

KX-C2006CPN-W

2MP Starlight IR Active Deterrence Network PTZ

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 STARVIS™ CMOS
- Starlight technology
- IR distance up to 30 m
- Deep-learning-based perimeter protection
- SMD Plus
- Wi-Fi
- IP66
- Active Deterrence



Camera				
Image Sensor	1/2.8" CMOS			
Pixel	2MP			
Max. Resolution	1920 (H) × 1080 (V)			
ROM	128 MB			
RAM	512 MB			
Electronic Shutter Speed	1/3 s–1/100000 s			
Scanning System	Progressive			
Min. Illumination	Color: 0.002 Lux@F1.6 B/W: 0.0002 Lux@F1.6 0 Lux (illuminator on)			
Illumination Distance	30 m (98.43 ft)			
Illuminator On/Off Control	Manual/SmartIR/Off			
Illuminator Number	2 IR lights; 1 white light			
Lens				
Focal Length	4 mm			
Max. Aperture	F1.6			
Field of View	H: 86.8°; V: 45.9°; D: 102.4°			
Close Focus Distance	0.3 m (0.98 ft)			
Iris Control	Fixed			
DORI Distance	Detect	Observe	Recognize	Identify
	55 m (180.45 ft)	22 m (72.18 ft)	10.6 m (34.78 ft)	4.6 m (15.09 ft)
PTZ				
Pan/Tilt Range	Pan: 0°–355° Tilt: -15°–+90°			
Manual Control Speed	Pan: 0.1°/s–80°/s Tilt: 0.1°/s–56°/s			
Preset Speed	Pan: 81°/s; Tilt: 43°/s			
Preset	300			
Power-off Memory	Support			
Idle Motion	Preset			

Artificial Intelligence	
Perimeter Protection	Tripwire and intrusion. Support alarm triggering by target types (human and vehicle). Support filtering false alarms caused by animals, rustling leaves, bright lights, etc.
Video	
Compression	H.265; H.264B; H.264M; H.264H; MJPEG; MJPEG (Sub Stream); H.265+; H.264+
Streaming Capability	3 streams
Resolution	1080P (1920 × 1080); 1.3M (1280 × 960); 720P (1280 × 720); D1 (704 × 576/704 × 480); CIF (352 × 288/352 × 240)
Frame Rate	Main stream: 1080P (1–25/30 fps); 1.3M (1–25/30 fps); 720P (1–25/30 fps)
	Sub stream 1: D1/CIF (1–25/30 fps) Sub stream 2: 1080P (1–25/30 fps); 1.3M (1–25/30 fps); 720P (1–25/30 fps)
Bit Rate Control	Variable/Constant
Bit Rate	H.264: 3 Kbps–20480 Kbps H.265: 3 Kbps–20480 Kbps
Day/Night	Auto (ICR)
BLC	Support
WDR	DWDR
HLC	Support
White Balance	Auto/Indoor/Outdoor/Tracking/Manual/Sodium lamp/Natural light/Street lamp
Gain Control	Auto/Manual
Noise Reduction	2D/3D
Motion Detection	Support
Region of Interest (ROI)	Support
Defog	Electronic
Flip	180°
S/N Ratio	≥ 55 dB

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Audio	
Compression	G.711a; G.711Mu; G.726; AAC; MPEG2-Layer2; G722.1; G729; G723
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	Support
Wi-Fi-Wireless Standard	IEEE 802.11b; 802.11g; 802.11n
Wi-Fi-Wireless Transmission Speed	150 Mbps
Protocol	IPv4; IPv6; HTTP; HTTPS; 802.1x; QoS; FTP; SMTP; UPnP; SNMP; DNS; DDNS; NTP; RTSP; RTP; TCP; UDP; IGMP; ICMP; DHCP; PPPoE; ARP; SNMP v1/v2c/v3 (MIB-2); RTCP; RTMP
Interoperability	ONVIF Profile S&G&T; CGI
Streaming Method	Unicast/Multicast
User/Host	20 (total bandwidth: 64 M)
Storage	FTP; Micro SD card (256 G); NAS
Browser	IE7 and later versions Chrome 42 and earlier versions Firefox 52 and earlier versions Safari
Management Software	KBView, KBView Plus
Mobile Phone	iOS, Android
Port	
Audio Input	1 (Built-in Mic)
Audio Output	1 (Built-in Speaker)
Two-way Audio	Support
Alarm Linkage	Capture; preset; SD card record; send email
Alarm Event	Motion/tampering detection; audio detection; network disconnection detection; IP conflict detection; encoder state detection; memory card state detection; memory space detection

Power	
Power Supply	12V DC/2A ± 10%
Power Consumption	Basic: 2.4W Max: 8.5W (illuminator on)
Power Adapter	Included
Environment	
Operating Temperature	-30°C to +60°C (-22°F to 140°F)
Operating Humidity	≤ 95%
Protection	IP66; TVS 2000V lightning proof; surge protection; voltage transient protection
Structure	
Dimensions	236.3 mm × 142.3 mm × 139.6 mm (9.30" × 5.60" × 5.50")
Net Weight	1 kg (2.20 lb)
Gross Weight	1.46 kg (3.22 lb)
Dimensions (mm[inch])	

