

# DH-HAC-ME1200B-LED

2MP HDCVI Active Deterrence Camera

## HDCVI



- · Max 30fps@1080P
- · HD and SD output switchable
- · 2.8mm/3.6mm fixed lens
- · 10m/110° detecting range/angle
- · Max. IR length 20m, Smart IR
- · IP67, DC12V













#### **System Overview**

This PIR model is an indoor/outdoor dual detection camera which uses both video and infrared sensor to achieve accurate motion detection functionality. It also supports active deterrence feature which warns off intruders with white light even before users are aware of the incident. This camera is an ideal choice for applications which require intrusion protect and video verification , such as courtyards, offices, warehouses, stores, etc.

#### **Functions**

#### 4 Signals over 1 Coaxial Cable

HDCVI technology supports 4 signals to be transmitted over 1 coaxial cable simultaneously, i.e. 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.

 $\ensuremath{^{*}}$  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 700m transmission for 5MP HD video via coaxial cable, and up to 300m via UTP cable.\*

\*Actual results verified by real-scene testing in Dahua's test laboratory.

#### 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.

#### **Dual Detection**

The detection accuracy is well guaranteed with both motion detection and PIR detection, which can eliminate the number of false alarms you receive. With the advantage of dual detection technology, your HDD will now last longer and not be recorded with false alarms. Gone are the days of alarms caused by heavy wind or rain. Instead, only true threats will instantly trigger an alarm and allow you to protect your loved ones.

#### **Active Deterrence**

Active deterrence is to warn off intruders actively with white light even before users are aware of the incidence. Once an intursion is detected, the white light will turn on to alert the intruder. The white light can be set to Normally on or Flash.

#### **Smart IR**

The camera is designed with array LED IR illumination for best lowlight performance. Smart IR is a technology to ensure brightness uniformity in B/W image under low illumination. Dahua's unique Smart IR adjusts to the intensity of camera's infrared LEDs to compensate for the distance of an object, and prevents IR LEDs from overexposing images as the object come closer to the camera.

#### **Broadcast-quality Audio**

Audio information is used as supplementary evidence in video surveillance applications. The HDCVI camera supports audio signal transmission over coaxial cable. In addition, it adopts unique audio processing and transmission technology that best restores source audio and eliminates noise, guaranteeing the quality and effectiveness of collected audio information.

#### 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.

With PIR working temperature range of -10  $^{\circ}$ C to +50  $^{\circ}$ C (14  $^{\circ}$ F to +122  $^{\circ}$ F), the MotionEye is designed for extreme temperature 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.

## PIR Series | DH-HAC-ME1200B-LED

Technical Specification			OSD Menu	Multi-language	
Camera			BLC Mode	BLC / HLC / DWDR	
Image Sensor	1/2.7" CMOS		WDR	DWDR	
Effective Pixels	1920(H)×1080(V), 2MP		Gain Control	AGC	
Scanning System	Progressive		Noise Reduction	2D	
Electronic Shutter Speed	PAL: 1/25~1/100000s NTSC: 1/30~1/100000s		White Balance	Auto / Manual	
Minimum Illumination	0.02Lux/F2.0(Color), 30	DIRE, OLux IR on	Smart IR	Auto / Manual	
S/N Ratio	More than 65dB		PIR		
IR Distance	Up to 20m (66feet)		Detection	Passive infrared	
IR On/Off Control	Auto / Manual		Detection Range	10m, 110°	
IR LEDs	1		Alarm Prompt	White light	
Lens			White Light Mode	Alert/Lighting	
Lens Type	Fixed lens / Fixed iris		Installation height	Defualt bracket, wall mount, 2.2-3m	
Mount Type	Board-in		Certifications	Certifications	
Focal Length  Max Aperture	2.8mm (3.6mm Optional) F2.0		Certifications	CE (EN55032, EN55024, EN50130-4) FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-20 UL (UL60950-1+CAN/CSA C22.2 No.60950-1)	
Angle of View	H: 112° (88°) V: 59° (47°)		Interface		
Focus Control	N/A		Audio Interface	N/A	
Close Focus Distance	500mm(900mm)		Eelectrical		
20"(35")		Power Supply	12V DC ±30%		
DORI Distance			Power Consumption	Max 4.3W (12V DC, IR on)	
Note: 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			Environmental		
·	test result according to EN 62676-4 which defines the Recognize and Identify respectively.		Operating Conditions	-10°C $^{\sim}$ +50°C (+14°F $^{\sim}$ +122°F) / Less than 95% R * Start up should be done at above-10°C (14°F)	
	DORI Definition	Distance	Storage Conditions	-10°C ~ +50°C (+14°F ~ +122°F) / Less than 95% R	
Detect	25px/m (8px/ft)	2.8mm: 37m(122ft) 3.6mm: 53m(175ft)	Ingress Protection &Vandal Resistance	IP67	
Observe	63px/m (19px/ft)	2.8mm: 15m(49ft) 3.6mm: 21m(70ft)	Construction		
Recognize	125px/m (38px/ft)	2.8mm: 8m(25ft) 3.6mm: 11m(35ft)	Casing	Aluminium (Front cover) + Plastic (Rear Barrel)	
	(38px/1t)	2.8mm: 4m(12ft)	Dimensions	146.6mm×72.4mm×83mm (5.77"×2.85"×3.27")	

2.8mm: 4m(12ft)

3.6mm: 5m(17ft)

250ppm

(76px/ft)

Pan: 0° ~ 360°

1080P (1920×1080)

Auto (ICR) / Manual

25/30fps@1080P, 25/30fps@720P

video output (Can switch)

1-channel BNC high definition video output / CVBS

Tilt: 0° ~ 90° Rotation: 0° ~ 360°

Identify

Video Resolution

Frame Rate

Video Output

Day/Night

Pan / Tilt / Rotation

Pan/Tilt/Rotation

Net Weight

Gross Weight

0.23kg (0.51lb)

0.30kg (0.66lb)

## PIR Series | DH-HAC-ME1200B-LED

Ordering Information					
Туре	Part Number	Description			
2MP Camera	DH-HAC-ME1200BP-LED 2.8mm	2MP HDCVI Active Deterrence Camera, PAL			
	DH-HAC-ME1200BN-LED 2.8mm	2MP HDCVI Active Deterrence Camera, NTSC			
	DH-HAC-ME1200BP-LED 3.6mm	2MP HDCVI Active Deterrence Camera, PAL			
	DH-HAC-ME1200BN-LED 3.6mm	2MP HDCVI Active Deterrence Camera, NTSC			
Accessories	PFA134	Junction box (For use alone or with PFA152-E pole mount)			
	PFA152-E	Pole mount (For use with PFA134 junction box)			
	PFM800-E	Passive HDCVI Balun			
	PFM800-4MP	Passive HDCVI Balun			
	PFM801-4MP	Passive HDCVI Balun with Power			
	PFM321	12V 1A Power Adapter			
	PFM320D-015	12V 1.5A Power Adapter			

#### Accessories

#### Optional:



PFA134 Junction box



Pole mount



PFM800-E Passive HDCVI Balun



PFM800-4K Passive Video Balun



PFM800B-4K Passive Video Balun



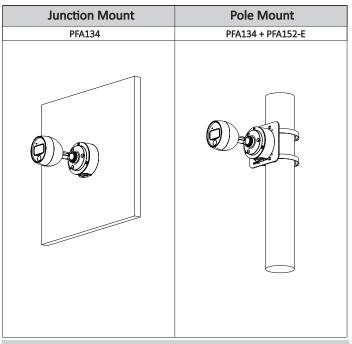
PFM321 12V 1A Power Adapter



PFM320D-015 Power Adapter



PFM300 12V 2A Power Adapter



### Dimensions (mm/inch)

