

DH-HAC-HDW3200G-M

2MP Mobile HDCVI IR Miniature Eyeball Camera



- · Max 30fps@1080p
- · CVI/CVBS/AHD/TVI switchable
- · Built-in Mic
- · 3.6 mm fixed lens (2.8 mm optional)
- · Max. IR length 20 m, Smart IR
- · IP67, DC12V
- · Shock-proof













System Overview

Experience a 1080p full HD mobile video surveillance solution with the simplicity of analog infrastructure. The mobile camera is designed with a shock-proof, compact case, which makes it convenient to install and adaptable to various applications. It offers a high quality image as well as a multi-language OSD. In addition, the camera employs the strengths of HDCVI to ensure real-time transmission.

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.

Shock-proof

Vibration is inevitable in mobile applications. In order to avoid image or connection failure, the hardware structure of the mobile camera is shock-proof with the certification of EN50155. Plus, the mobile camera adopts M12 aviation connector for stable connection with MCVR.

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.

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. With working temperature range of -40°C to $+60^{\circ}\text{C}$ (-40°F to 140°F), the camera is designed for extreme temperature environments. Supporting $\pm 30\%$ 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.

DWDR

Auto; manual

Auto; manual

WDR

White Balance

Gain Control

Mobile C	amera	DH-HAC	-HDW:	3200G-N	√l					
Technical Specification						Noise Reduct	Noise Reduction 2D NR			
Camera					Smart IR	Smart IR		Yes		
Image Sensor		1/2.7 inch Cl	MOS			Mirror	Mirror		ff/On	
Max. Resolution	on	1920 (H) x 10	080 (V)			Privacy Mask	Privacy Masking		Off/On (8 area, rectangle)	
Pixel		2MP				Certifications				
Scanning Syste	em	Progressive				Certifications				
Electronic Shu	tter Speed	PAL: 1/25 s- NTSC: 1/30 s	-1/100000 s s-1/100000 s			Port				
S/N Ratio		>65 dB				Audio Interfa	Audio Interface Built-		Ліс	
Min. Illuminati	on	0.02 Lux/F2.	0, 30IRE, 0 Lux	(IR on		Video Output	Video ()utnut		el CVI/CVBS/AHD/TVI switchable video output connector)	
Illumination Di	istance	20 m (65.6 f	t)			Aviation Con	Aviation Connector Interface		1-power 2-video ground 3-power ground 4-video	
Illuminator On	/Off Control	Auto; manua	al			7111411911 99111				
Illuminator Number 1 (IR)					Power					
Pan/Tilt/Rotation Range		Pan: 0° – 360° Tilt: 0° – 78°				Power Supply		12V ±30% DC		
		Rotation: 0°	– 360°			Power Consumption		Max 2.3W (12V DC, IR on)		
Lens				Environment						
Lens Type		Fixed-focal				Operating Te	Operating Temperature		-40°C to $+60$ °C (-40 °F to 140 °F); < $95%$ (noncondensation)	
Mount Type Focal Length		M12 2.8 mm; 3.6	mm			Storage Temperature		-40°C to +60°C (-40°F to 140°F); <95% (non- condensation)		
Max. Aperture		2.8 mm: F2.0)			Protection Gr	Protection Grade		IP67	
man. Aperture		3.6 mm: F2.0		110°		Structure				
Field of View			l01°; V: 54°; D: 34°; V: 45°; D: 1			Casing		Metal		
Iris Type		Fixed iris				Dimensions		Φ62.0 mm × 61.7 mm (Φ2.44" × 2.43")		
Close Focus Distance		2.8 mm: 0.5 3.6 mm: 0.8	,			Net Weight	Net Weight		0.17 kg (0.37 lb)	
DORI Distance		Detect	Observe	Recognize	Identify	Gross Weight	s Weight		0.27 kg (0.6 lb)	
	2.8 mm	38.6 m (126.6 ft)	15.4 m (50.5 ft)	7.7 m (25.3 ft)	3.9 m (12.8 ft)	Ordering	Ordering Information			
	3.6 mm	49.7 m (163.1 ft)	19.9 m (65.3 ft)	9.9 m (32.5 ft)	5.0 m (16.4 ft)	Туре	Part Number		Description	
Video						DH-HAC-				
		CVI: 1080p@	25/30fps; 720	Op@25/30fps;			HDW3200GP- 2.8 mm	·M	2MP Mobile HDCVI IR Miniature Eyeball	

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	3.6 mm	49.7 m (163.1 ft)	19.9 m (65.3 ft)	9.9 m (32.5 ft)	5.0 m (16.4 ft)	Туре	Part Number	Description		
Video						2MP Camera	DH-HAC- HDW3200GP-M	2MP Mobile HDCVI IR Miniature Eyeball Camera, PAL		
			25/30fps; 720	p@25/30fps;			2.8 mm			
Frame Rate			@25/30fps; 72 025/30fps; 720				DH-HAC- HDW3200GP-M 3.6 mm	Same of the same o		
		CVBS: 960H					DH-HAC- HDW3200GN-M			
Resolution		1080p (1920 576/960 × 48	× 1080); 720p 30)	(1280 × 720);	960H (960×		2.8 mm	2MP Mobile HDCVI IR Miniature Eyeball		
Day/Night		Auto switch by ICR					DH-HAC- HDW3200GN-M 3.6 mm	Camera, NTSC		
BLC		BLC/HLC/DW	/DR				3.0 111111			

Aviation Connector

Dimensions (mm[inch])







