



KX-AD2114C-T

2MP Smart Dual Light HDCVI Two-way Talk Fixed-focal Eyeball Camera

Design and specifications are subject to change without notice.
Pictures in the document are for reference only, and the actual product shall prevail.



- Max. 30 fps@1080p
- Two-way Talk
- Smart Dual Light
- Smart Light+
- 3D NR
- Quick-to-install eyeball saves installation time
- 40 m illumination distance
- 3.6 mm fixed lens (2.8 mm optional)
- CVI/CVBS/AHD/TVI switchable
- IP67, 12 VDC



Technical Specification

Camera

Image Sensor	2 MP CMOS
Max. Resolution	1920 (H) × 1080 (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	0.01 lux@F2.0 (Color, 30 IRE) 0.001 lux@F2.0 (B/W, 30 IRE) 0 lux (Illuminator on)
S/N Ratio	>65 dB
Illumination Distance	40 m (131.23 ft)
Illuminator On/Off Control	Auto/Manual
Illuminator Number	4 (Multi-core light)
Angle Adjustment	Pan: 0°–360° Tilt: 0°–78° Rotation: 0°–360°

Lens

Lens Type	Fixed-focal
Lens Mount	M12
Focal Length	2.8 mm; 3.6 mm
Max. Aperture	F2.0
Field of View	2.8 mm: H: 111.3°; V: 60.8°; D: 134.2° 3.6 mm: H: 89°; V: 48.2°; D: 109.1°
Close Focus Distance	2.8 mm: 0.5 m (1.64 ft) 3.6 mm: 0.7 m (2.30 ft)

	Lens	Detect	Observe	Recognize	Identify
DORI Distance	2.8 mm	40.6 m (133.20 ft)	16.2 m (53.15 ft)	8.1 m (26.57 ft)	4.1 m (13.45 ft)
	3.6 mm	49.9 m (163.71 ft)	20.0 m (65.62 ft)	10.0 m (32.81 ft)	5.0 m (16.40 ft)

Video

Video Frame Rate	CVI: PAL: 1080p@25 fps; NTSC: 1080p@30 fps; AHD: PAL: 1080p@25 fps; NTSC: 1080p@30 fps; TVI: PAL: 1080p@25 fps; NTSC: 1080p@30 fps; CVBS: PAL: 960H; NTSC: 960H
Resolution	1080p (1920 × 1080); 960H (960 × 576/960 × 480)
Day/Night	Auto(ICR)/Color/B/W
BLC	BLC; HLC; WDR
WDR	DWDR
White Balance	Auto
Gain Control	Manual;Auto
Noise Reduction	3D NR
Illumination Mode	Smart IR&WL; WL Mode; IR Mode
Mirror	Yes

Audio

Built-in Mic	Yes, up to 8 m (26.25 ft)
Camera Audio	CVI; TVI
Two-way Talk	Yes
Speaker	Yes, up to 8 m (26.25 ft)



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Port

Video Output	Video output choices of CVI/TVI/AHD/CVBS by one BNC port (DIP Switch)
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Power

Power Supply	12 VDC ($\pm 30\%$) (It is recommended to use a power adapter to supply the power for one camera)
Power Consumption	Max 9.37 W (12 VDC, IR on)

Environment

Operating Temperature	-40°C to $+60^{\circ}\text{C}$ (-40°F to $+140^{\circ}\text{F}$)
Operating Humidity	$<95\%$ (RH), non-condensing
Storage Temperature	-40°C to $+60^{\circ}\text{C}$ (-40°F to $+140^{\circ}\text{F}$)
Storage Humidity	$<95\%$ (RH), non-condensing
Protection	IP67
Anti-corrosion Level	Basic Protection

Structure

Casing Material	Dome (metal + plastic) + plastic enclosure
Product Dimensions	$\Phi 109.9\text{ mm} \times 105.9\text{ mm}$ ($\Phi 4.33" \times 4.17"$)
Net Weight	0.32 kg (0.71 lb)
Gross Weight	0.44 kg (0.97 lb)
Installation	Wall mount; ceiling mount; vertical pole mount

Dimensions (mm[inch])

