

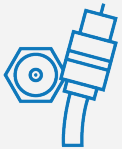


Optiview



HDCD5M-28-D

5MP Smart Night Color Armor Ball Coax Camera



5MP Over Coax

Capture HD video footage with 5MP HD-Over-Coax 2.8 MM fixed lens with a maximum aperture of F1.0



WDR

Wide Dynamic Range or (WDR) gives this camera the capability to handle brighter and darker conditions.



Smart Night Color

Get full night color only when you need when ID+ / Perimeter Protection detects targeted events.



IP67

All metal aluminum housing for indoor and outdoor installations.



Built-In Audio

The camera comes with an audio input cable to help you get even more data from every device.

SMART NIGHT COLOR

With its smart night color technology, the camera automatically turns on the white light when Perimeter Protection/ ID+ function of AI DVR detects a target in the rule 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.

BUILT-IN AUDIO

The HDCD5M-28-D comes with a built-in mic to help give you even more protection than a traditional still video.

ADVANCED 3DNR

Optiview'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.

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.

HDCD5M-28-D

5MP Smart Night Color Armor Ball Coax Camera



WIDE DYNAMIC RANGE

The camera achieves vivid images, even in the most intense contrast lighting conditions, using industry-leading wide dynamic range (WDR) technology. For applications with both bright and low lighting conditions that change quickly, True WDR (120 dB) optimizes both the bright and dark areas of a scene at the same time to provide usable video.

LONG DISTANCE TRANSMISSION

HDCVI technology provides long distance transmission in real time without transmission loss. It supports transmission distances up to 2296 ft for 2MP / 5MP / 8MP HD videos through coaxial cables, and up to 984 ft through UTP cables.

COMMERCIAL GRADE EQUIPMENT

Built for endurance, this all metal housing is rated IP67, which means it is protected from water and dust. Mount this camera anywhere with its 3-axis cable management bracket. Additional junction boxes and brackets are available for additional installation options, and help further protect your cables and connections.

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 DVR 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.

PRODUCT SPECIFICATIONS

CAMERA	
Pixel	5MP
Image Sensor	5MP CMOS
Max. Resolution	2880 (H) x 1620 (V)
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/3 s -1/100000 s NTSC: 1/4 s-1/100000 s
Min. Illumination	0.001 lux @ F1.0 (Color, 30 IRE) 0.0001 lux @ F1.0 (B/W, 30 IRE) 0 lux (Illuminator on)
S / N Ratio	>65dB
Illumination Distance	IR: 131.23ft Warm Light: 131.23ft
Illuminator On / Off Control	Auto; Manual
Illuminator Number	2 (IR Light) 2 (Warm Light)

CAMERA CONT.	
Pan / Tilt / Rotation Range	Pan: 0° - 360° Tilt: 0° - 78° Rotation: 0° - 360°

LENS	
Lens Type	Fixed-Focal
Mount Type	M12
Focal Length	2.8 mm
Max. Aperture	F1.0
Field of View	H: 111°; V: 57°; D: 131°
Iris Control	Fixed
Close Focus Distance	4.92ft

DORI	
DORI Distance	Detect: 216.54ft
	Observe: 86.61ft
	Recognize: 43.31ft
	Identify: 21.65ft



PRODUCT SPECIFICATIONS

VIDEO		
Video Frame Rate	CVI: PAL: 5M @ 25 fps; 4M @ 25 fps; 1080p @ 25 fps NTSC: 5M @ 25 fps; 4M @ 30 fps; 1080p @ 30 fps	
	AHD: PAL: 4M @ 25 fps NTSC: 4M @ 30 fps	
	TVI: PAL: 4M @ 30 fps NTSC: 4M @ 30 fps	
	CVBS: PAL: 960H NTSC: 960H	
	Resolution	5M (2880 X 1620) 4M (2560 X 1440) 1080p (1920 X 1080) 960H (960 X 576 / 960 X 480)
	Day / Night	Auto (ICR) / Color / B/W
BLC	BLC; HLC; WDR; HLC-Pro	
WDR	120 dB	
White Balance	Auto; Area White Balance	
Gain Control	Auto; Manual	
Noise Reduction	3D NR	
Defog	Electronic Defog	
Digital Zoom	4x	
Mirror	Yes	
Privacy Masking	Off / On (8 areas, rectangle)	
Illumination Mode	Smart IR & WL; WL Mode; IR Mode	

CERTIFICATIONS	
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 + A1: 2017) FCC (CFR 47 FCC Part 15 subpart B, ANSI C63.4-2014) UL (UL62368-1 + CAN / CSA C22.2 No.62368-1-14)

PORT	
Video Output	Video output choices of CVI / TVI / AHD / CVBS by one BNC port
Audio Output	One channel built-in mic

POWER	
Power Supply	12 VDC ± 30%
Power Consumption	Max 5.7 W (12 VDC, LED On)

ENVIRONMENT	
Operating Temperature	-40 °F to 140 °F
Operating Humidity	<95% (RH), Non-Condensing
Storage Temperature	-40 °F to 140 °F
Protection	IP67

STRUCTURE	
Casing Material	Metal
Product Dimensions	ø 4.17" x 3.69"
Packaging Dimensions	5.83" x 5.47" x 5.39"
Net Weight	1.08 lb
Gross Weight	1.46 lb
Installation	Wall Mount; Ceiling Mount; Vertical Pole Mount

HDCD5M-28-D

5MP Smart Night Color Armor Ball Coax Camera



ADDITIONAL PRODUCTS



OPTIVIEW's VIDEO MONITORING SOFTWARE
Remote Monitoring



HDVR164K-Q2-AI
4K 16 Channel Coax DVR with Analytics



HDCB5M-28S
5MP HD-over-Coax Wide Angle Mini Bullet Camera



HDCD5M-28A-LED
5MP Full-color HD-over-Coax Armor Ball Camera



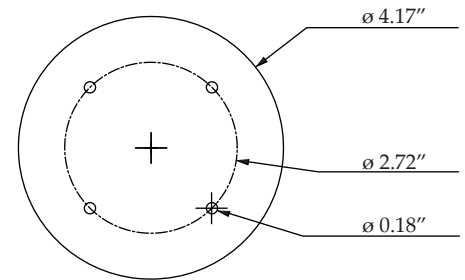
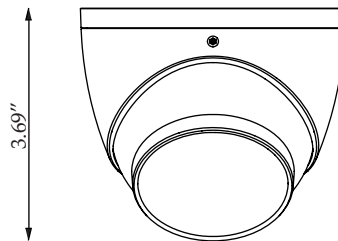
HDPTZ4M-30S
4MP HD-over-Coax PTZ Camera with 30X Zoom

COMPATIBLE BRACKETS

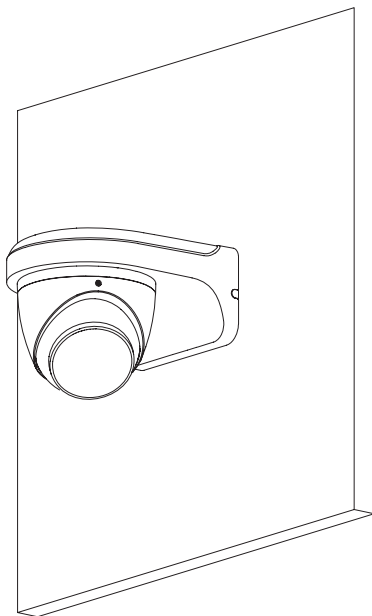


HDBKT3
Fixed / Varifocal Armor Ball Camera Wall Mount

DIMENSIONS



MOUNTING OPTIONS



Wall Mount