

# DH-HAC-ME1239TQ-A-PV

2MP Smart Dual Illuminators Active Deterrence HDCVI Eyeball Camera



- \* The parameters and datasheets below can only be applied to 1239-S2 series. Intelligent Voice Alarm function which can be used with Scheduled AI of AI XVR is only available for TiOC 2.0 camera.
- · Active deterrence with red blue light, siren and alarm out interface.
- · Max. 30 fps@1080p.
- 130 dB true WDR, 3D NR.
- · Smart Dual Illuminators.
- 40 m illumination distance.
- · Super Adapt, Built-in MIC.
- 3.6 mm fixed lens (2.8 mm optional).
- · CVI/CVBS/AHD/TVI switchable.
- IP67, 12 VDC.













### **System Overview**

The Active Deterrence Series offers a multi-dimensional system that links surveillance videos to alarms, audio prompts and various types of information to assist with verifying potential risks. Cameras in this series actively warn off intruders with light and sound, while keeping you up to date of events in real-time through alarm-over-coax and its live view.

### **Functions**

### **Smart Dual Illuminators**

With its smart dual illumination mechanism, the camera automatically turns on the white light when Perimeter Protection/SMD Plus function of AI XVR detects a target in therule 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 illuminator to significantly reduce light pollution.

### **Active Deterrence**

Designed with active deterrence technology, the camera turns on a siren and a red-blue light that flashes in intervals to deter and warn off intruders. The siren has customizable settings.

### **Wide Dynamic Range**

With its advanced Wide Dynamic Range technology (WDR), the camera captures highly detailed images and produces high-definition recordings in high-contrast lighting conditions, and in scenes with backlighting or shadows.

### **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.

### **Advanced 3DNR**

Dahua's advanced 3DNR technology reduces image noise with little to no impact on image sharpness, especially in poor lighting conditions. It detects the noise, and compares the sequential frames to effectively reduce the noise. It also makes efficient use of bandwidth, saving on storage space.

### **Super Adapt**

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

### **Protection**

IP67: The camera passed a series of rigorous dust and immersion tests. Its enclosure is both dust-proof and waterproof, and can function normally while being immersed in 1 m deep water for up to 30 minutes. Wide voltage: The camera has  $\pm 30\%$  input voltage tolerance (for some power supplies) and a wide voltage range, making it suitable for a variety of outdoor scenarios.

### **Easy Installation**

The camera comes with an easy-to-install eyeball and pedestal, that cuts down on installation time and cost, outranking conventional eyeballs.

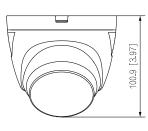
Technical Specification						Gain Control	Auto/Manual
Camera						Noise Reduction	3D NR
Pixel		2 MP				Smart Illumination	Yes
Image Sensor		2 MP CMOS				Mirror	Off/On
Max. Resolution		1920 (H) × 1080 (V)				Privacy Masking	Off/On (8 areas, rectangle)
Scanning System		Progressive				Illuminator	Smart IR&WL WL Mode; IR Mode
Electronic Shutter Speed		PAL: 1/25 s-1/100,000 s NTSC: 1/30 s-1/100,000 s				Active Deterrence	
Min. Illumination		0.001 lux@F1.6 (Color, 30 IRE) 0.0001 lux@F1.6 (B/W, 30 IRE) 0 lux (Illuminator on)				Sound Warning	Audio1: alarm Audio2: No parking here Audio3: Private land no entry. Audio4: Warning zone keep off Audio5: Welcome Volume: high/medium/low;
S/N Ratio		>65 dB					
Illumination Distance		IR: 40 m (131.23 ft) Warm light: 40 m (131.23 ft)				Red/Blue Light Warning	duration: 5 s–60 s; 110 dB Flash: 5 s–60 s; frequency: high/medium/low
Illuminator On/Off Control		Auto/Manual				Certification	
Illuminator Number Pan/Tilt/Rotation Range		2 (IR light) 2 (Warm light)  Pan: 0°-360° Tilt: 0°-78° Rotation: 0°-360°				Certifications	CE (EN55032: 2015, EN61000-3-2: 2014, EN61000-3-3: 2013, EN55024:2010+A1: 2015, EN55035: 2017, EN50130-4: 2011+A1: 2014, EN62368-1: 2014+A11: 2017) FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014)
Lens							UL (UL62368-1+CAN/CSA C22.2 No.62368-1-14)
Lens Type		Fixed-focal				Port	Vide a subsub shairs of OU/TVU/AUD/OUDG by and
Lens Mount		M12				Video Output	Video output choices of CVI/TVI/AHD/CVBS by one BNC port
Focal Length		2.8 mm 3.6 mm				Audio Input	One channel built-in MIC (-A)
Max. Aperture		F1.6				Power	
Field of View		2.8 mm: H: 108°; V: 58°; D: 127° 3.6 mm: H: 86°; V: 46°; D: 101°				Power Supply	12 VDC ± 30%(It is recommended to use a power adapter to supply the power for one camera)
Iris Control		Fixed				Power Consumption	Max 7.6 W (12 VDC, IR on)
Close Focus Distance		2.8 mm: 0.7 m (2.29 ft)				Environment	
	Lens	3.6 mm: 1.1 m (3.61 ft)  Detect Observe Recognize Id		Identify	Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)	
DORI Distance		42.2 m	16.9 m	8.4 m	4.2 m	Operating Humidity	<95% (RH), non-condensing
	2.8 mm	(138.45 ft)	(55.45 ft)	(27.56 ft)	(13.78 ft)	Storage Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
	3.6 mm	53.7 m (176.18 ft)	21.5 m (70.54 ft)	10.7 m (35.10 ft)	5.4 m (17.72 ft)	Protection	IP67
Video						Structure	
Video Frame Rate		CVI: PAL: 1080p@25 fps; NTSC: 1080p@30 fps; AHD: PAL: 1080p@25 fps; NTSC: 1080p@30 fps; TVI: PAL: 1080p@25 fps; NTSC: 1080p@30 fps;				Casing Material	Inner core: Metal + plastic Cover: Plastic
						Product Dimensions	Φ109.9 mm × 100.9 mm (Φ4.33" × 3.97")
						Packaging Dimensions	148 mm × 139 mm × 137 mm (5.83" × 5.47" × 5.39")
						Net Weight	0.32 kg (0.71 lb)
		CVBS: PAL: 960 × 576H;				Gross Weight	0.50 kg (1.10 lb)
Resolution		NTSC: 960 × 480H 1080p (1920 × 1080); 960H (960 × 576/960 × 480)				Installation	Wall mount; ceiling mount; vertical pole mount
Resolution  Day/Night		Auto (ICR)/Color/B/W					
BLC		BLC; HLC; WDR					
WDR		130 dB					
White Balance		Auto; Area white balance					
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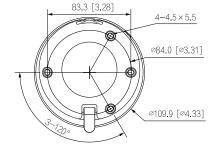
# Active Deterrence Series | DH-HAC-ME1239TQ-A-PV

Ordering Information							
Туре	Model	Description					
2MP Camera	DH-HAC-HDW1239TQP- A-PV	2MP Smart Dual Illuminators Eyeball Camera, PAL					
ZIVIP Camera	DH-HAC-HDW1239TQN- A-PV	2MP Smart Dual Illuminators Eyeball Camera, NTSC					
	PFA13G	Junction Mount					
	PFB205W	Wall Mount Bracket (For use alone or with PFA152-E)					
	PFA152-E	Pole Mount Bracket (For use with PFB205W)					
	PFA109	Ceiling Mount (For use alone or with PFB220C)					
Accessories (Optional)	PFB220C	Ceiling Mount (For use alone or with PFA109)					
	PFM321D	12V 1A Power Adapter					
	PFM904	Integrated Mount Tester					
	PFM800-4K	1-CH Passive Video Balun					
	ARA11	Indoor Siren					
	ARA16	Outdoor Siren					

# Junction Mount Ceiling Mount Wall Mount Pole Mount(Vertical)

# Dimensions (mm[inch])





### **Accessories**

### Optional:



PFA13G Junction Mount



PFB205W Wall Mount Bracket (For use alone or with PFA152-E)



PFA152-E Pole Mount Bracket (For use with PFB205W)



PFA109 Ceiling Mount (For use alone or with PFB220C)



PFB220C Ceiling Mount (For use alone or with PFA109)



PFM321D 12V 1A Power Adapter



PFM904 Integrated Mount Tester



PFM800-4K 1-CH Passive Video Balun



ARA11 Indoor Siren



ARA16 Outdoor Siren