



Optiview



HDCD5M-28A-NCV

5 MP HDCVI IR Armor Ball Camera with Built-In Mic



5MP Over Coax

Capture HD video footage with 5MP HD-Over-Coax 2.8MM fixed lens with a maximum aperture of F1.6



131FT IR

High powered night vision with a minimum illumination of 0.005 LUX and IR.



109.1° View

Capture even more with an wide fixed 109.1° view with no distortion.



IP67

All metal aluminum housing for indoor and outdoor installations



Built-In Mic

This camera comes with a Built-In Mic getting you even more data and protection from your device.

BUILT-IN AUDIO

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

UP TO 131FT IR DISTANCE

The HDCD5M-28A-NCV is capable of producing a stunningly clear, colorful video with low illuminance enhancement for darker environments. In the darkest environments, on board IR illumination kicks in. The HDCD5M-28A-NCV provides clear video capture in both day and night with high definition video output.

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 it's 3-axis cable management bracket. Additional junction boxes and brackets are available for additional installation options, and help further protect your cables and connections.

NDA A COMPLIANCE

The John S. McCain National Defense Authorization Act (NDAA) is a United States federal law which specifies the budget, expenditures and policies of the U.S. Department of Defense. For Fiscal Year 2019, the NDAA Section 889, prohibits the U.S. government from procuring video and telecommunication equipment from certain Chinese companies and their subsidiaries. Some non government projects may require NDAA compliance if federal funding is being used.

HDCD5M-28A-NCV

5 MP HDCVI IR Armor Ball Camera with Built-In Mic



PRODUCT SPECIFICATIONS

CAMERA	
Pixel	5MP
Size	1/2.7"
Minimum Illumination	0.005 lux (F1.6, AGC ON) 0 lux (IR ON)
Lens	2.8mm
Lens Mount	M12
Angle of View	H: 109.1° V: 60.9° D: 126.7°
Illuminator	Two IR illuminators
Illumination Distance	131ft
Lifetime	≥60,000 hours

VIDEO	
Resolution	5MP @ 25fps: 2880(H) × 1620(V); 5MP @ 20fps: 2592(H) × 1944(V); 5MP @ 12.5fps: 2592(H) × 1944(V) 4MP: 2560(H) × 1440(V) 1080P: 1920(H) × 1080(V)
Frame Rate	TVI: 5MP @ 20fps (default), 5MP @ 12.5fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps AHD: 5MP @ 20fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps CVI: 5MP @ 25fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps CVBS: PAL, NTSC
Shutter Time	PAL: 1/25s-1/50000s NTSC: 1/30s-1/50000s

INTERFACE	
Power	5.5mm power interface
Video Output	BNC, supports TVI / AHD / CVI / CVBS

IMAGE	
Exposure Mode	Four Modes: Global (default), BLC, HLC, DWDR
Day / Night	Three Modes: Auto (default), Day, Night
Digital Noise Reduction	2D
White Balance	Two Modes: Auto (default), Manual
WDR	DWDR
Smart IR	Support
Flip	Supports 180° horizontal and vertical flip

AUDIO	
Microphone	Built-in Mic
Camera Audio	TVI: 5MP @ 20fps, 5MP @ 12.5fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps CVI: 5MP @ 25fps, 4MP @ 30fps, 4MP @ 25fps

OPERATING ENVIRONMENT	
Temperature	-22°F to 140°F
Humidity	≤95% (RH, non-condensing)
Surge Protection	4kV
Ingress Protection	IP67

GENERAL	
Power	DC 12V (±25%), with reverse polarity protection, Max 3.4W
Mount	Surface mount (default), optional backbox, wall mount bracket
Dimensions	Φ 4.37in * 3.86in (diameter*height)
Material	Metal + Plastic
Weight	0.74lb
Certification	CE, FCC, UL

ADDITIONAL PRODUCTS



OPTIVIEW'S VIDEO MONITORING SOFTWARE
Remote Monitoring



HDVR164K-Q2-NCV
16 Channel, 5 Way Ultra 4K HD DVR



HDCB5-28A-NCV
5MP HD Bullet Camera w/ Built-In Mic



HDCD8M-28A-NCV
4K / 8MP HD Armor Ball Camera w/ Mic



HDCD5M-28A-LED-NCV
Full Color 5MP HD Armor Ball Camera

HDCD5M-28A-NCV

5 MP HDCVI IR Armor Ball Camera with Built-In Mic



COMPATIBLE BRACKETS



BKT-05
Junction Box for
HD & IP Camera



BKT-03
Armor Dome Camera
Wall Mount Bracket

DIMENSIONS

