

DH-HAC-HUM3200A

2MP IR HDCVI Fixed-focal Cube Camera



System Overview

The Micro-size Series packs high performance into a small size. It provides a variety of solutions for scenarios that require small-sized cameras, and boasts a large angle of view. These cameras are convenient to carry and produce high quality images.

Functions

Super Adapt

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

Smart IR Illumination

With its IR illumination, the camera provides optimal performance in low light conditions, ensuring uniformity in the brightness of B/W images. Through its smart IR technology, the camera also compensates for the distance of targets by adjusting the intensity of its IR LEDs, preventing overexposure of images as targets move closer to the camera.

4 Signals over 1 Coaxial Cable

HDCVI technology supports 4 signals (video, audio*, data and power) which are simultaneously transmitted over a coaxial cable. Dual-way data transmission allows the HDCVI camera to interact with the XVR to perform various actions such as sending control signals and triggering alarms. HDCVI technology also supports PoC, which makes the camera easy and quick to install.

* Audio input is available for select HDCVI camera models.

- * The parameters and datasheets below can only be applied to 3200-S5 series.
- · Max 30 fps@1080p.
- · 10 m illumination distance (940nm IR No IR Exposure).
- · Super Adapt.
- · 2.8 mm fixed lens.
- · CVI/CVBS/AHD/TVI switchable.
- · 12 VDC.







Long Distance Transmission

HDCVI technology provides long distance transmission in real time without transmission loss. It supports transmission distances up to 700 m for 2-MP/5-MP/8-MP HD videos through coaxial cables, and up to 300 m through UTP cables. The results were obtained and verified through rigorous testing in Dahua's test laboratory.

Multi-language OSD

The OSD offers multiple functions to meet the many requirements of a monitoring scene, such as backlight mode, day/night mode, white balance, privacy mask, and motion detection. 11 languages are available for OSD: Chinese, English, French, German, Spanish, Portuguese, Italian, Japanese, Korean, Russian and Polish.

Technical Specification					
Camera					
Image Sensor		2 MP CMOS			
Max. Resolution		1920 (H) × 1080 (V)			
Scanning System		Progressive			
Electronic Shutter Speed		PAL: 1/25 s-1/100000 s NTSC: 1/30 s-1/100000 s			
Min. Illumination		0.01 lux@F2.0 (B/W, 30 IRE) 0 lux (Illuminator on)			
S/N Ratio		>65 dB			
Illumination [Distance	10 m (32.81 ft)			
Illuminator On/Off Control		Auto/Manual			
Illuminator N	umber	2 (IR light)			
Pan/Tilt/Rotation Range		Pan: 0°–360° Tilt: 0°–90° Rotation: 0°–360°			
Lens					
Lens Type		Fixed-focal			
Lens Mount		M12			
Focal Length		2.8 mm			
Max. Aperture		F2.0			
Field of View		H: 105°; V: 58°; D: 118°			
Iris Control		Fixed			
Close Focus [Distance	0.5 m (1.64 ft)			
DORI	Lens	Detect	Observe	Recognize	Identify
Distance	2.8 mm	42.1 m (138.12 ft)	16.8 m (55.12 ft)	8.4 m (27.56 ft)	4.2 m (13.78 ft)
ABF		Yes			
Video					
Video Frame	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 CVBS: PAL: 960H; NTSC: 960H		
Resolution		1080p (1920 × 1080)			
Day/Night		Color/B/W			
BLC		BLC; DWDR; HLC			
WDR		DWDR			
White Balance		Auto; Area white balance			
Gain Control		Auto/Manual			
Noise Reduction		2D NR			
Illumination Mode		Smart IR			
Mirror		Yes			
Privacy Masking		Off/On (8 areas, rectangle)			

Certification

l 62368-1; N 55032; EN 55035; R FCC Part 15, Subpart B;

Port

Video Output	Video output choices of CVI/TVI/AHD/CVBS by one BNC
	port

Power

Power Supply	12 VDC ± 30%		
Power Consumption	Max 3.3 W (12 VDC, IR on)		

Environment

Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)		
Operating Humidity	<95% (RH), non-condensing		
Storage Temperature	-40 °C to +60 °C (-40 °F to +140 °F)		
Storage Humidity	<95% (RH), non-condensing		

Structure

Casing Material	Plastic
Product Dimensions	61.7 mm × 58.1 mm × 119.7 mm (2.43" × 2.29" × 4.71")
Net Weight	0.12 kg (0.26 lb)
Gross Weight	0.19 kg (0.42 lb)
Installation	Wall Mount

Ordering Information

Туре	Part Number	Description
2M Camera	DH-HAC-HUM3200AP	2MP IR HDCVI Fixed-focal Cube Camera, PAL
	DH-HAC-HUM3200AN	2MP IR HDCVI Fixed-focal Cube Camera, NTSC
Accessories	PFM800-E	1 Channel Passive HDCVI Balun
	PFM321D	12V 1A Power Adapter
	PFM904	Integrated Mount Tester

Accessories



PFM800-E 1 Channel Passive HDCVI Balun

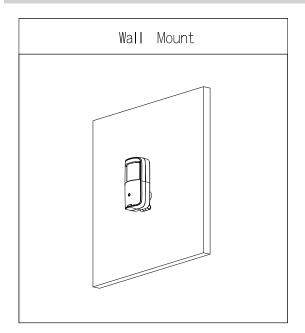


PFM321D 12V 1A Power Adapter



PFM904 Integrated Mount Tester

Installation



Dimensions (mm[inch])

