

OPTIVIEW



HDCB4K-28A

4K Starlight HD-Over-Coax Bullet Camera w/ Built-in-Mic



4K Over Coax

Capture HD video footage with 8MP HD-Over-Coax 2.8MM variable focus lens with a maximum aperture of F1.6



Starlight

Advanced Starlight technology with a minimum of 0.005 LUX before IR turns on.



110° View

Capture even more with an wide angled 110° view with no distortion.



IP67

All metal aluminum housing for indoor and outdoor installations.



Built-In Mic

The HDCB4K-28A comes with a built in microphone to help you get even more data from every device.

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.

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.

BUILT-IN AUDIO

The HDCB4K-28A comes with a built-in mic to help give you even more protection than a traditional still video.

STARLIGHT TECHNOLOGY

The HDCB4K-28A is capable of producing a stunningly clear, colorful video with low illuminance enhancement for darker environments using starlight technology. Once the environment gets down below 0.005 LUX, this camera's on board IR illumination kicks in. This enables clear video capture in both day and night with high definition video output.

LONG DISTANCE TRANSMISSION

HDCVI technology guarantees real-time transmission at long distance without any loss. It supports up to 2296 ft for 5MP HD video via coaxial cable, and up to 984 ft via UTP cable.

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ADVANCED 3D NR

3D NR is noise reduction technology that detects and eliminates random noises by comparing two sequential frames. Optiview's advanced 3D NR technology allows remarkable noise reduction with little impact to sharpness, especially under limited lighting condition. This decreases bandwidth and saving storage space.

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 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 DVR, such as sending control signal or triggering alarm. HDCVI technology supports PoC for construction flexibility

PRODUCT SPECIFICATIONS

CAMERA	
Image Sensor	1/2" CMOS
Effective Pixels	3840(H)×2160(V), 8MP
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/4s ~ 1/100,000s NTSC: 1/3s ~ 1/100,000s
Minimum Illumination	0.005 Lux / F1.6, 30IRE, 0Lux IR on
S/N Ratio	More than 65dB
IR Distance	131ft
IR On/Off Control	Auto / Manual
IR LEDs	2

LENS	
Lens Type	Fixed Lens / Fixed Iris
Mount Type	Board-in
Focal Length	2.8mm
Max Aperture	F1.6
Angle of View	110.8°
Focus Control	N/A
Close Focus Distance	70.87"

DORI DISTANCE	
DORI Distance	Detect: 276ft, Observe: 112ft, Recognize: 56ft, Identify: 26ft

PAN / TILT / ROTATION	
Pan / Tilt / Rotation	P: 0° ~ 360°, T: 0° ~ 90°, R: 0° ~ 360°

VIDEO	
Resolution	8MP (3840 × 2160)
Frame Rate	15fps @ 4K, 20fps @ 6MP, 25/30fps @ 4MP
Video Output	1-channel BNC high definition video output / CVBS video output (DIP switch)
Day/Night	Auto (ICR) / Manual
OSD Menu	Multi-Language
BLC Mode	BLC / HLC / WDR
WDR	120dB
Noise Reduction	2D / 3D
White Balance	Auto / Manual
Smart IR	Auto / Manual

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

INTERFACE	
Audio Interface	1ch in & Built-in Mic

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PRODUCT SPECIFICATIONS CONT.

GENERAL	
Power Supply	12V DC \pm 30%
Power Consumption	Max 6.8W (12V DC, IR on)
Operating Conditions	-22°F ~ +140°F / Less than 90% RH
Storage Conditions	-22°F ~ +140°F / Less than 90% RH

GENERAL CONT.	
Ingress Protection	IP67
Casing	Aluminium
Dimensions	7.08" x 2.76" x 2.76"
Net Weight	0.93lb
Gross Weight	1.17lb

ADDITIONAL PRODUCTS



OPTIVIEW VMX
Remote Monitoring



HDVR164K-Q2AI
16 Channel Ultra 4K HD
DVR with Analytics



HDCD4K-28A
4K HD-CVI Wide Angle
Armor Ball w/ Audio



HDCB5ML-VMA
5MP Motorized Varifocal
HD Bullet Camera w/ Mic



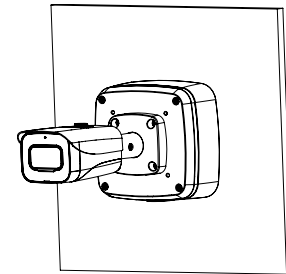
HDPTZ4M-30S
4MP HD-over-Coax PTZ
Camera with 30X Zoom

COMPATIBLE BRACKETS



JB121
Junction Box for
HD & IP Camera

MOUNTING OPTIONS



Wall Mount

DIMENSIONS

