

KX-AF2112N2

2MP Lite Full-color Eyeball Network Camera



- 2MP, 1/2.7" CMOS image sensor, low illuminance, high image definition
- Outputs max. 2MP (1920 × 1080) @25/30 fps
- Built-in LEDs, max LED distance: 15 m
- ROI, SMART H.264/H.265, flexible coding
- 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



Camera																
Image Sensor	1/2.7" 2Megapixel progressive CMOS															
Max. Resolution	1920 (H) × 1080 (V)															
ROM	16 MB															
RAM	64 MB															
Scanning System	Progressive															
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s															
Minimum Illumination	0.005 Lux@F1.6															
LED Distance	2.8 mm: 10 m (32.8ft) 3.6 mm: 15 m (49.2ft)															
LED On/Off Control	Auto/Manual															
LEDs Number	1 (Warm light)															
Pan/Tilt/Rotation Range	Horizontal: 0°–360° Vertical: 0°–90° Rotation: 0°–360°															
Lens																
Lens Type	Fixed-focal															
Mount Type	φ12															
Focal Length	2.8 mm 3.6 mm															
Max. Aperture	2.8 mm: F1.6 3.6 mm: F1.6															
Field of View	2.8 mm: Pan 110° × Tilt 59° × Diagonal 132° 3.6 mm: Pan 91° × Tilt 48° × Diagonal 109°															
Iris Type	Fixed															
Close Focus Distance	2.8 mm: 0.6 m (2.0 ft) 3.6 mm: 1.1 m (3.6 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>37.3 m (122.4 ft)</td> <td>14.9 m (48.9 ft)</td> <td>7.5 m (24.6 ft)</td> <td>3.7 m (12.1 ft)</td> </tr> <tr> <td>3.6 mm</td> <td>53.3 m (174.9 ft)</td> <td>21.3 m (69.9 ft)</td> <td>10.7 m (35.1 ft)</td> <td>5.3 m (17.4 ft)</td> </tr> </tbody> </table>	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	53.3 m (174.9 ft)	21.3 m (69.9 ft)	10.7 m (35.1 ft)	5.3 m (17.4 ft)
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Video	
Video Compression	H.265; H.264; H.264H; H.264B; MJPEG
Smart Codec	Smart H.265+/Smart H.264+
Video Frame Rate	Main stream: 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	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–6400 kbps
Day/Night	Color/B/W
BLC	Yes
HLC	Yes
WDR	DWDR
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest(Rol)	Yes (4 areas)
Smart Illumination	Yes
Image Rotation	0°/90°/180°/270° (Supports 90°/270° with 1080p resolution and lower)
Mirror	Yes
Privacy Masking	4 areas
Network	
Network	RJ-45 (10/100 Base-T)

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Protocol	IPv4; IPV6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; SMTP; FTP; DHCP; DNS; NTP; DDNS; Multicast
Interoperability	ONVIF (Profile S); CGI; P2P; Genetec
User/Host	20
Edge Storage	KBVISION Cloud; FTP
Browser	IE Chrome Firefox
Management Software	KBiVMS, KBiVMS Pro, KBView, KBView Plus
Mobile Phone	IOS; Android
Power	
Power Supply	12V DC/PoE (802.3af)
Power Consumption	< 4.8W
Environment	
Operating Conditions	-40°C to +60°C (-40°F to +140°F)/less than ≤ 95% RH

Storage Temperature	-40°C to +60°C (-40°F to +140°F)
Protection Grade	IP67
Structure	
Casing	Metal + plastic
Dimensions	85.5 mm × Φ109 mm (3.4" × Φ4.3")
Net Weight	0.24 kg (0.5 lb)
Gross Weight	0.37 kg (0.8 lb)
Dimensions (mm[inch])	

