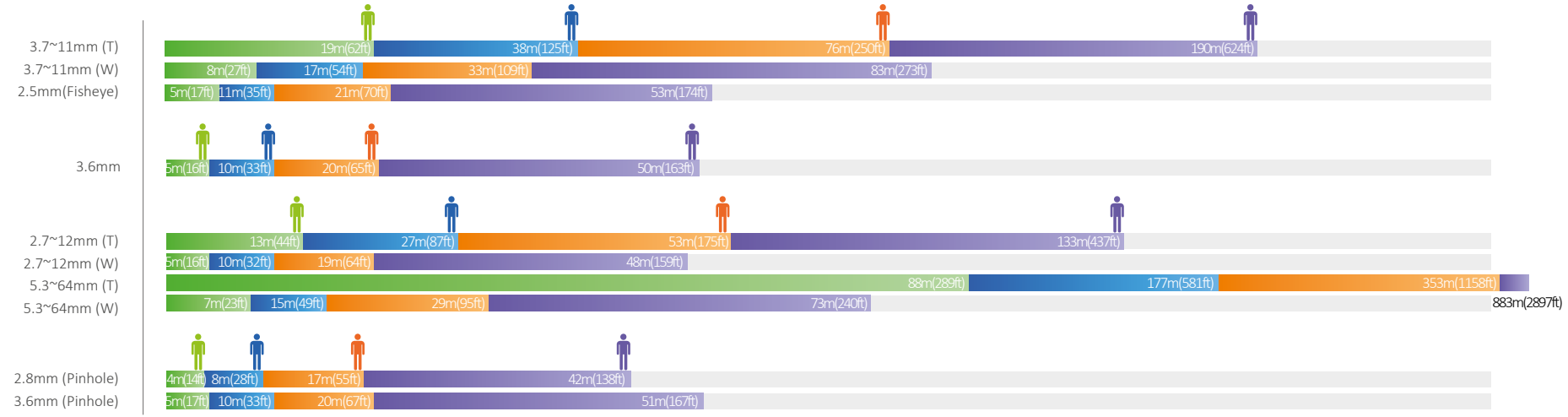
Find the Optimal Camera for Your Individual Surveillance Needs

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.

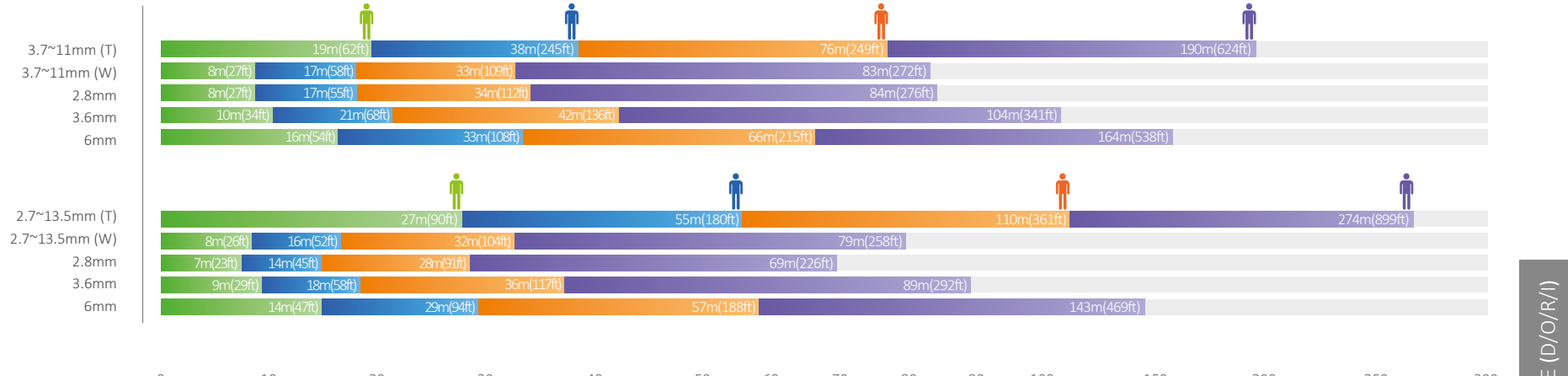


HDCVI CAMERA

Ultra Series

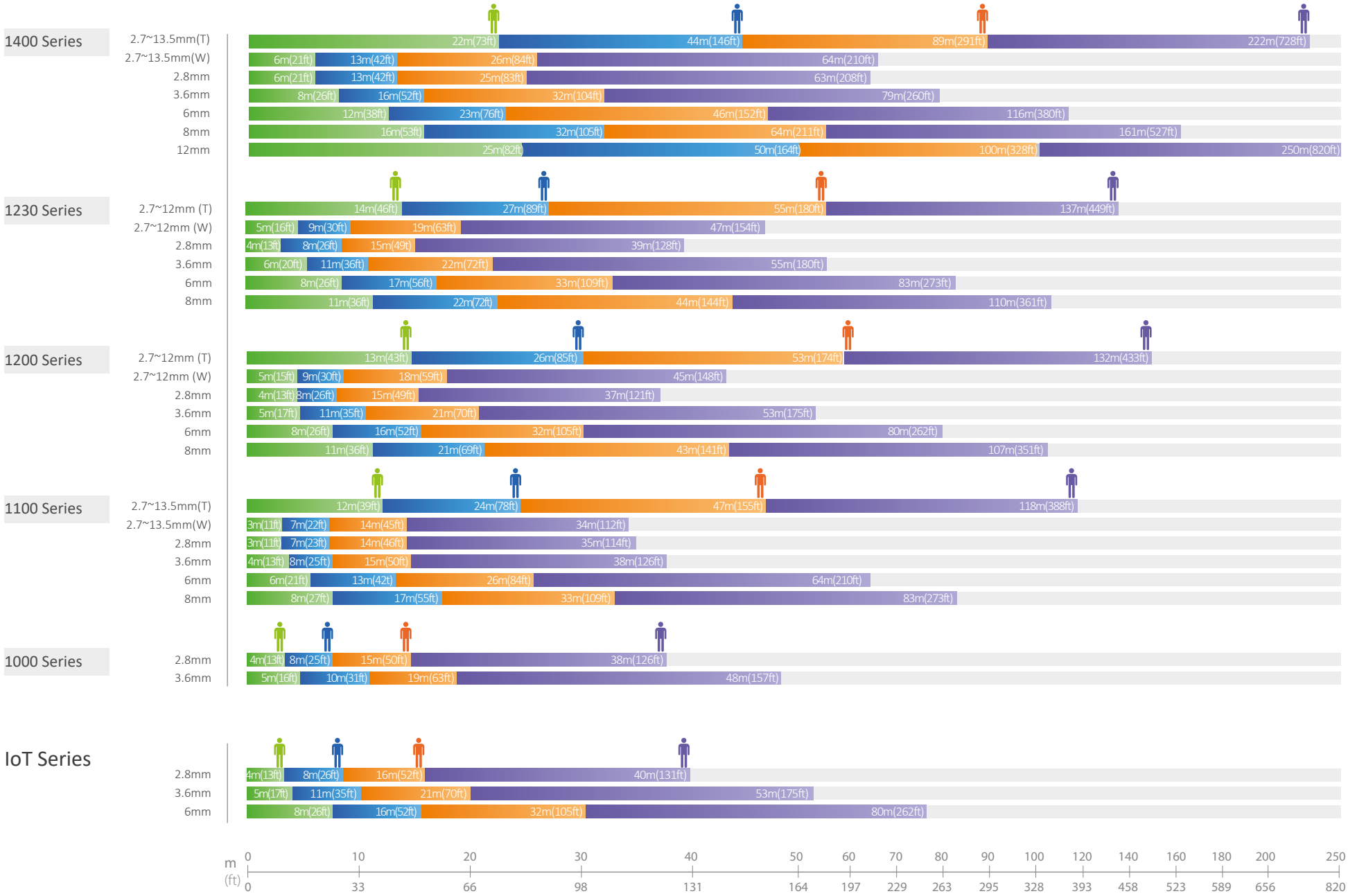


Pro Series



DORI Distance (D/O/R/I)

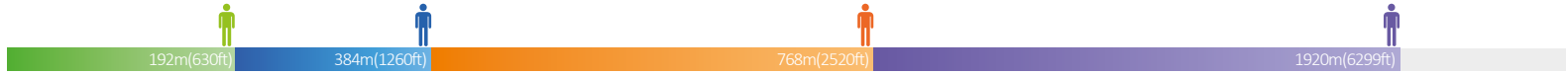
DORI Distance (D/O/R/I)



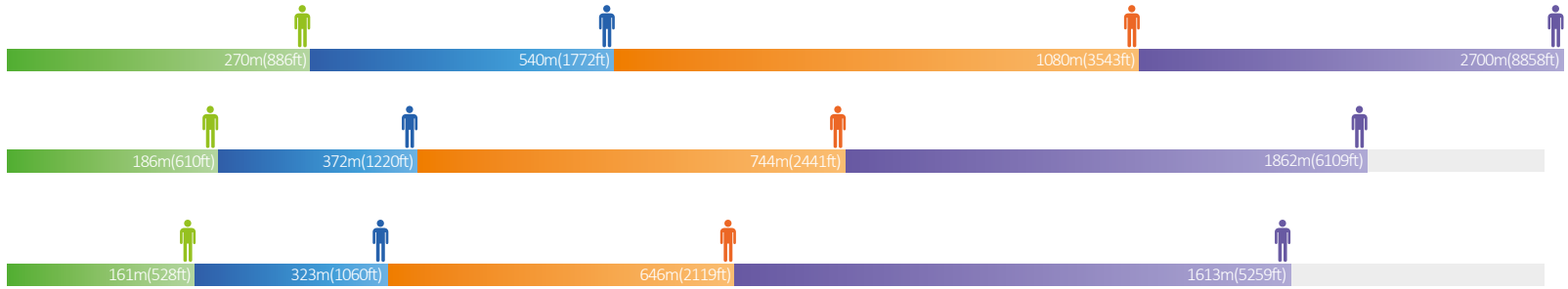
DORI Distance (D/O/R/I)

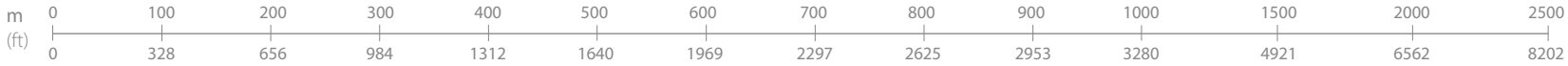
HDCVI PTZ CAMERA

Ultra Series

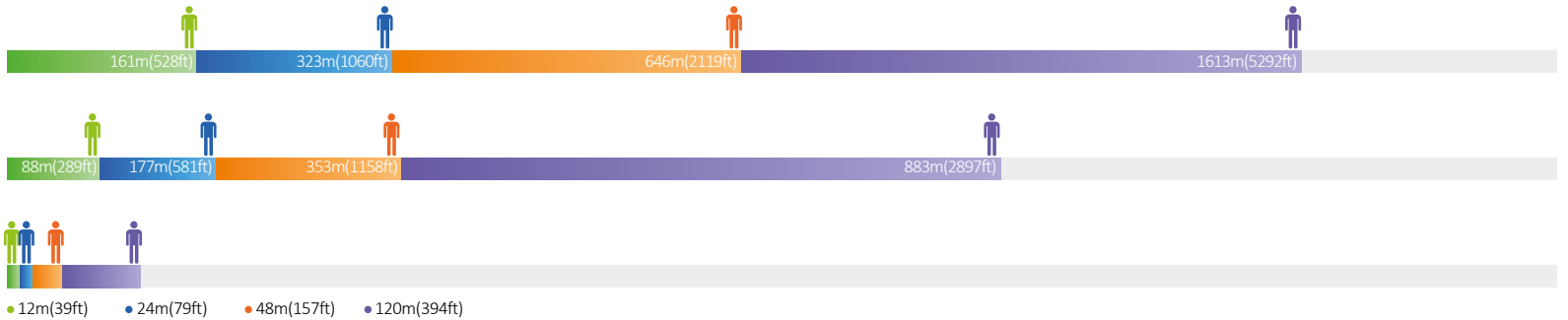


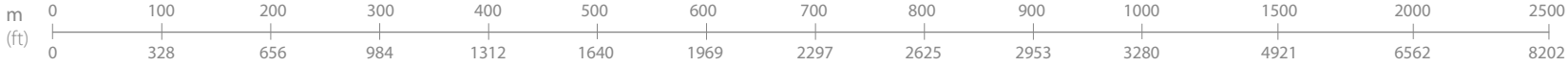
Pro Series





Lite Series





ENABLING A SAFER SOCIETY AND SMARTER LIVING

Dahua Mexico
Tel: +52 55 67231936
Email: sales.mx@dahuatech.com
support.mx@dahuatech.com

Dahua Colombia
Tel: +571 7446110
Email: sales.co@dahuatech.com
support.co@dahuatech.com

Dahua Brazil
Tel: +55 11 32511871
Vendas: comercial.br@dahuatech.com
Suporte Técnico: suporte.br@dahuatech.com

Dahua Perú
Tel: +511 500-8555
Email: sales.pe@dahuatech.com
support.pe@dahuatech.com

Dahua Chile
Tel: +56 232705421
Email: sales.cl@dahuatech.com
support.chile@dahuatech.com

Dahua Argentina
Email: project.ar@dahuatech.com

Dahua Panama
Email: sales.pa@dahuatech.com
Support: support.pa@dahuatech.com

Dahua Thailand
Tel: +66 2541 5188
Email: info.th@dahuatech.com
hr.th@dahuatech.com

Dahua Singapore
Tel: +65 65380952
Email: sales.sg@dahuatech.com

Dahua Turkey
Email: sales.tr@dahuatech.com
support.tr@dahuatech.com

Dahua Malaysia
Tel: +60376620731
Email: sales.my@dahuatech.com

Dahua Indonesia
Email: sales.id@dahuatech.com
support.id@dahuatech.com

Dahua S.Korea
Tel: +82 7081618889
Email: sales.kr@dahuatech.com
support.kr@dahuatech.com

Dahua India
Tel: +91 1244569100
Email: sales.india@dahuatech.com

Dahua Russia
Tel: 8 (499) 682-60-00
Email: info@dahuatech.com

Dahua Kazakhstan
Tel: +7 727 3110838
Email: sales.kz@dahuatech.com

Dahua UK
Tel: +44 (0) 1628 673 667
Email: sales.uk@dahuatech.com

Dahua the Netherlands
Tel: +31 (0) 79 799 96 96
Email: sales.benelux@dahuatech.com

Dahua Iberia
Tel: +34 917649862
Email: sales.iberia@dahuatech.com

Dahua Italy
Tel: +39 3703446609
Email: sales.italy@dahuatech.com

Dahua Germany
Tel: +49 211 20544121
Email: sales.de@dahuatech.com

Dahua France
+33 1 48 53 70 53
Email: sales.france@dahuatech.com

Dahua CEE & Nordic
Tel: +48 223957400
Email: dh.cen@dahuatech.com

Dahua Poland
Tel: +48 223957400
Email: biuro.pl@dahuatech.com

Dahua SRB
+38 1 (11) 4429999
Email: dh.srb@dahuatech.com

Dahua Denmark
Email: Nordic.ne@dahuatech.com

Dahua Hungary
Tel: +36 17899852
Email: sales.hu@dahuatech.com

Dahua Bulgaria
Tel: +35929950013
Email: support.bg@dahuatech.com

Dahua SRL
Email:marketing.ro@dahuatech.com

Dahua Czech
Tel: +420 225 986 001
Email: admin.cz@dahuatech.com

Dahua S. Africa
Email: sales.za@dahuatech.com

Dahua Australia
Tel: +61 299285200
Email: sales.oc@dahuatech.com

Dahua Middle East
Tel: +971 48815300
Email: sales.me@dahuatech.com
info.me@dahuatech.com

* Design and specifications are subject to change without notice.

HDCVI PRODUCT SELECTION V3 - 01, Jul 2018

www.dahuasecurity.com

DAHUA TECHNOLOGY
No.1199 Bin'an Road, Binjiang District, Hangzhou, China. 310053
Tel: +86-571-87688883 Fax: +86-571-87688815
Email: overseas@dahuatech.com
www.dahuasecurity.com

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