

## KX-AD5112C-A

5MP Smart Dual Light HDCVI Fixed-focal Eyeball Camera



- Max 25 fps@5MP (16:9 video output).
- Smart Dual Light.
- 25 m illumination distance.
- Built-in Mic.
- Quick-to-install eyeball saves installation time.
- 3.6 mm fixed lens (2.8 mm optional).
- CVI/CVBS/AHD/TVI switchable.



### Technical Specification

#### Camera

Image Sensor	5 MP CMOS
Max. Resolution	2880 (H) × 1620 (V)
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25 s–1/100,000 s; NTSC: 1/30 s–1/100,000 s
Min. Illumination	0.02 lux@F2.0 (Color, 30 IRE) 0.002 lux@F2.0 (B/W, 30 IRE) 0 lux (Illuminator on)
S/N Ratio	>65 dB
Illumination Distance	IR: 25 m (82.02 ft); Warm Light: 20 m (65.62 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
Auto Focus	No
Lens Mount	M12
Focal Length	2.8 mm;3.6 mm
Max. Aperture	F2.0
Field of View	2.8 mm: H: 106°; V: 56°; D: 125° 3.6 mm: H: 92°; V: 48°; D: 109°
Iris Control	Fixed

Close Focus Distance	2.8 mm: 1.0 m (3.28 ft) 3.6 mm: 1.3 m (4.27 ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	66.0 m (216.54 ft)	26.4 m (86.61 ft)	13.2 m (43.31 ft)	6.6 m (21.65 ft)
	3.6 mm	76.0 m (249.34 ft)	30.4 m (99.74 ft)	15.2 m (49.87 ft)	7.6 m (24.93 ft)

#### Video

Video Frame Rate	CVI: PAL: 5M@25 fps; 4M@25 fps; 1080p@25 fps; NTSC: 5M@25 fps; 4M@30 fps; 1080p@30 fps AHD: PAL: 4M@25 fps; NTSC: 4M@30 fps TVI: PAL: 4M@25 fps; NTSC: 4M@30 fps 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
Noise Reduction	2D NR
Illumination Mode	Smart IR&WL; WL Mode; IR Mode
Mirror	Yes
Privacy Masking	Off/On (8 areas, rectangle)

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### Port

Video Output	Video output choices of CVI/TVI/AHD/CVBS by one BNC port
Audio Input	One channel built-in Mic

### Power

Power Supply	12 VDC $\pm$ 30%
Power Consumption	Max 2.6W (12V DC, WLED on)

### Environment

Operating Temperature	-40 °C to +55 °C (-40 °F to +131 °F)
Operating Humidity	<95% (RH), non-condensing
Storage Temperature	-40 °C to +55 °C (-40 °F to +131 °F)
Storage Humidity	<95% (RH), non-condensing
Anti-corrosion Level	Basic Protection

### Structure

Casing Material	Plastic
Product Dimensions	$\Phi$ 85.0 mm $\times$ 77.1 mm ( $\Phi$ 3.35" $\times$ 3.04")
Net Weight	0.11 kg (0.24 lb)
Gross Weight	0.12 kg (0.26 lb)
Installation	Wall mount; ceiling mount;

### Dimensions (mm[inch])

