

KX-C2007sPN3

2MP 4x Starlight 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" STARVIS™ CMOS.
- Powerful 4x optical zoom.
- Max. 25/30fps@1080P.
- Max 100°/s pan speed.
- Supports face detection.
- Support PoE.
- IP66, IK10.
- SMD 3.0.
- 6000V lightning-proof



Camera				
Image Sensor	1/2.8" CMOS			
Pixel	2 MP			
Max. Resolution	1920 (H) × 1080 (V)			
ROM	128 MB			
RAM	256 MB			
Electronic Shutter Speed	1/1 s–1/30,000 s			
Scanning System	Progressive			
Min. Illumination	Color: 0.005 lux@F1.6 B/W: 0.0005 lux@F1.6			
Lens				
Focal Length	2.8 mm–12 mm			
Max. Aperture	F1.6–F3.0			
Field of View	H: 99.1°–31.9°; V: 53.4°–18.0°; D: 117.7°–36.6°			
Optical Zoom	4x			
Focus Control	Auto; semi-auto; manual			
Close Focus Distance	1.5 m (4.92 ft)			
Iris Control	Fixed			
DORI Distance	Detect	Observe	Recognize	Identify
	165.5 m (542.98 ft)	65.4 m (214.57 ft)	33.1 m (108.60 ft)	16.6 m (54.46 ft)
PTZ				
Pan/Tilt Range	Pan: 0° to 355° Tilt: 0° to +90°			
Manual Control Speed	Pan: 0.1°/s–100°/s Tilt: 0.1°/s–60°/s			
Preset Speed	Pan: 100°/s; Tilt: 60°/s			
Preset	300			
Tour	8 (up to 32 presets per tour)			
Pattern	5			
Scan	5			

Idle Motion	Pattern; Preset; Scan; Tour
PTZ Protocol	SD Pelco-P/D(Auto recognition)
Intelligence	
IVS (Perimeter Protection)	Tripwire; intrusion; crossing fence detection; loitering detection; abandoned/missing object; fast moving; parking detection; people gathering; vehicle/human alarm classification
Face Detection	Supports face detection, face track, snapshot, and face enhancement; Supports face cutout: Face, one-inch photo; Capturing strategies include real-time capturing and quality first.
SMD	Yes
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); CIF (352 × 288); VGA (640 × 480)
Video Frame Rate	Main stream: 1080p/1.3M/720p@(1–25/30 fps) Sub stream 1: D1/VGA/CIF@(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: 2048 kbps–8192 kbps H.265: 768 kbps–6400 kbps
Day/Night	Auto (ICR)/Color/B/W
BLC	Yes
WDR	DWDR
HLC	Yes
White Balance	Auto; indoor; outdoor; ATW; manual; sodium lamp; natural light; street lamp
Gain Control	Auto; manual
Noise Reduction	2D NR; 3D NR
Motion Detection	Yes

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Region of Interest (Rol)	Yes
Image Stabilization	Yes
Defog	Electronic defog
Digital Zoom	16x
Image Rotation	180°
S/N Ratio	≥ 55 dB
Audio	
Audio Compression	G.711a; G.711Mu; G.726; MPEG2-Layer2; G722.1; G723; PCM
Network	
Network Port	RJ-45 (10/100 Base-T)
Network Protocol	TCP; FTP; RTMP; IPv6; Bonjour; IPv4; DNS; RTCP; PPPoE; NTP; RTP; 802.1x; HTTPS; SNMP; TCP/IP; DDNS; UPnP; NFS; ICMP; UDP; IGMP; IP Filter; SMB; HTTP; SSL; DHCP; SMTP; SNMPv1/v2c/v3(MIB-2); Qos; RTSP; ARP
Interoperability	CGI; ONVIF (Profile S&G&T)
Streaming Method	Unicast/Multicast
User/Host	20 (total bandwidth: 64 M)
Storage	DMSS; FTP; Micro SD card (512 GB); NAS
Browser	IE 9 and later versions Chrome 41 and later versions Firefox 50 and later versions iOS 10 and later versions.
Management Software	KBiVMS, KBView Plus
Mobile Client	iOS; Android
Port	
Alarm Linkage	Capture; preset; tour; pattern; recordings on SD card; alarm digital input; audio; send email
Alarm Event	Motion/Tampering detection; audio detection; network disconnection detection; IP conflict detection; memory card state detection; memory space detection; power exception detection
Power	
Power Supply	12 VDC, 1 A ± 10% POE (802.3af)

Power Consumption	Basic: 2.3 W Max.: 6.1 W
Environment	
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Humidity	≤ 95%
Storage Temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Storage Humidity	≤ 95%
Protection	IP66, IK10
Structure	
Product Dimensions	89 mm × Φ122 mm (3.50" × Φ4.80")
Net Weight	0.5 kg (1.10 lb)
Gross Weight	0.7 kg (1.54 lb)
Dimensions (mm[inch])	

