

KX-A2112C4

2MP HDCVI IR Eyeball Camera

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- Max. 30 fps@1080p
- CVI/CVBS/AHD/TVI switchable
- 3.6 mm fixed lens (2.8 mm, 6 mm optional)
- Max. IR length 20 m, Smart IR
- 12 VDC



Camera																					
Pixel	2 MP																				
Image Sensor	2MP 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	0.04 lux@F2.0 (Color, 30 IRE) 0.004 lux@F2.0 (B/W, 30 IRE) 0 lux (Illuminator on)																				
S/N Ratio	>65 dB																				
Illumination Distance	20 m (65.62 ft)																				
Illuminator On/Off Control	Auto/Manual																				
Illuminator Number	1 (IR light)																				
Pan/Tilt/Rotation Range	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; 6 mm																				
Max. Aperture	F2.0																				
Field of View	2.8 mm: H: 100°; V: 53°; D: 120° 3.6 mm: H: 82°; V: 42°; D: 98° 6 mm: H: 53°; V: 30°; D: 60°																				
Iris Control	Fixed																				
Close Focus Distance	2.8 mm: 0.6 m (1.97 ft) 3.6 mm: 1.0 m (3.28 ft) 6 mm: 2.0 m (6.56 ft)																				
DORI Distance	<table border="1"> <thead> <tr> <th>Lens</th> <th>Detect</th> <th>Observe</th> <th>Recognize</th> <th>Identify</th> </tr> </thead> <tbody> <tr> <td>2.8 mm</td> <td>46.9 m (153.87 ft)</td> <td>18.8 m (61.68 ft)</td> <td>9.4 m (30.84 ft)</td> <td>4.7 m (15.42 ft)</td> </tr> <tr> <td>3.6 mm</td> <td>60.9 m (199.80 ft)</td> <td>24.3 m (79.72 ft)</td> <td>12.2 m (40.03 ft)</td> <td>6.1 m (20.01 ft)</td> </tr> <tr> <td>6 mm</td> <td>82.8 m (271.65 ft)</td> <td>33.1 m (108.60 ft)</td> <td>16.6 m (54.46 ft)</td> <td>8.3 m (27.23 ft)</td> </tr> </tbody> </table>	Lens	Detect	Observe	Recognize	Identify	2.8 mm	46.9 m (153.87 ft)	18.8 m (61.68 ft)	9.4 m (30.84 ft)	4.7 m (15.42 ft)	3.6 mm	60.9 m (199.80 ft)	24.3 m (79.72 ft)	12.2 m (40.03 ft)	6.1 m (20.01 ft)	6 mm	82.8 m (271.65 ft)	33.1 m (108.60 ft)	16.6 m (54.46 ft)	8.3 m (27.23 ft)
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Video	
Video Frame Rate	CVI: PAL: 1080p@25 fps; 720p@25 fps NTSC: 1080p@30 fps; 720p@30 fps TVI: PAL: 1080p@25 fps; 720p@25 fps NTSC: 1080p@30 fps; 720p@30 fps AHD: PAL: 1080p@25 fps; 720p@25 fps NTSC: 1080p@30 fps; 720p@30 fps CVBS: PAL: 960H NTSC: 960H
Resolution	1080p (1920 × 1080); 720p (1280 × 720); 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
Smart Illumination	Yes
Mirror	Yes
Privacy Masking	Off/On (8 areas, rectangle)
Port	
Video Output	Video output choices of CVI/TVI/AHD/CVBS by one BNC port
Power	
Power Supply	12 VDC ± 30%
Power Consumption	Max. 2.3 W (12 VDC, IR on)
Environment	
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)
Structure	
Casing	Plastic
Product Dimensions	Φ85.4 mm × 68.8 mm (Φ3.36" × 2.71")
Packaging Dimensions	109 mm × 109 mm × 85 mm (4.29" × 4.29" × 3.35")

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Net Weight	0.09 kg (0.20 lb)
Gross Weight	0.13 kg (0.29 lb)
Installation	Wall mount; ceiling mount; horizontal pole mount
Dimensions (mm[inch])	

