

HDCV-ELE2MB28

2MP HDCVI Bullet Camera



- Max 30fps@1080P
- HD and SD output switchable
- 2.8mm fixed lens
- IP67, DC12V



System Overview

Experience 1080P full HD video and the simplicity of using existing cabling infrastructure with HDCVI. This micro-sized bullet features a micro design and high quality image at a friendly price. It supports flush installation to minimize its impact on operations and creates friendly environments. It offers various fixed lens models with a multi-language OSD and HD/SD switchable output. Its structural flexibility and high cost-performance makes the camera an ideal choice for concealed monitoring solutions.

Functions

HD-over-Coax

HD-over-Coax is a new analog high definition (HD) video standard transmitting over coaxial cable. The technology provides transmission of HD video as well as audio, and two-way control data over long distances. You can implement an HD system using the same coax cables that your existing analog system is running on. HD-over-Coax installs just like analog cameras and gives you up to 1080p High Definition. No fiber, no configuring, and no special training required.

Multi-formats

4-in-1 Security cameras have replaced older analog only surveillance cameras also known as 960H cameras or CCTV cameras. 4in1 Security cameras are considered "universal cameras" because they can output three types of HD over Coax video signals (HD-CVI, HD-TVI, AHD) and analog resolution video (CVBS). The ability to easily switch video output from the cameras' BNC connector makes them compatible with all the popular Security DVRs

IP67 Protection

IP67 refers to camera enclosures that have obtained the a rating from the International Electrotechnical Commission's (IEC) international standard 60529 rating board that declares the cameras to be: Offering full protection from dust and solid matter larger than dust and Safe for immersion in water up to 1 meter up to 30 minutes

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Technical Specification

Camera

Image Sensor	1/2.9" CMOS
Effective Pixels	1920(H)×1080(V), 2MP
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25~1/100000s NTSC: 1/30~1/100000s
Minimum Illumination	0.02Lux/F2.0 (Color), 0.002Lux/F2.0 (B/W)
S/N Ratio	More than 65dB
IR Distance	N/A
IR On/Off Control	N/A
IR LEDs	N/A

Lens

Lens Type	Fixed lens / Fixed iris
Mount Type	Board-in
Focal Length	2.8mm
Max Aperture	F2.0
Angle of View	H: 109.4° (117.8°/92°)
Focus Control	N/A
Close Focus Distance	500mm (400mm/800mm) 19.69" (15.75"/31.50")

DORI Distance

Note: The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

	DORI Definition	Distance
Detect	25px/m (8px/ft)	2.8mm: 40m(131ft)
Observe	63px/m (19px/ft)	2.8mm: 16m(52ft)
Recognize	125px/m (38px/ft)	2.8mm: 8m(28ft)
Identify	250ppm (76px/ft)	2.8mm: 4m(13ft)

Pan / Tilt / Rotation

Pan/Tilt/Rotation	N/A
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Video

Resolution	1080P (1920×1080)
Frame Rate	25/30fps@1080P, 25/30/50/60fps@720P
Video Output	1-channel BNC high definition video output / CVBS video output (Can switch)

Day/Night	Auto (Electronic) / Manual
OSD Menu	Multi-language
BLC Mode	BLC / HLC / DWDR
WDR	DWDR
Gain Control	AGC
Noise Reduction	2D
White Balance	Auto / Manual
Smart IR	N/A

Certifications

Certifications	CE (EN55032, EN55024, EN50130-4) FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014)
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Interface

Audio Interface	N/A
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Electrical

Power Supply	12V DC ±25%
Power Consumption	Max 0.6W (12V DC, IR on)

Environmental

Operating Conditions	-40°C ~ +60°C (-40°F ~ +140°F) / Less than 90% RH * Start up should be done at above -40°C (-40°F)
Storage Conditions	-40°C ~ +60°C (-40°F ~ +140°F) / Less than 90% RH
Ingress Protection & Vandal Resistance	IP67

Construction

Casing	Aluminium
Dimensions	Φ30mm×68.2mm (Φ1.18"×2.69")
Net Weight	0.07kg (0.15lb)
Gross Weight	0.11kg (0.24lb)

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Dimensions (mm)

