

## KX-C2W

### 2MP Indoor Fixed-focal Wi-Fi Network PT 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.
- Max. 25/30fps@1080p.
- H.265 encoding.
- Human detection.
- Wi-Fi.
- Two-way Talk.
- Sound alarm.



Camera				
Image Sensor	1/2.8" CMOS			
Pixel	2 MP			
Max. Resolution	1920 (H) × 1080 (V)			
ROM	128 MB			
RAM	128 MB			
Electronic Shutter Speed	1/3s–1/100,000s			
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	15 m (49.21 ft)			
Illuminator On/Off Control	Manual; Auto; Off			
Illuminator Number	1 (IR light)			
Lens				
Focal Length	4 mm			
Max. Aperture	F2.0			
Field of View	H: 85.9°; V: 44.9°; D: 103.3°			
Close Focus Distance	0.2 m (0.65 ft)			
Iris Control	Fixed iris			
DORI Distance	Detect	Observe	Recognize	Identify
	55.2 m (181.10 ft)	21.8 m (71.52 ft)	11 m (36.08 ft)	5.5 m (18.04 ft)
PTZ				
Pan/Tilt Range	Pan: 0° to 325° Tilt: -20° to +100°			
Manual Control Speed	Pan: 57.7°/s; Tilt: 46.2°/s			
Preset Speed	Pan: 57.7°/s Tilt: 46.2°/s			
Preset	300			
Power-off Memory	Yes			
Idle Motion	Preset			

Smart Event	
IVS	Tripwire; intrusion
Human Detection	Yes
Active Deterrence	
Sound Warning	Sound warning alarm: Customizable Alarm duration: 10 s, 20 s, 30 s
Video	
Video Compression	H.264B; Smart H.265+; H.264; H.265; Smart H.264+; MJPEG
Streaming Capability	2 streams
Resolution	1080p (1920 × 1080); 960p (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); CIF (352 × 288/352 × 240)
Video Frame Rate	Main stream: 1080p/1.3M/720p@(1–25/30 fps) Sub stream 1: D1/CIF@(1–25/30 fps)
Bit Rate Control	CBR/VBR
Video Bit Rate	H264: 256 Kbps–8,192 Kbps H265: 144 Kbps–5,632 Kbps
Day/Night	Auto (ICR)/Color/B/W
BLC	Yes
WDR	DWDR
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
Image Rotation	180°
S/N Ratio	≥ 55 dB
Audio	
Audio Compression	PCM; G.711a; G.711Mu; G.726; MPEG2-Layer2; G722.1
Network	
Network Port	RJ-45 (10/100 Base-T)
Wi-Fi	Yes
Wi-Fi Standard	IEEE802.11b; IEEE802.11g; IEEE802.11n

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Wi-Fi Frequency Range	2.4 GHz
Wi-Fi Transmission Rate	150 Mbps
Network Protocol	UDP;FTP;RTMP;IPv6;IPv4;IP Filter;DNS;RTCP;HTTP;NTP;SSL;DHCP;RTP;SMTP;HTTPS;TCP/IP;RTSP;DDNS;ARP
Interoperability	RTMP;CGI;SDK;ONVIF (Profile S&T)
Streaming Method	Unicast/Multicast
User/Host	20
Storage	FTP; Micro SD card (512 GB)
Browser	IE: IE 7 and later versions; Chrome; Firefox; Safari
Management Software	Player;Cloud Connection;Smart Player ;KBiVMS;ConfigTool;NVR;KBView Plus
Mobile Client	iOS;Android
<b>Port</b>	
Audio Input	1 channel (built-in mic)
Audio Output	1 channel (built-in speaker)
Alarm Linkage	Capture; preset; recording; audio; sending email
Alarm Event	Motion/Tampering detection; audio detection; network disconnection detection; IP conflict detection; memory card state detection; memory space detection
<b>Power</b>	
Power Supply	5 VDC, 1 A $\pm$ 10% (Type-C)
Power Consumption	Basic: 2 W Max: 5 W (illuminator +PTZ +speaker)
<b>Environment</b>	
Operating Temperature	-10 °C to +40 °C (14 °F to +104 °F)
Operating Humidity	$\leq$ 95%
Protection	TVS 2000 V lightning proof; surge protection; voltage transient protection

<b>Structure</b>	
Product Dimensions	130.4 mm $\times$ $\Phi$ 95.5 mm (5.13" $\times$ 3.76")
Net Weight	0.25 kg (0.55 lb)
Gross Weight	0.5 kg (1.10 lb)
<b>Dimensions (mm[inch])</b>	

