

# Lite 5MP 4-IN-1 Turret Coax Camera, Fixed Lens



Smart Dual Illuminators (IR + White Light) IR mode white light turns on motion detection • D-WDR • CVI / CVBS / AHD / TVI switchable • Super Adapt. • D-WDR • 2.8mm Fixed • IP67 • 12VDC

## Mount Accessories

Wall Mount Bracket	<a href="#">CWB E204W</a>
Junction Box	<a href="#">CJB E130</a>

## Overview

Introducing our Lite Series: high-quality monitoring products at affordable prices. Perfect for residential areas and SMB solutions, it offers outstanding performance and a wide range of advanced technologies. From full-color to starlight options, our series caters to diverse scenarios.

## **Broadcast-quality Audio**

The camera supports audio signal transmission over coaxial cables, utilizing a unique technology for restoring source audio and eliminating noise. This ensures high-quality and reliable audio information collection, which is crucial for video surveillance applications as supplementary evidence.

## **Smart Dual Light**

The smart dual light mechanism enhances surveillance capabilities. When the EYEMAX AI DVR's Perimeter Protection/SMD Plus function detects a target in the specified area, the camera activates the white light, capturing clear and vivid images. As the target exits the area, the camera seamlessly transitions from white light to IR light, effectively minimizing light pollution.

## **Super Adapt**

With its intelligent algorithm, the camera automatically adjusts its parameters to provide optimal performance and vivid images.

## **IP67: Weather Protection**

Our camera successfully underwent extensive dust and immersion tests, proving its resilience. The enclosure is dust-proof, waterproof, and can operate flawlessly even when immersed in water up to 1 meter deep for 30 minutes.

## **Wide Voltage**

Our camera boasts  $\pm 30\%$  input voltage tolerance (for certain power supplies) and a wide voltage range, ensuring suitability for diverse outdoor scenarios.

## **4 Signals over 1 Coaxial Cable**

# Lite 5MP 4-IN-1 Turret Coax Camera, Fixed Lens

HDCVI technology enables the simultaneous transmission of 4 signals (video, audio\*, data, and power) over a coaxial cable. The HDCVI camera interacts with the Eyemax DVR through dual-way data transmission, facilitating actions like control signal transmission and alarm triggering. Additionally, EYEMAX technology supports PoC, ensuring quick and effortless camera installation. (\* For selected models)

## Long Distance Transmission

HDCVI technology enables lossless real-time transmission over long distances. It supports transmission distances of up to 700m for 2-MP/5-MP/8-MP HD videos through coaxial cables, and up to 300m through UTP cables.

## Simplicity

HDCVI technology, a successor to traditional analog surveillance systems, offers a seamless solution for safeguarding your valuables. It allows easy upgrading from existing coaxial cabling without the need for replacement. With its plug and play design, EYEMAX delivers high-definition video surveillance without the complexities of network configuration.

## Multi-language OSD

The OSD provides a range of functions to meet diverse monitoring needs, including backlight mode, day/night mode, white balance, privacy mask, and motion detection. The OSD supports 11 languages: Chinese, English, French, German, Spanish, Portuguese, Italian, Japanese, Korean, Russian, and Polish.

## FEATURES

- Max 25 fps@5MP (16:9 video output).
- Smart Dual Light.
- 40 m illumination distance.
- Super Adapt.
- Built-in MIC.
- 2.8 mm
- CVI / CVBS / AHD / TVI switchable.

# Lite 5MP 4-IN-1 Turret Coax Camera, Fixed Lens

- IP67, 12 VDC.

## SPECIFICATIONS

Camera	
Image Sensor	5 MP CMOS
Max. Resolution	2880 (H) × 1620 (V)
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25 s-1/100,000s NTSC: 1/30 s-1/100,000s
Min. Illumination	0.05 lux@F1.6 (Color, 30 IRE) 0.005 lux@F1.6 (B/W, 30 IRE) 0 lux (Illuminator on)
S/N Ratio	>65 dB
Illumination Distance	IR: 40 m (131.23 ft) Warm Light: 40 m (131.23 ft)
Illuminator On/Off Control	Auto / Manual
Illuminator Number	2 (Warm light) 2 (IR light)
Angle Adjustment	Pan: 0°-360° Tilt: 0°-78° Rotation: 0°-360°
Lens	
Lens Type	Fixed-focal
Lens Mount	M12
Focal Length	2.8mm
Max. Aperture	F1.6
Field of View	H: 106° V: 56° D: 125°
Iris Control	Fixed
Close Focus Distance	1.3 m (4.27 ft)

# Lite 5MP 4-IN-1 Turret Coax Camera, Fixed Lens

DORI Distance (2.8mm)	Detect: 56m (183.73 ft) Observe: 22.4m (73.49 ft) Recognize: 11.2m (36.75 ft) Identify: 5.6m (18.37 ft)
<b>Video</b>	
Video Frame Rate (CVI)	PAL: 5M@25 fps; 4M@25 fps; 1080p@25 fps; NTSC: 5M@25 fps; 4M@30 fps; 1080p@30 fps
Video Frame Rate (AHD)	PAL: 4M@25 fps; NTSC: 4M@30 fps
Video Frame Rate (TVI)	PAL: 4M@25 fps; NTSC: 4M@30 fps
Video Frame Rate (CVBS)	PAL: 960H; NTSC: 960H
Resolution	5M (2880 × 1620); 4M (2560 × 1440); 1080p (1920 × 1080); 960H (960 × 576 / 960 × 480)
Day/Night	Auto(ICR) / Color / B/W
BLC	BLC; HLC; DWDR
WDR	DWDR
White Balance	Auto; Area white balance
Gain Control	Auto / Manual
Noise Reduction	2D NR
Illumination Mode	Smart IR & White Light / White Light Mode / IR Mode
Mirror	Yes
Privacy Masking	Off/On (8 areas, rectangle)
<b>Certification</b>	
Certifications	CE-LVD: EN 62368 ~ 1 CE-EMC: EN 55032 / EN 55035 FCC: 47 CFR FCC Part 15, Subpart B UL: UL62368 ~ 1 + CAN/CSA C22.2 No. 62368 ~ 1-14
<b>Port</b>	
Video Output	Video output choices of CVI / TVI / AHD / CVBS by one BNC port
Audio Input	One channel built-in mic
<b>Power</b>	
Power Supply	12 VDC ± 30%

## Lite 5MP 4-IN-1 Turret Coax Camera, Fixed Lens

Power Consumption	Max 4.5 W (12 VDC, WLED on)
<b>Environment</b>	
Operating Temperature	−40°C to +60°C (−40°F to +140°F)
Operating Humidity	<95% (RH), non-condensing
Storage Temperature	−40°C to +60°C (−40°F to +140°F)
Storage Humidity	<95% (RH), non-condensing
Protection	IP67
<b>Structure</b>	
Casing Material	Metal
Product Dimensions	φ106.0 mm × 93.6 mm (φ4.17" × 3.69")
Net Weight	0.47 kg (1.04 lb)
Gross Weight	0.6 kg (1.32 lb)
Installation	Wall mount / Ceiling mount / Vertical pole mount