

KX-A4002N3

4MP Entry IR Fixed-focal Eyeball Network Camera

Design and specifications are subject to change without notice. Pictures in the document are for reference only, and the actual product shall prevail.



- 4MP, 1/3" CMOS image sensor, low illuminance, high image definition
- Outputs 4MP (2560 × 1440) @25/30 fps, and supports max. 4MP (2688 × 1520) @20 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max. IR distance: 30 m
- ROI, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments
- Image Rotation, WDR, 3D NR, HLC, BLC, digital watermarking, applicable to various monitoring scenes
- Abnormality detection: Motion detection, video tampering, network disconnection, IP conflict, illegal access, voltage detection
- 12V DC/PoE power supply
- IP67, protection



Camera																
Image Sensor	1/3"4Megapixel progressive CMOS															
Max. Resolution	2688 (H) ×1520 (V)															
ROM	128 MB															
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Scanning System	Progressive															
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100000 s															
Min. Illumination	0.03 Lux @F2.0															
S/N Ratio	>56 dB															
Illumination Distance	30 m (98.4 ft)															
Illuminator On/Off Control	Auto/Manual															
Illuminator Number	12 (IR LED)															
Pan/Tilt/Rotation Range	Pan: 0° to 355°, Tilt: 0° to 78°, Rotation: 0° to 360°															
Lens																
Lens Type	Fixed-focal															
Lens Mount	M12															
Focal Length	2.8 mm; 3.6 mm															
Max. Aperture	F2.0															
Field of View	2.8 mm: Horizontal: 93°; Vertical: 53°; Diagonal: 111° 3.6 mm: Horizontal: 81°; Vertical: 44°; Diagonal: 95°															
Iris Control	Fixed															
Close Focus Distance	2.8 mm: 0.8 m (2.6 ft) 3.6 mm: 1.4 m (4.6 ft)															
DORI Distance	<table border="1"> <thead> <tr> <th>Lens</th> <th>Detect</th> <th>Observe</th> <th>Recognize</th> <th>Identify</th> </tr> </thead> <tbody> <tr> <td>2.8 mm</td> <td>50.0 m (183.7 ft)</td> <td>22.4 m (73.5 ft)</td> <td>11.2 m (36.7 ft)</td> <td>5.6 m (18.4 ft)</td> </tr> <tr> <td>3.6 mm</td> <td>80.0 m (262.5 ft)</td> <td>32.0 m (105.0 ft)</td> <td>16.0 m (52.5 ft)</td> <td>8.0 m (26.2 ft)</td> </tr> </tbody> </table>	Lens	Detect	Observe	Recognize	Identify	2.8 mm	50.0 m (183.7 ft)	22.4 m (73.5 ft)	11.2 m (36.7 ft)	5.6 m (18.4 ft)	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)
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Video	
Video Compression	H.265; H.264; H.264B; MJPEG (only supported by the sub stream)
Smart Codec	Smart H.265+/Smart H.264+
Video Frame Rate	Main Stream: 2688 × 1520 (1 fps–20 fps) 2560 × 1440 (1 fps–25/30 fps) Sub Stream: 704 × 576 (1 fps–20/25 fps) 704 × 480 (1 fps–20/30 fps)
Stream Capability	2 streams
Resolution	2688 × 1520 (2688 × 1520); 2560 × 1440 (2560 × 1440); 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–6144 kbps
Day/Night	Auto (ICR)/Color/B/W
BLC	Yes
HLC	Yes
WDR	120 dB
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
Gain Control	Auto/Manual
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest (Rol)	Yes (4 areas)
Smart Illumination	Yes
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 1080p resolution and lower)
Mirror	Yes

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Privacy Masking	4 areas
Alarm	
Alarm Event	Network disconnection; IP conflict; illegal access; motion detection; video tampering; safety exception
Network	
Network	RJ-45 (10/100 Base-T)
SDK and API	Yes
Cyber Security	Video encryption; configuration encryption; Digest; WSSE; account lockout; security logs; generation and importing of X.509 certification; HTTPS; trusted boot; trusted execution; trusted upgrade
Network Protocol	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; SMTP; FTP; DHCP; DNS; NTP; Multicast
Interoperability	ONVIF (Profile S/Profile T); CGI; P2P; Genetec
User/Host	20
Storage	FTP; SFTP; NAS
Browser	IE Chrome Firefox
Management Software	KBView Plus, KBiVMS
Mobile Client	IOS; Android

Power	
Power Supply	12V DC/PoE (802.3af)
Power Consumption	< 4.9W
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)
Protection	IP67
Structure	
Casing	Inner core: metal; cover: plastic
Product Dimensions	84.9 mm × Φ108 mm (3.3" × Φ4.3")
Net Weight	0.27 kg (0.6 lb)
Gross Weight	0.40 kg (0.9 lb)
Dimensions (mm/inch)	

