

KX-CF2102LQ

2MP Full-color HDCVI Quick-to-install 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.



- 24/7 color imaging, Max. 30 fps@1080p
- 20 m illumination distance
- Super Adapt, 130 dB true WDR, 3D NR
- Quick-to-install eyeball saves installation time
- 3.6 mm fixed lens (2.8 mm optional)
- CVI/CVBS/AHD/TVI switchable
- IP67, DC 12 V

Camera					
Image Sensor	1/2.8" CMOS				
Max. Resolution	1920 (H) × 1080 (V)				
Pixel	2MP				
Scanning System	Progressive				
Electronic Shutter Speed	PAL: 1/25 s–1/100,000 s NTSC: 1/30 s–1/100,000 s				
S/N Ratio	> 65 dB				
Min. Illumination	0.001 Lux/F1.6, 30IRE, 0 Lux LED on				
Illumination Distance	20 m (65.6 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 lens				
Mount Type	M12				
Focal Length	2.8 mm; 3.6 mm				
Max. Aperture	F1.6				
Field of View	2.8 mm: H: 107°; V: 56°; D: 127° 3.6 mm: H: 86°; V: 46°; D: 101°				
Iris Type	Fixed iris				
Close Focus Distance	2.8 mm: 0.7 m (2.3 ft) 3.6 mm: 1.1 m (3.6 ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	43.9 m (144 ft)	17.5 m (57.4 ft)	8.8 m (28.9 ft)	4.4 m (14.4 ft)
	3.6 mm	53.7 m (176.2 ft)	21.5 m (70.5 ft)	10.7 m (35.1 ft)	5.4 m (17.7 ft)

Video	
Frame Rate	CVI: PAL: 1080p@25 fps; NTSC: 1080p@30 fps; AHD: PAL: 1080p@25 fps; NTSC: 1080p@30 fps; TVI: PAL: 1080p@25 fps; NTSC: 1080p@30 fps; CVBS: PAL: 960 × 576H; NTSC: 960 × 480H
Resolution	1080p (1920 × 1080); 960H (960 × 576/960 × 480)
BLC	BLC/WDR/HLC
WDR	130 dB
White Balance	Auto; Area WB
Gain Control	Auto; manual
Noise Reduction	3D 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 Input	N/A
Power	
Power Supply	12 V ±30% DC
Power Consumption	Max 3.3 W (12 V DC, LED 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
Structure	
Casing	Metal inner core + plastic cover + plastic pedestal
Camera Dimensions	$\phi 97.1 \text{ mm} \times 92.9 \text{ mm}$ ($\phi 3.82'' \times 3.66''$)
Net Weight	0.22 kg (0.49 lb)
Gross Weight	0.28 kg (0.62 lb)

Dimensions (mm [inch])

