

KX-CF5102S

5MP Full-color Starlight 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.



- Full-color starlight
- 20 m LED distance
- Max. 20fps@5MP
- CVI/CVBS/AHD/TVI switchable
- 3.6 mm fixed lens (2.8 mm optional)
- IP67, 12V±30% DC



Camera					
Image Sensor	1/2.7 inch CMOS				
Effective Pixels	2592 (H) × 1944 (V), 5MP				
Scanning System	Progressive				
Electronic Shutter Speed	PAL: 1/25s–1/100000s; NTSC: 1/30s–1/100000s				
S/N Ratio	>65dB				
Minimum Illumination	0.005Lux/F1.2, 0Lux White Light on				
Fill Light (White Light) Distance	Distance up to 20 m (65.61 ft)				
Fill Light On/Off Control	Auto; manual				
Fill Light 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	F1.2				
Field of View	2.8 mm: 129° × 98° × 71° (diagonal × horizontal × vertical) 3.6 mm: 111° × 83° × 56° (diagonal × horizontal × vertical)				
Iris Type	Fixed iris				
Close Focus Distance	2.8 mm: 1.6 m (5.25 ft) 3.6 mm: 2.1 m (6.89 ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	3.6 mm	80.0 m (262.5 ft)	32.0 m (105.0 ft)	16.0 m (52.5 ft)	8.0 m (26.2 ft)
Video					
Frame Rate	CVI: PAL: 5M@20fps, 4M@25fps, 1080P@25fps; NTSC: 5M@20fps, 4M@30fps, 1080P@30fps AHD: PAL: 5M@20fps, 4M@25fps; NTSC: 5M@20fps, 4M@30fps TVI: PAL: 5M@20fps, 4M@25fps; NTSC: 5M@20fps, 4M@30fps CVBS: PAL: 960H; NTSC: 960H				

Resolution	5M (2592 × 1944); 4M (2560 × 1440); 1080P (1920 × 1080); 960H (704 × 576/704 × 480);
BLC	BLC/HLC/DWDR
WDR	DWDR
White Balance	Auto; manual
Gain Control	Auto; manual
Noise Reduction	2D 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
Audio Interface	
Audio Input	N/A
Power	
Power Supply	12V ±30% DC
Power Consumption	Max 3.0W (12V DC, White 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	Inner core: metal + plastic Cover: plastic Pedestal: plastic
Camera Dimensions	φ97 mm × 85.8 mm (φ3.82" × 3.38")
Net Weight	0.22 Kg (0.49 lb)
Gross Weight	0.28 Kg (0.62 lb)

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Dimensions (mm[inch])

