

OPTIVIEW



HDCD4KS-28A

4K HD-CVI Wide Angle Armor Ball Camera



4K / 8MP

Capture HD video footage with high definition 4K video surveillance over Coax.



98FT IR

High powered night vision with a minimum illumination of 0.03 LUX and IR.



105° View

Capture even more with an ultra-wide 105° horizontal view with no distortion.



IP67

All metal aluminum housing for indoor and outdoor installations.



Built-In Mic

The HDCD4KS-28A comes with a built in microphone for video + audio surveillance.

4K RESOLUTION

4K resolution captures images four times the pixel density of 1080P which means that the finer details, such as faces or smaller items can be viewed with more detail than traditional 1080P surveillance.

4-IN-1 TECHNOLOGY

The HDCD4KS-28A features a DIP switch which allows installers to choose their video signal technology. Transmit CVI, TVI, AHD, or analog video and audio over a single coax by choosing the mode on the available DIP switch. Plug and play capabilities allow for easy and quick installation on any DVR.

BUILT-IN AUDIO

The HDCD4KS-28A comes with a built-in mic to help give you even more protection than a traditional still video.

UP TO 98FT IR DISTANCE

The HDCD4KS-28A 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 HDCD4KS-28A 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.

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PRODUCT SPECIFICATIONS

CAMERA	
Image Sensor	1/2.7 inch CMOS
Effective Pixels	3840 (H) × 2160 (V), 4K
Scanning System	Progressive
Shutter Speed	NTSC: 1/30s-1/1000000s
S/N Ratio	>65dB
Min Illumination	0.03Lux / F2.0, 30IRE, 0Lux IR on
IR	98.4 ft
IR On/Off Control	Auto; Manual
IR LED Number	1
Pan / Tilt / Rotation	Pan: 0°-360°, Tilt: 0°-78°, Rotation: 0°-360°

LENS	
Lens Type	Fixed-focal
Mount Type	M12
Focal Length	2.8mm
Max. Aperture	F2.0
Angle of View	125° x 105° x 56° (D x H x V)
Iris Type	Fixed Iris
Close Focus Distance	3.3 ft
DORI Distance	Detect: 245.1ft, Observe: 98.1ft, Recognize: 48.9ft, Identify: 24.6ft

PORT	
Video Output	DIP switch (CVI/TVI/AHD/CVBS)
Audio Input	One channel, built-in mic

POWER	
Power Supply	12V ±30% DC
Power Consumption	Max 4.3W (12V DC, IR on)

VIDEO	
Frame Rate	CVI: 4K @ 25/30fps; 4K @ 15fps; 5M @ 20fps; 4M @ 25fps/30fps; AHD: 4K @ 15fps; TVI: 4K @ 15fps; CVBS: 960H
Resolution	4K (3840 × 2160); 5M (2592 × 1944); 4M (2560 × 1440); 960H (960 × 576/960 × 480)
Day / Night	Auto switch by ICR
BLC	BLC / HLC / WDR
WDR	DWDR
White Balance	Auto; Manual
Gain Control	Auto; Manual
Noise Reduction	2D NR
Smart IR	Yes
Mirror	Off / On
Privacy Masking	Off / On (8 area, rectangle)

CERTIFICATIONS	
Certifications	CE (EN55032, EN55024, EN50130-4, EN60950-1) FCC (CFR 47 FCC Part 15 subpart B, ANSI C63.4-2014) UL (UL60950-1+CAN/CSA C22.2 No.60950-1)

ENVIRONMENT	
Operating Temperature	-40°F to 140°F; <95% (non-condensation)
Storage Temperature	-40°F to 140°F; <95% (non-condensation)
Protection Grade	IP67

STRUCTURE	
Casing	Metal
Camera Dimensions	Φ3.82" × 3.38"
Net Weight	0.66lb
Gross Weight	0.84lb

ADDITIONAL PRODUCTS



HDVR84K-Q2AI
8 Channel Ultra 4K HD DVR with Analytics



HDCB4K-28A
4K Wide Angle HD-Over-Coax Bullet Camera



HDCAD4K-311MU
4K / 8MP Varifocal Armor Dome Camera



HDBKT3
Mounting Bracket



JB121
Mounting Bracket