

KX-C2056CPN-AL

2MP 5x Smart Dual Light Network PTZ Camera

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



- 1/2.8" 2Megapixel CMOS.
- 5x optical zoom.
- Max. 25/30fps@1080P.
- IR distance up to 50 m.
- Warm light illumination distance up to 30 m.
- Built-in Mic and Speaker for Two-way Talk.
- Perimeter protection.
- SMD 3.0.
- 12 VDC/PoE power supply.
- IP66.



Camera									
Image Sensor	1/2.8" CMOS								
Pixel	2 MP								
Max. Resolution	1920 (H) × 1080 (V)								
ROM	128 MB								
RAM	512 MB								
Electronic Shutter Speed	1 s–1/30,000 s								
Scanning System	Progressive								
Min. Illumination	Color: 0.05 lux@F1.6 B/W: 0.005 lux@F1.6 0 lux (IR light on)								
Illumination Distance	50 m (164.04 ft) (IR); 30 m (98.43 ft) (Warm light)								
Illuminator On/Off Control	Zoom Prio; Manual; Auto; Off								
Illuminator Number	2 (IR); 2 (Warm light)								
Lens									
Focal Length	2.7 mm–13.5 mm								
Max. Aperture	F1.6–F3.0								
Field of View	H: 99.6°–31.5°; V: 53°–17.8°; D: 118.8°–36.2°								
Optical Zoom	5 ×								
Focus Control	Auto; semi-auto; manual								
Close Focus Distance	1.5 m (4.92 ft)								
Iris Control	Fixed								
DORI Distance	<table border="1"> <thead> <tr> <th>Detect</th> <th>Observe</th> <th>Recognize</th> <th>Identify</th> </tr> </thead> <tbody> <tr> <td>186.2 m (610.89 ft)</td> <td>73.5 m (241.14 ft)</td> <td>37.2 m (122.05 ft)</td> <td>18.6 m (61.02 ft)</td> </tr> </tbody> </table>	Detect	Observe	Recognize	Identify	186.2 m (610.89 ft)	73.5 m (241.14 ft)	37.2 m (122.05 ft)	18.6 m (61.02 ft)
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DORI (Detect, Observe, Recognize, Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances. For intelligent function distances, refer to installation and commissioning manual/project design tool.									

PTZ	
Pan/Tilt Range	Pan: 0° to 355° Tilt: -15° to +90°
Manual Control Speed	Pan: 0.1°/s–36°/s Tilt: 0.1°/s–25.8°/s
Preset Speed	Pan: 35.7°/s; Tilt: 27.1°/s
Preset	300
Power-off Memory	Yes
Idle Motion	Preset
Intelligence	
IVS (Perimeter Protection)	Tripwire; intrusion; crossing fence detection; loitering detection; abandoned/missing object; fast moving; parking detection; people gathering; vehicle/human alarm classification
SMD	Yes
Active Deterrence	
Light Warning	White light warning Flash duration: 5 s–30 s Flash frequency: high, medium, low
Sound Warning	Offers 11 types of sound alarms, and supports importing up to 10 custom sound alarms. The sound alarm can be set to play 1 to 10 times.
Video	
Video Compression	H.264H; H.264B; Smart H.265+; H.264; H.265; MJPEG (Sub Stream); Smart H.264+
Streaming Capability	3 streams
Resolution	1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576); VGA (640 × 480); CIF (352 × 288)
Video Frame Rate	Main stream: 1080p/1.3M/720p @(1–25/30 fps) Sub stream 1: D1/CIF/VGA@ (1–25/30 fps) Sub stream 2: 1080p/1.3M/720p @(1–25/30 fps)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 64 kbps–8192 kbps H.265: 25 kbps–6400 kbps
Day/Night	Auto (ICR)/Color/B/W

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BLC	Yes
WDR	120 dB
HLC	Yes
White Balance	Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp
Gain Control	Auto; manual
Noise Reduction	2D NR; 3D NR
Motion Detection	Yes
Region of Interest (RoI)	Yes
Image Stabilization	Electronic (EIS)
Defog	Electronic
Digital Zoom	16x
Image Rotation	180°
S/N Ratio	≥55 dB
Audio	
Audio Compression	G.711a; G.711Mu; G.726; MPEG2-Layer2; G722.1; PCM
Network	
Network Port	RJ-45 (10/100 Base-T)
Network Protocol	FTP; RTMP; IPv6; Bonjour; IPv4; DNS; RTCP; PPPoE; NTP; RTP; 802.1x; HTTPS; SNMP; TCP/IP; DDNS; UPnP; NFS; ICMP; UDP; IGMP; SMB; HTTP; SSL; DHCP; SMTP; Qos; RTSP; ARP
Interoperability	ONVIF (Profile S & Profile G & Profile T); CGI; SDK; P2P
Streaming Method	Unicast/Multicast
User/Host	20 (total bandwidth: 64 M)
Storage	FTP/SFTP; Micro SD card (512 GB); NAS
Browser	IE 9 and later versions Chrome 41 and later versions Firefox 50 and later versions Safari 10 and later versions
Management Software	KBView Plus, KBiVMS
Mobile Client	iOS; Android
Port	
Audio Input	1 channel (built-in mic)
Audio Output	1 channel (built-in speaker)
Alarm Linkage	Capture; recording; send email; preset; audio; warning light
Alarm Event	Motion/tampering detection; audio detection; network disconnection detection; IP conflict detection; memory card state detection; memory space detection

Power	
Power Supply	12 VDC, 1.5 A ± 25% PoE (802.3af)
Power Consumption	Basic: 3 W Max: 12 W (illuminator + PTZ + speaker)
Environment	
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Humidity	≤95%
Protection	IP66; TVS 2000 V lightning proof; surge protection; voltage transient protection
Structure	
Product Dimensions	142.6 mm × 140.0 mm × 236.2 mm (5.61" × 5.51" × 9.30") (L × W × H)
Net Weight	1.1 kg (2.43 lb)
Gross Weight	1.7 kg (3.75 lb)
Dimensions (mm[inch])	

