

BM1239TLM-LED-A

2M Full-color Starlight HDCVI Bullet Camera



Functions

Full-color Starlight

The camera adopts F1.6 large aperture lens and 1/2.8" high performance sensor. With higher amount of absorbed light and advanced image processing algorithm, the camera presents an impressive lowlight performance with an exceptional balance between noise reduction and the blur of moving object.

Warm Supplemental lights

With one 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.

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

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

Long Distance Transmission

HDCVI technology guarantees long-distance and real-time transmission without any loss. It supports up to 800m for 1080P Full 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.

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.

*Broadcast-quality audio is available for some models of HDCVI cameras.

Multiple-formats

The camera supports multiple video formats including HDCVI, CVBS and other two common HD analog formats in the market. The four formats can be switched over through OSD menu or by PFM820 (UTC controller). This feature makes the camera to be compatible with most end users' existing HD/SD DVRs.

Protection

The camera's outstanding reliability is unsurpassed due to its rugged design. The camera is protected against water and dust with IP67 ranking, making it suitable for indoor or outdoor environments.

Camera				
Image Sensor	1/2.8 Inch 2.16 Mega Pixels CMOS			
Effective Pixels	1920 (H)×1080 (V), 2MP			
Electronic Shutter Speed	PAL:1/25s–1/100000s			
	NTSC:1/30s–1/100000s			
Minimum Illumination	0.005Lux/F1.6, 30IRE, 0Lux White Light On			
Fill Light (White Light) Distance	Distance Up to 40m (131.23ft)			
Fill Light On/Off Control	Auto; Manual			
Fill Light Number	2			
Pan/Tilt/Rotation Range	Pan: 0°–360°			
	Tilt: 0°–78°			
	Rotation: 0°–360°			
Lens				
Lens Type	Fixed-Focal			
Mount Type	M12			
Focal Length	3.6mm			
Max. Aperture	F1.6			
Angle of View	103.6°×86.9°×46.3° (Diagonal×Horizontal×Vertical)			
Iris Type	Fixed Iris			
Close Focus Distance	1.2m (3.94ft)			
DORI Distance	Detect	Observe	Recognize	Identify
	55.2m (181.1ft)	22.1m (72.5ft)	11.0m (36.0ft)	5.5m (18.0ft)
Video				
Video Frame Rate	CVI: PAL: 1080@25fps, 720@25fps, 720@50fps;			
	NTSC: 1080@30fps, 720@30fps, 720@60fps			
	AHD: PAL: 1080@25fps, 720@25fps;			
	NTSC: 1080@30fps, 720@30fps			
	TVI: PAL: 1080@25fps, 720@25fps, 720@50fps;			
	NTSC: 1080@30fps, 720@30fps, 720@60fps			
CVBS	PAL: 960×576H;			
	NTSC: 960×480H			
Resolution	1080P (1920×1080); 720P (1280×720); 960H (704×576/704×480)			
BLC	BLC/HLC/WDR			
WDR	DWDR			
White Balance	Auto; Manual			
Gain Control	Auto; Manual			

Video	
Noise Reduction	2D NR
Smart Light	Yes
Electronic Defog	Yes
Digital Zoom	16X
Mirror	Off/On
Privacy Masking	Off/On (4 Area, Rectangle)
Interface	
Audio Port	Built-in Mic
Port	
Video Port	Video Output Choices of CVI/TVI/AHD/CVBS by One BNC Port
Power	
Power Supply	12V ±30% DC
Power Consumption	Max 4.2W (12V DC, White 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)
Protection Grade	IP67
Structure	
Casing	Metal Front Cover+Plastic Main Body+Metal Bracket
Dimensions	198.4mm×80.2mm×76.2mm (7.81"×3.16"×3.00")
Net Weight	0.3Kg(0.66lb)
Gross Weight	0.45Kg(0.99lb)

Dimension

