

# KX-C5012S-A

## 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)
- CVI/CVBS/AHD/TVI switchable
- Quick-to-install eyeball saves installation time
- 3.6 mm fixed lens (2.8 mm optional)
- Built-in mic
- Max. IR length 30 m, Smart IR
- IP67, 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	30 m (98.4 ft)				
Illuminator On/Off Control	Auto; manual				
Illuminator Number	1				
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	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)

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	
Audio Interface	One channel built-in mic
Video Output	Video output choices of CVI/TVI/AHD/CVBS by one BNC port
Power	
Power Supply	12V ±30% DC
Power Consumption	Max 3.2W (12V DC, IR 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)

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Protection Grade	IP67
<b>Structure</b>	
Casing	Metal dome + metal cover + plastic decorative ring
Camera Dimensions	φ109.9 mm × 88.1 mm (φ4.33" × 3.47")
Net Weight	0.21 kg (0.46 lb)
Gross Weight	0.28 kg (0.62 lb)
<b>Dimensions (mm[inch])</b>	

