

## KX-CF2102L

2MP Full-color Starlight HDCVI Eyeball Camera



- Full-color starlight
- 20m LED distance
- Max. 30fps@1080P
- CVI/CVBS/AHD/TVI switchable
- 3.6mm fixed lens(2.8mm Optional)
- IP67, 12V±30% DC



### Technical Specification

#### Camera

Image Sensor	1/2.8" 2Megapixels Sony CMOS
Effective Pixels	1920 (H)×1080 (V), 2MP
Electronic Shutter Speed	PAL:1/25s-1/100000s NTSC:1/30s-1/100000s
Minimum Illumination	0.005Lux/F1.6, 30IRE, 0Lux white Light on
Fill Light (White Light) Distance	Distance up to 20m (65.61ft)
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	2.8m/3.6mm				
Max. Aperture	F1.6				
Angle of View	2.8mm: 126.2°×106.0°×56.5° (diagonal×horizontal×vertical) 3.6mm: 103.6°×86.9°×46.3° (diagonal×horizontal×vertical)				
Iris Type	Fixed iris				
Close Focus Distance	2.8mm: 0.6m (1.97ft) 3.6mm: 1.2m (3.94ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8mm	38.6m (126.6ft)	15.4m (50.5ft)	7.7m (25.3ft)	3.9m (12.8ft)
	3.6mm	55.2m (181.1ft)	22.1m (72.5ft)	11.0m (36.0ft)	5.5m (18.0ft)

#### Video

Video Frame Rate	CVI: PAL: 1080@25fps, 720@25fps, 720@50fps; NTSC: 1080@30fps, 720@30fps, 720@60fps AHD: PAL: 1080@25fps, 720@25fps; NTSC: 1080@30fps, 720@30fps TVI: PAL: 1080@25fps, 720@25fps, 720@50fps; NTSC: 1080@30fps, 720@30fps, 720@60fps CVBS: PAL: 960×576H; NTSC: 960×480H
BLC	BLC/HLC/WDR
WDR	DWDR
White Balance	Auto; Manual
Gain Control	Auto; Manual
Noise Reduction	2D NR
Smart Light	Yes
Electronic Defog	Yes

Digital Zoom	16X
Mirror	Off/On
Privacy Masking	Off/On (4 area, rectangle)

#### Interface

Audio Interface	N/A
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#### Port

Video Port	Video output choices of CVI/TVI/AHD/CVBS by one BNC port
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#### Power

Power Supply	12V ±30% DC
Power Consumption	Max 3W (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
Dimensions	φ97mm×85.8mm (φ3.82"×3.38")
Net Weight	0.22Kg (0.49lb)
Gross Weight	0.28Kg (0.62lb)

#### Dimensions (mm[inch])

