

DH-HAC-PT1200A-IL-A

2MP Smart Dual Light HDCVI Fixed-focal PT Camera



Series Overview

The Lite Series is a great choice for consumers looking for high quality monitoring products at a reasonable price. Its low cost and high performance make it ideal for residential areas and SMB solutions. This series is equipped with a wide range of technologies, such as full-color and starlight, providing various solutions for different scenarios.

Functions

Smart Area Lighting

Automatically adjusts the intensity of the brightness and exposure for the left and right areas in the video based on the proportion and position of the targets to reveal more details in the image.

Pan & Tilt

Developed with a PT design, it has a dual shaft and dual motor. The motor can control the pan range from 0° to 355° and the tilt range from 0° to 90°, covering all the corners without any dead angles. This extends the monitoring area.

Broadcast-quality Audio

Audio signal transmission over coaxial cables is supported by the HDCVI camera. It adopts a unique audio processing and transmission technology that restores source audio and eliminates noise, ensuring the quality and reliability of the audio information that is collected. This becomes important for video surveillance applications that use audio information as a type of supplementary evidence.

* The parameters and datasheets below can only be applied to PT1200-IL-S6 series.

* In order to use the Smart Dual Light HDCVI camera, the firmware of XVR must be upgraded to V4.001.0000004.1.R.220323 or later version.

- Max. 30 fps@1080p.
- Smart Dual Light.
- Smart Area Lighting.
- Pan & Tilt.
- 40 m illumination distance.
- Super Adapt.
- Built-in Mic.
- Quick-to-install structure saves installation time.
- 3.6 mm fixed lens (2.8 mm optional).
- IP66, 12 VDC.



Smart Dual Light

With its smart dual light mechanism, the camera automatically turns on the white light when Perimeter Protection/SMD Plus function of AI XVR detects a target in the rule area to capture clear, vivid images. When the target leaves the rule area, the camera automatically switches over from the white light to the IR light to significantly reduce light pollution.

Easy Installation

HDCVI PT camera comes with a quick-to-install design, which makes it easier to install than conventional camera and reduces cost on time and labor.

Super Adapt

With its intelligent algorithm, the camera automatically adjusts its parameters to provide optimal performance and vivid images.

4 Signals over 1 Coaxial Cable

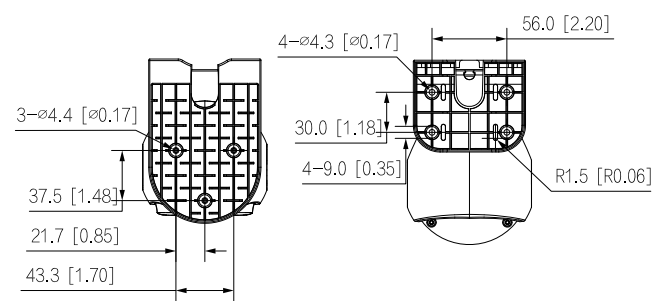
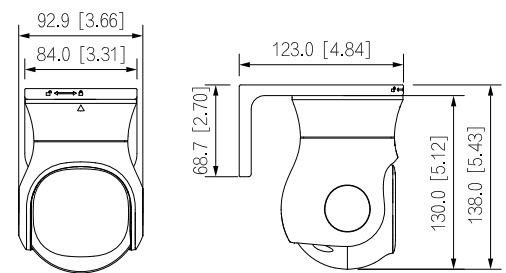
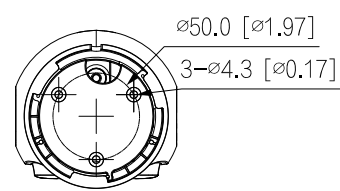
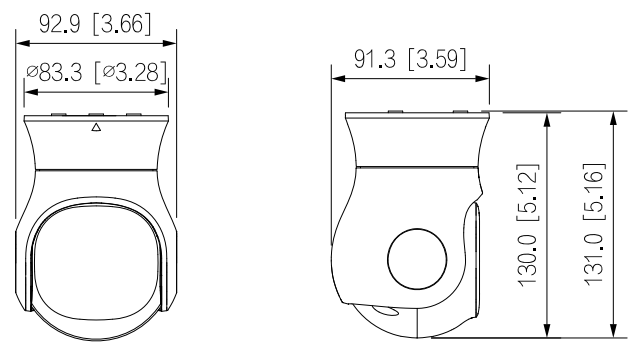
HDCVI technology supports 4 signals (video, audio*, data and power) which are simultaneously transmitted over a coaxial cable. Dual-way data transmission allows the HDCVI camera to interact with the XVR to perform various actions such as sending control signals and triggering alarms. HDCVI technology also supports PoC, which makes the camera easy and quick to install.

* Audio input is available for select HDCVI camera models.

Technical Specification							
Camera						White Balance	Auto;Manual
Image Sensor						Gain Control	Auto;Manual
Max. Resolution						Noise Reduction	3D NR
Scanning System						Illumination Mode	Smart IR&WL; WL Mode; IR Mode
Electronic Shutter Speed						Mirror	Yes
Min. Illumination						Privacy Masking	Off/On (8 areas, rectangle)
S/N Ratio						Certification	
Illumination Distance						Certifications	CE-LVD: EN 62368-1; CE-EMC: EN 55032; EN 55035
Illuminator On/Off Control						Port	
Illuminator Number						Video Output	Video output choices of CVI/TVI/AHD/CVBS by one BNC port
Angle Adjustment						Audio Input	One channel built-in Mic
Lens						Power	
Lens Type						Power Supply	12 VDC ± 30% (It is recommended to use a power adapter to supply the power for one camera)
Auto Focus						Power Consumption	Max 6.1 W (12 V DC, LED on)
Lens Mount						Environment	
Focal Length						Operating Temperature	−40 °C to +60 °C (−40 °F to +140 °F)
Max. Aperture						Operating Humidity	<95% (RH), non-condensing
Field of View						Storage Temperature	−40 °C to +60 °C (−40 °F to +140 °F)
Iris Control						Storage Humidity	<95% (RH), non-condensing
Close Focus Distance						Protection	IP66
DORI Distance	Lens	Detect	Observe	Recognize	Identify	Anti-corrosion Level	Basic Protection
	2.8 mm	41.4 m (135.83 ft)	16.5 m (42.13 ft)	8.3 m (27.23 ft)	4.1 m (13.45 ft)	Structure	
	3.6 mm	50.9 m (166.99 ft)	20.3 m (66.60 ft)	10.2 m (33.46 ft)	5.1 m (16.73 ft)	Casing Material	Plastic
						Product Dimensions	92.9 mm × 91.3 mm × 130 mm (3.66" × 3.59" × 5.12")
Video						Net Weight	0.39 kg (0.86 lb)
Video Frame Rate						Gross Weight	0.64 kg (1.41 lb)
Resolution						Installation	Wall mount; ceiling mount; vertical pole mount
Day/Night							
BLC							
WDR							

Ordering Information		
Type	Model	Description
2MP Camera	DH-HAC-PT1200AP-IL-A	2MP Smart Dual Light HDCVI PT Camera, PAL
	DH-HAC-PT1200AN-IL-A	2MP Smart Dual Light HDCVI PT Camera, NTSC
Accessories (Optional)	PFA12C	Plastic Junction Box
	PFM800-E	1 Channel Passive HDCVI Balun
	PFM321D	12V 1A Power Adapter
	PFM904	Integrated Mount Tester

Dimensions (mm[inch])



Accessories

Optional:



PFA12C
Plastic Junction Box



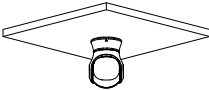
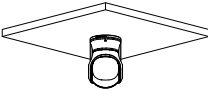
PFM800-E
1 Channel Passive HDCVI Balun



PFM321D
12V 1A Power Adapter



PFM904
Integrated Mount Tester

Ceiling Mount	Ceiling Mount	Wall Mount
		
Pole Mount (Vertical)		
