KBVISION

KX-A2111CN3

2 MP Lite Fixed-Focal Bullet Network Camera

· 2-MP 1/2.8" CMOS image sensor, low illuminance, high image definition.
· Outputs max. 2 MP (1920 × 1080) @25/30 fps.
· H.265 codec, high compression rate, ultra-low bit rate.
· Built-in efficient IR illuminator, and the max. illumination distance is 30 m.
· ROI, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments.
· Rotation mode, DWDR, 3D NR, HLC, BLC, digital watermarking, applicable to various monitoring scenes.
· Abnormality detection: Motion detection, video tampering, network disconnection, IP conflict, and illegal access.
· 12 VDC/PoE power supply.
· 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	Color: 0.01 Lux@F2.0 B/W: 0.001 Lux@F2.0 0Lux (Illuminator on)
S/N Ratio	>56 dB
Illumination Distance	UP to 30 m (98.4 ft) (IR)
Illuminator On/Off Control	Auto/Manual
Illuminator Number	2 (IR LED)
Pan/Tilt/Rotation Range	Pan: 0º – 360º Tilt: 0º – 78º Rotation: 0º – 360º

Lens

Lens Type	Fixed-focal
Lens Mount	M12
Focal Length	3.6 mm
Max. Aperture	3.6 mm: F2.0
Field of View	2.8 mm: Horizontal: 84°; Vertical: 45°; Diagonal:100°
Iris Control	Fixed
Close Focus Distance	3.6 mm: 0.8 m (2.6 ft)

DORI Distance	Lens	Detect	Observe	Recognize	Identify
	3.6 mm	49.7 m (163.1 ft)	19.9 m (65.3 ft)	9.9 m (32.5 ft)	5.0 m (16.4 ft)

Video

Compression	H.265; H.264; H.264B; H.264H; MJPEG (Only supported by the sub stream)
Smart Codec	Smart H.265+; Smart H.264+
Streaming Capability	2 streams
Resolution	1080P (1920 × 1080); 960P (1280 × 960); 720P (1280 × 720)
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
Video Bit Rate	H.264: 32 kbps–6144 kbps H.265: 12 kbps–6144 kbps
Day/Night	Auto (ICR)/Color/B/W
BLC	Support
WDR	DWDR
HLC	Support
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 (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

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Alarm	
Alarm Event	Network disconnection; IP conflict; illegal access; motion detection; video tampering; security exception

Network	
Ethernet	RJ-45 (10/100Base-T)
SDK and API	Yes
Cyber Security	Video encryption; Configuration encryption; Digest; WSSE; Account lockout; Security logs; Generation and importing of X.509 certification; Trusted boot; Trusted upgrade; Trusted execution
Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; NTP; Multicast; ICMP; IGMP
Interoperability	ONVIF Profile S; CGI; P2P
User/Host	6 (total bandwidth 36 MB)
Storage	FTP
Browser	IE7; Chrome; Firefox
Management Software	KBiVMS, KBView , KBView Plus
Mobile Phone	IOS, Android

Power	
Power Supply	12 VDC/PoE (802.3af)
Power Consumption	Basic: 1.3 W (12 VDC); 2.1 W (PoE) Max. (ICR + H.265+IR intensity):2.9 W (12 VDC); 3.9 W (PoE)

Environment	
Operating Temperature	−40 °C to +55 °C (−40 °F to +131 °F)
Operating Humidity	≤ 95%RH
Storage Temperature	−40 °C to +60 °C (−40 °F to +140 °F)
Protection	IP67

Structure	
Casing	Platic
Dimensions	198.9 mm × 80.2 mm × 76.2 mm (7.83" × 3.16" × 3.00") (L × W × H)
Net Weight	0.25 kg (0.55 lb)
Gross Weight	0.4 kg (0.88 lb)

Dimensions (mm[inch])