

KX-C2004S5-A

2MP Full-color HDCVI 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.



- 24/7 color imaging, Max. 30 fps@1080p
- 40 m illumination distance
- Super Adapt, 120 dB true WDR, 3D NR
- Built-in mic
- 3.6 mm fixed lens (2.8 mm optional)
- CVI/CVBS/AHD/TVI switchable
- IP67, DC 12 V



Technical Specification

Image Sensor

Image Sensor	2MP CMOS
Max. Resolution	1920(H) × 1080(V)
Pixel	2MP
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/3 s–1/100,000 s NTSC: 1/4 s–1/100,000 s
S/N Ratio	> 65 dB
Min. Illumination	0.0002 Lux/F1.0, 0 Lux White Light on
Illumination Distance	40 m (131.2 ft)
Illuminator On/Off Control	Auto; manual
Illuminator Number	2
Pan/Tilt/Rotation Range	Pan: 0°–360° Tilt: 0°–78° Rotation: 0°–360°

Lens

Lens Type	Fixed lens
Mount Type	M12
Focal Length	2.8 mm; 3.6 mm
Max. Aperture	F1.0
Field of View	2.8 mm: H: 106°; V: 55°; D: 125° 3.6 mm: H: 84°; V: 44°; D: 99°
Iris Type	Fixed iris
Close Focus Distance	2.8 mm: 1 m (3.3 ft) 3.6 mm: 1.7 m (5.6 ft)

	Lens	Detect	Observe	Recognize	Identify
DORI Distance	2.8 mm	45.5 m (149.3 ft)	18.2 m (59.7 ft)	9.1 m (29.9 ft)	4.6 m (15.1 ft)
	3.6 mm	55.2 m (181.1 ft)	22.1 m (72.5 ft)	11.0 m (36.1 ft)	5.5 m (18.0 ft)

Video

Frame Rate	CVI: PAL: 1080P@25fps NTSC: 1080P@30fps AHD: PAL: 1080P@25fps NTSC: 1080P@30fps TVI: PAL: 1080P@25fps NTSC: 1080P@30fps CVBS: PAL: 960H NTSC: 960H
Resolution	1080P (1920×1080); (960H×960× 576/960×480)
BLC	BLC/HLC/WDR/HLC-Pro
WDR	120dB
White Balance	Auto; Area white balance
Gain Control	Auto; manual
Noise Reduction	3D NR
Smart Light	Yes
Mirror	Off/On
Privacy Masking	Off/On (8 area, rectangle)
Port	
Video Output	Video output choices of CVI/TVI/AHD/CVBS by one BNC port (DIP Switch)
Audio Input	One channel built-in mic

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Power

Power Supply	12V ±30% DC
Power Consumption	Max 5.8W (12V DC, warm light on)

Environment

Operating Temperature	-40°C to +60°C (-40°F to 140°F) ; < 95% (non-condensation)
Storage Temperature	-40°C to +60°C (-40°F to 140°F) ; < 95% (non-condensation)
Protection Grade	IP67

Structure

Casing	Metal throughout the whole casing
Camera Dimensions	φ106.0 mm × 93.6 mm (φ4.17" × 3.69")
Net Weight	0.48 kg (1.06 lb)
Gross Weight	0.63 kg (1.39 lb)

Dimensions (mm[inch])

