

KX-C8012C

4K 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. 4K resolution
- CVI/CVBS/AHD/TVI switchable
- Fixed lens (2.8 mm; 3.6 mm optional)
- Max. IR length 20 m, Smart IR
- IP50, 12V±30% DC



Camera					
Image Sensor	1/2.7 inch CMOS				
Effective Pixels	3840 (H) × 2160 (V), 4K				
Scanning System	Progressive				
Electronic Shutter Speed	PAL: 1/25s–1/100000s, NTSC: 1/30s–1/100000s				
S/N Ratio	>65dB				
Minimum Illumination	0.03Lux/F2.0, 30IRE, 0Lux IR on				
Fill Light Working Distance	20 m (65.2 ft)				
IR On/Off Control	Auto; manual				
IR LED Number	12				
Pan/Tilt/Rotation Range	Pan: 0°–360°, Tilt: 0°–78°, Rotation: 0°–360°				
Lens					
Lens Type	Fixed-focal				
Mount Type	M12				
Focal Length	2.8mm; 3.6mm				
Max. Aperture	F2.0				
Angle of View	2.8mm: 125° x 105° x 56° (diagonal x horizontal x vertical) 3.6mm: 104° x 87° x 47° (diagonal x horizontal x vertical)				
Iris Type	Fixed iris				
Close Focus Distance	2.8mm: 1.0 m (3.3 ft), 3.6mm: 1.8 m (6.2 ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8mm	74.7 m (245.1 ft)	29.9 m (98.1 ft)	14.9 m (48.9ft)	7.5 m (24.6 ft)
	3.6 mm	106.7 m (350.1 ft)	42.7 m (140.1 ft)	21.3 m (69.9 ft)	10.7 m (35.1 ft)

Video	
Frame Rate	CVI: 4K@15fps; 5M@20fps; 4M@25fps/30fps; AHD: 4K@15fps; TVI: 4K@15fps; CVBS: 960H
Resolution	4K (3840 × 2160); 5M (2592 × 1944); 4M (2560 × 1440); 960H (960 × 576/960 × 480)
Day/Night	Auto switch by ICR
BLC	BLC/HLC/WDR
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
Power	
Power Supply	12V ±30% DC
Power Consumption	Max 3.56W (12V DC, IR on)
Environment	
Operating Temperature	-40°C to +55°C (-40°F to +131°F); <95% (non-condensation)
Storage Temperature	-40°C to +55°C (-40°F to +131°F); <95% (non-condensation)
Protection Grade	IP50
Structure	
Casing	Plastic

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Camera Dimensions	φ85.4 mm × 70.2 mm (φ3.36" × 2.76")
Net Weight	0.12 Kg (0.26 lb)
Gross Weight	0.19 kg (0.42 lb)

Dimensions (mm [inch])

