

DH-HAC-HDW3200L

2MP HDCVI IR Eyeball Camera



- Max 30fps@1080p
- CVI/CVBS/AHD/TVI switchable
- Built-in Mic
- 2.1 mm fixed lens
- Max. IR length 3 m, Smart IR
- DC12V



System Overview

Experience 1080p full HD video and the simplicity of using existing cabling infrastructure with HDCVI. The Micro-size series 1080p HDCVI camera features a compact design and offers a high quality image at a friendly price. It offers various motorized/fixed lens models with a multi-language OSD and HD/SD switchable output. Its structural flexibility and high cost-performance makes the camera an ideal choice for SMB solutions.

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 XVR, 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 800 m (1080p)/1200 m (720p) transmission via coaxial cable, and up to 300 m (1080p)/450 m (720p) via UTP cable.*

*This function is available for select models.

Simplicity

HDCVI technology inherits the born feature of simplicity from traditional analog surveillance system, making itself the 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.

Smart IR

The camera is designed with IR LED 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.

Multi-language OSD

OSD menu provides multiple image adjustments and function settings to meet the requirements of different monitoring scenes. The OSD menu includes configurations such as backlight mode, day/night, white balance, privacy mask and motion detect. The camera supports 11 languages for OSD menu, namely, Chinese, English, French, German, Spanish, Portuguese, Italian, Japanese, Korean, Russian and Polish.

Technical Specification					Mirror		Off/On	
Camera					Privacy Masking		Off/On (8 area, rectangle)	
Image Sensor		1/2.7 inch CMOS			Certifications			
Max. Resolution		1920 (H) x 1080 (V)			Certifications			
Pixel		2MP			CE/FCC, UL, EN50155			
Scanning System		Progressive			Port			
Electronic Shutter Speed		PAL: 1/25 s–1/100000 s NTSC: 1/30 s–1/100000 s			Audio Interface			
S/N Ratio		>65 dB			Built-in Mic			
Min. Illumination		0.02 Lux/F2.0, 30IRE, 0 Lux IR on			Video Output			
Illumination Distance		3 m (9.8 ft)			Video output choices of CVI/TVI/AHD/CVBS by one BNC port			
Illuminator On/Off Control		Auto; manual			Power			
Illuminator Number		1 (IR)			Power Supply			
Pan/Tilt/Rotation Range		Pan: 40° Tilt: 55° Rotation: 360°			12V ±30% DC			
Lens					Power Consumption			
Lens Type		Fixed-focal			Max 1.9W (12V DC, IR on)			
Mount Type		M12			Environment			
Focal Length		2.1 mm			Operating Temperature			
Max. Aperture		F2.0			–40°C to +60°C (–40°F to 140°F); <95% (non-condensation)			
Field of View		H: 132°; V: 69°; D: 164°			Storage Temperature			
Iris Type		Fixed iris			–40°C to +60°C (–40°F to 140°F); <95% (non-condensation)			
Close Focus Distance		0.5 m (1.64 ft)			Structure			
DORI Distance		Detect	Observe	Recognize	Identify	Casing		
	2.1 mm	35.5m (116.5 ft)	14.2 m (46.6 ft)	7.1 m (23.3 ft)	3.5 m (11.5 ft)	Plastic		
Video					Dimensions			
Frame Rate		CVI: 1080p@25/30fps; 720p@25/30fps; 720p@50/60fps; AHD: 1080p@25/30fps; 720p@25/30fps; TVI: 1080p@25/30fps; 720p@25/30fps; 720p@50/60fps; CVBS: 960H			Net Weight			
Resolution		1080p (1920 × 1080); 720p (1280 × 720); 960H (960 × 576/960 × 480)			0.09 kg (0.20 lb)			
Day/Night		Electronic			Gross Weight			
BLC		BLC/HLC/DWDR			0.17 kg (0.37 lb)			
WDR		DWDR			Ordering Information			
White Balance		Auto; manual			Type	Part Number	Description	
Gain Control		Auto; manual			2MP Camera	DH-HAC-HDW3200LP 2.1 mm	2MP HDCVI IR Eyeball Camera, PAL	
Noise Reduction		2D NR				DH-HAC-HDW3200LN 2.1 mm	2MP HDCVI IR Eyeball Camera, NTSC	
Smart IR		Yes			Accessories	PFM321D	12V 1A Power Adapter	
						PFM904	Integrated Mount Tester	
						PFM800-E	Passive HDCVI Balun	
						PFM820	UTC Controller	

Accessories

Dimensions (mm[inch])

Optional:



PFM321D
12V 1A Power Adapter



PFM904
Integrated Mount Tester



PFM800-E
Passive HDCVI Balun



PFM820
UTC Controller

