

KX-AF2013N3-V-A

2MP Full-color Fixed-focal Bullet 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.



- 2-MP 1/2.8" CMOS image sensor, low luminance, and high definition image.
- Outputs max. 2 MP (1920 × 1080)@25 fps.
- H.265 codec, high compression rate, ultra-low bit rate.
- Built-in warm light, the max. illumination distance is 35 m.
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, applicable to various monitoring scenes.
- ROI, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments.
- Built in MIC.
- 12 VDC/PoE power supply, easy for installation.
- IP67 protection.

Camera					
Image Sensor	1/2.8" CMOS				
Pixel	2MP				
Max. Resolution	1920 (H) × 1080 (V)				
ROM	16 MB				
RAM	64 MB				
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s				
Scanning System	Progressive				
Min. Illumination	0.005 lux@F1.6 (Color, 30 IRE) 0.0005 lux@F1.6 (B/W, 30 IRE) 0 lux (Illuminator on)				
S/N Ratio	> 56dB				
Illumination Distance	35 m (114.83 ft) (Warm light)				
Illuminator On/Off Control	Auto; Manual				
Illuminator Number	4 (Warm light)				
Lens					
Lens Type	Fixed-focal				
Lens Mount	M12				
Focal Length	3.6 mm; 6 mm				
Max. Aperture	F1.6				
Field of View	3.6 mm: H: 88°; V: 44°; D: 105° 6 mm: H: 54°; V: 29°; D: 63°				
Close Focus Distance	3.6 mm: 1.3 m (4.27 ft) 6 mm: 2.5 m (8.20 ft)				
Iris Control	Fixed				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	3.6 mm	58.9 m (193.24 ft)	23.6 m (77.43 ft)	11.8 m (38.71 ft)	5.9 m (19.36 ft)
	6 mm	82.8 m (271.65 ft)	33.1 m (108.60 ft)	16.6 m (54.46 ft)	8.3 m (27.23 ft)
Video					
Compression	H.265; H.264; H.264B; MJPEG (Only supported by the sub stream)				

Smart Codec	Smart H.265+; Smart H.264+
Streaming Capability	2 streams
Resolution	1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 380); CIF (352 × 288/352 × 240)
Video Frame Rate	Main stream: 1920 × 1080@(1–25/30 fps) Sub stream: 704 × 576@(1–25 fps)/704 × 480@(1–30 fps) *The values above are the max. frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity.
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 32 kbps–6144 kbps H.265: 12 kbps–6144 kbps
Day/Night	Color/B/W
BLC	Yes
WDR	DWDR
White Balance	Auto; natural; street lamp; outdoor; manual; regional custom
Gain Control	Auto
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest (ROI)	Yes (4 areas)
Smart Illumination	Yes
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 1080p resolution and lower)
Mirror	Yes
Privacy Masking	4 areas
Audio	
Built-in MIC	Yes
Compression	G.711a; G.711Mu; G.726; PCM
Alarm	
Alarm Event	Network disconnection; IP conflict; illegal access; motion detection; audio exception; video tampering; security exception

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Network	
Ethernet	RJ-45 (10/100Base-T)
SDK and API	Yes
Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; NTP; Multicast; ICMP; IGMP
Interoperability	ONVIF (Profile S); CGI
User/Host	6 (total bandwidth 36 MB)
Storage	FTP
Browser	IE; Chrome; Firefox
Management Software	KBiVMS, KBView, KBView Plus
Mobile Phone	IOS, Android
Cyber Security	Configuration encryption; trusted execution; Digest; security logs; trusted upgrade; WSSE; trusted boot; account lockout; generation and importing of X.509 certification; video encryption
Power	
Power Supply	12 VDC/PoE
Power Consumption	Basic: 1.5 W (12 VDC); 2.3 W (PoE) Max. (ICR Switch + H.265 + IR intensity): 3.9 W (12 VDC); 5.0 W (PoE)
Environment	
Operating Temperature	-40°C to +60°C (-40°F to +140°F)
Operating Humidity	≤ 95%
Storage Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Storage Humidity	≤95%
Protection	IP67

Anti-corrosion Level	Low
Structure	
Casing Material	Metal + plastic
Product Dimensions	178.5 mm × 94.0 mm × 88.5 mm (7.03" × 3.70" × 3.48") (L × W × H)
Net Weight	0.49 kg (1.08 lb)
Gross Weight	0.85 kg (1.87 lb)
Dimensions (mm[inch])	

