

## KX-C2004S5

### 2MP 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 30fps@1080P
- HD and SD output switchable
- 3.6mm fixed lens (2.8mm, 6mm optional)
- Max. IR length 50m, Smart IR
- IP67, DC12V



Camera	
Image Sensor	1/2.7 inch Sony
Effective Pixels	1920(H)×1080(V), 2MP
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25s–1/100000s NTSC: 1/30s–1/100000s
S/N Ratio	>65dB
Minimum Illumination	0.02Lux/F1.9, 30IRE, 0Lux IR on
Fill Light Working Distance	50 m (164 ft)
IR On/Off Control	Auto; manual
IR LED 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; 6 mm
Max. Aperture	F1.9
Field of View	2.8 mm: 119° x 101° x 54° (diagonal x horizontal x vertical) 3.6 mm: 100° x 84° x 45° (diagonal x horizontal x vertical) 6 mm: 60° x 56° x 30° (diagonal x horizontal x vertical)
Iris Type	Fixed iris
Close Focus Distance	2.8 mm: 0.5 m (1.7 ft) 3.6 mm: 0.8 m (2.6 ft) 6 mm: 2 m (6.6 ft)

DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	38.6 m (126.6 ft)	15.4 m (50.5 ft)	7.7 m (25.3 ft)	3.9 m (12.8 ft)
	3.6 mm	49.7 m (163.1 ft)	19.9 m (65.3 ft)	9.9 m (32.5 ft)	5 m (16.4 ft)
	6 mm	82.8 m (271.7 ft)	33.1 m (108.6 ft)	16.6 m (54.5 ft)	8.3 m (27.2 ft)
Video					
Frame Rate	CVI: 1080P@25/30fps; 720P@25/30fps; 720P@50/60fps; AHD: 1080P@25/30fps; 720P@25/30fps; TVI: 1080P@25/30fps; 720P@25/30fps; 720P@50/60fps; CVBS: 960H				
Resolution	1080P (1920×1080); 720P (1280×720); 960H (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				
Electronic Defog	Yes				
Mirror	Off/On				
Privacy Masking	Off/On (8 area, rectangle)				
Port					
Audio Output	N/A				
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)				

# KX-C2004S5

## 2MP 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.

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	Metal throughout the whole casing
Camera Dimensions	φ106.0 mm × 93.6 mm (φ4.17" × 3.69")
Net Weight	0.44 Kg (0.97 lb)
Gross Weight	0.59 Kg (1.3 lb)

### Dimensions (mm[inch])

