

KX-C5012C

5MP Starlight HDCVI IR 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 25 fps@5MP (16:9 video output)
- Quick-to-install eyeball saves installation time
- CVI/CVBS/AHD/TVI switchable
- 3.6 mm fixed lens (2.8 mm optional)
- Max. IR length 25 m, Smart IR
- IP50, DC12V



Camera																
Image Sensor	1/2.7 inch CMOS															
Max. Resolution	2880 (H) × 1620 (V)															
Pixel	5MP															
Scanning System	Progressive															
Electronic Shutter Speed	PAL: 1/25s–1/100000s NTSC: 1/30s–1/100000s															
S/N Ratio	>65 dB															
Min. Illumination	0.01 Lux/F1.6 30IRE, 0 Lux IR on															
Illumination Distance	25m (82.0 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-focal															
Mount Type	M12															
Focal Length	2.8 mm; 3.6 mm															
Max. Aperture	F1.6															
Field of View	2.8 mm: 132° × 111° × 58° (diagonal × horizontal × vertical) 3.6 mm: 109° × 92° × 48° (diagonal × horizontal × vertical)															
Iris Type	Fixed iris															
Close Focus Distance	2.8 mm: 0.9 m (3.0 ft) 3.6 mm: 1.6 m (5.2 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>63.6 m (208.7 ft)</td> <td>25.4 m (83.3 ft)</td> <td>12.7 m (41.7 ft)</td> <td>6.4 m (21.0ft)</td> </tr> <tr> <td>3.6 mm</td> <td>80 m (262.5 ft)</td> <td>32 m (105.0 ft)</td> <td>16 m (52.5 ft)</td> <td>8 m (26.2 ft)</td> </tr> </tbody> </table>	Lens	Detect	Observe	Recognize	Identify	2.8 mm	63.6 m (208.7 ft)	25.4 m (83.3 ft)	12.7 m (41.7 ft)	6.4 m (21.0ft)	3.6 mm	80 m (262.5 ft)	32 m (105.0 ft)	16 m (52.5 ft)	8 m (26.2 ft)
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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); 960 H (960 × 576/960 × 480)
Day/Night	Auto switch by ICR
BLC	BLC/HLC/DWDR
WDR	DWDR
White Balance	Auto; manual
Gain Control	Auto; manual
Noise Reduction	2D NR
Smart IR	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
Audio Interface	N/A
Power	
Power Supply	12V ±30% DC
Power Consumption	Max 3.0W (12V DC, IR on)
Environment	
Operating Temperature	-40°C to +50°C (-40°F to 122°F); <95% (non-condensation)
Storage Temperature	-40°C to +50°C (-40°F to 122°F); < 95% (non-condensation)
Protection Grade	IP50

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Structure	
Casing	Plastic
Dimensions	Φ97.1 mm × 93.0 mm (Φ3.82" × 3.66")
Net Weight	0.17 kg (0.37lb)
Gross Weight	0.23 kg (0.51lb)
Dimensions (mm[inch])	

