

PIX-HDF511CLBDA

5MP HDCVI Full-Color Active Deterrence Fixed Eyeball Camera



- 24/7 color imaging
- **Active** deterrence with red blue light, siren and alarm out interface
- Quick-to-install eyeball save installation time.
- Max. 20 fps@5MP
- 2.8 mm fixed lens (3.6 mm optional)
- 40 m illumination distance
- IP67, 12V±30% DC



System Overview

This model supports active deterrence feature which warns off intruders with red blue light and siren even before users are aware of the incident. It is able to alert intruder accurately by SMD Plus or Perimeter Protection of XVR. This camera is an ideal choice for applications which require intrusion protect and video verification, such as courtyards, offices, warehouses, stores.

Functions

4 Signals over 1 Coaxial Cable

HDCVI technology supports 4 signals to be transmitted over 1 coaxial cable simultaneously, such as video, audio*, data and power. Dual-way data transmission allows the HDCVI camera to interact with the HCVR, such as sending control signal or triggering alarm. Moreover, HDCVI technology supports PoC for construction flexibility.

* Audio input is available for some models of HDCVI cameras.

Long Distance Transmission

HDCVI technology guarantees real-time transmission at long distance without any loss. It supports up to 700 m transmission for 5MP HD video overcoaxial cable, and up to 300 m over UTP cable.*

Simplicity

HDCVI technology inherits the born feature of simplicity from traditional analog surveillance system, making itself a best choice for investment protection. HDCVI system can seamlessly upgrade the traditional analog system without replacing existing coaxial cabling. The plug and play approach enables full HD video surveillance without the hassle of configuring a network.

Active Deterrence

Active deterrence is to warn off intruders actively with red blue light and siren even before users are aware of the incidence. Once an intrusion is detected, the red blue light will flash and the siren will buzzer to alert the intruder. The content of siren is configurable.

Full-color

The camera adopts F1.2 large aperture lens and 1/2.7" high performance sensor. With higher amount of absorbed light and advanced image processing algorithm, the camera can be able to present 24/7 colored image that provides color details to accurately identify people or objects in low light conditons.

Warm Supplemental lights

With two warm supplemental LED lights, the camera is able to provide a colorful and vivid image even in total darkness. It also provides visible by default, the camera is set to smart light mode, in which the camera can automatically adjust the exposure time and light sensitivity simultaneously to avoid overexposure of the objects in the image center. Also, the sensitivity and intensity of the LED lights can be remotely controlled by OSD menu.

Protection

The camera's outstanding reliability is unsurpassed due to its rugged design. The camera is protected against water and dust with IP67, making it suitable for indoor or outdoor environments. Supporting ±30% input voltage tolerance, this camera suits even the most unstable power supply conditions. Its 4KV lightning rating provides protection against the camera and its structure from the effects of lightning.

Easy Installation

HDCVI quick-to-install eyeball adopts quick-to-install pedestal, which can achieve easier installation than conventional eyeball. Quick-to-install camera reduces time and labor costs.

Technical Specification						
Camera						
Image Sensor		1/2.7" CMOS				
Max. Resolution		2592 (H) × 1944 (V)				
Pixel		5MP				
Scanning System		Progressive				
Electronic Shutter Speed		PAL: 1/25 s–1/100000 s NTSC: 1/30 s–1/100000 s				
S/N Ratio		>65 dB				
Min. Illumination		0.005 Lux/F1.2, 0 Lux warm light on				
Illumination Distance		40 m (131.2 ft)				
Illumination Type		Warm light				
Illuminator On/Off Control		Auto; manual				
Illuminator Number		2 (Warm light)				
Pan/Tilt/Rotation Range		Pan: 0°–360° Tilt: 0°–78° Rotation: 0°–360°				
Lens						
Lens Type		Fixed-focal				
Mount Type		M12				
Focal Length		2.8 mm; 3.6 mm				
Max. Aperture		2.8 mm: F1.2 3.6 mm: F1.2				
Field of View		2.8 mm: H: 98°; V: 71°; D: 129° 3.6 mm: H: 83°; V: 60°; D: 112°				
Iris Type		Fixed iris				
Close Focus Distance		2.8 mm: 1.6 m (5.25 ft) 3.6 mm: 1.9 m (6.23 ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify	
	2.8 mm	67.4 m (221.1 ft)	27 m (88.6 ft)	13.5 m (44.3 ft)	6.7 m (22.0 ft)	
	3.6 mm	77.8 m (255.3 ft)	31.1 m (102.0 ft)	15.6 m (51.2 ft)	7.8 m (25.6 ft)	
Video						
Frame Rate		CVI: 5M@20 fps, 4M@25 fps/30 fps, 1080p@25 fps/30 fps; AHD: 5M@20 fps; TVI: 5M@20 fps; CVBS: 960H				
Resolution		5M (2592 × 1944); 4M (2560 × 1440); 1080p (1920 × 1080); 960H (960 × 576/960 × 480)				
BLC Mode		BLC/HLC/DWDR				
WDR		DWDR				
White Balance		Auto/Manual				
Gain Control		Auto/Manual				
Noise Reduction		2D				
Smart Light		Yes				
Mirror		Off/On				
Privacy Masking		Off/On (8 Area, Rectangle)				
Certifications						
Certifications		CE (EN55032:2015, EN61000-3-2:2014, EN61000-3-3:2013, EN55024:2010+A1:2015, EN 55035:2017, EN50130-4:2011+A1:2014) FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014) UL (UL60950-1+CAN/CSA C22.2 No.60950-1) IEC 62368-1:2014 (Second Edition)				
Port						
Video Output		1 BNC output Support CVI/TVI/AHD/CVBS				
Alarm out		1ch alarm out				
Active Deterrence						
Red/Blue Light Warning		Flash: 5 s–30 s; frequency: high/medium/low				
Sound Warning		Audio 1/2/3; Volume: high/medium/low; duration: 5 s–30 s; 110 dB				
Power						
Power Supply		12V ±30% DC				
Power Consumption		Max 7.7W (12V DC, warm light on)				
Environment						
Operating Temperature		–40°C to +60°C (–40°F to 140°F); <95% (non-condensation)				
Storage Temperature		–40°C to +60°C (–40°F to 140°F); <95% (non-condensation)				
Ingress Protection		IP67				
Structure						
Casing		Cover: Metal Rear: Plastic Pedestal: Plastic				
Camera Dimensions		Φ109.9 mm × 100.9 mm (Φ4.33" × 3.97")				
Net Weight		0.32 kg (0.71 lb)				
Gross Weight		0.50 kg (1.10 lb)				

Accessories

Optional:



ACM247
Junction Box

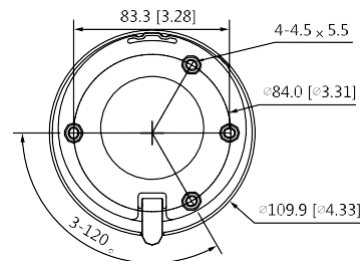
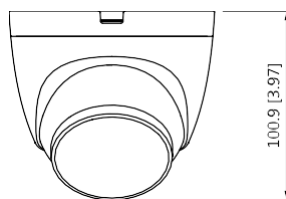


ACM221
IP66 Junction Box



ACM262
Pole Mount Bracket

Dimensions (mm[inch])



Junction Mount	Wall Mount	Pole Mount(Vertical)