

KX-A3112N2

3MP Entry IR Fixed Focal Eyeball Network Camera



- 1/2.7" 3Megapixel Sony progressive CMOS
- 3MP (2304 × 1296) @20 fps, 2MP (1920 × 1080) @25/30fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max. IR distance: 30 m
- Rotation mode, DWDR, 3D DNR, HLC, BLC, digital watermarking, applicable to various monitoring scenes
- Abnormality detection: Motion detection, video tampering, network disconnection, IP conflict, illegal access
- 12V DC/PoE power support
- IP67 protection



Technical Specification

Camera

Image Sensor	1/2.7" 3Megapixel Sony progressive CMOS
Effective Pixels	2304 (H) × 1296 (V)
ROM	16 MB
RAM	64 MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s-1/100000 s
Min. Illumination	0.01 Lux @F2.0
IR Distance	30m (98.4 ft)
IR On/Off Control	Auto/Manual
IR LEDs Number	1
Pan/Tilt/Rotation Range	Horizontal: 0°-360° Vertical: 0°-90° Rotation: 0°-360°

Lens

Lens Type	Fixed				
Mount Type	M12				
Focal Length	3.6 mm				
Max. Aperture	F2.0 F2.0				
Field of View	Horizontal: 87° Vertical: 47° Diagonal: 104°				
Iris Type	Fixed aperture				
Close Focus Distance	0.6 m (1.9 ft) 1.1 m (3.6 ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	37.3 m (122.4 ft)	14.9 m (48.9 ft)	7.5 m (24.6 ft)	3.7 m (12.1 ft)
	3.6 mm	64 m (209.9 ft)	25 m (82.0 ft)	12.8 m (41.9 ft)	6.4 m (20.9 ft)

Video

Video Compression	H.265; H.264
Smart Codec	Yes
Video Frame Rate	Main Stream: 2304 × 1296 (1 fps-20 fps) 1920 × 1080 (1 fps-25/30 fps) Sub stream: 704 × 576 (1 fps-25 fps) 704 × 480 (1 fps-30 fps)
Stream Capability	2 streams
Resolution	2304 × 1296 (2304 × 1296); 1080p (1920 × 1080); 1.3m (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Bit Rate Control	CBR/VBR

Video Bit Rate	H.264: 32 Kbps-6144 Kbps H.265: 12 Kbps-6912 Kbps
Day/Night	Auto(ICR)/Color/B/W
BLC	Yes
HLC	Yes
WDR	DWDR
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
Gain Control	Manual/Auto
Noise Reduction	3D DNR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest(Roi)	Yes (4 areas)
Electronic Image Stabilization(EIS)	Yes
Smart IR	Yes
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2304 × 1296 resolution.)
Mirror	Yes
Privacy Masking	4 areas

Network

Network	RJ-45 (10/100 Base-T)
Protocol	IPv4; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; SMTP; FTP; DHCP; DNS; NTP; Multicast
Interoperability	ONVIF (Profile S); CGI; P2P; Genetec
User/Host	6
Edge Storage	FTP
Browser	IE Chrome Firefox
Management Software	KBiVMS, KBView Lite, KBView Pro
Mobile Phone	IOS; Android

Power

Power Supply	12V DC/PoE (802.3af)
Power Consumption	<4.3 W

Environment

Operating Conditions	-40°C to +60°C (-40°F to +140°F)/less than ≤ 95%
Storage Temperature	-40°C to +60°C (-40°F to +140°F)
Ingress Protection	IP67

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Structure

Casing	Metal + plastic
Dimensions	85.5 mm × Ø109 mm (3.4" × Ø4.3")
Net Weight	0.24 kg (0.5 lb)
Gross Weight	0.37 kg (0.8 lb)

Dimensions (mm[inch])

