

KX-F4425DVPN

4MP Starlight IR Network Dual-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.



- Dual PTZ system, dual vari-focal lens
- 1/1.8" 4Megapixel CMOS
- Powerful 25x optical zoom
- Starlight technology
- Max. 25/30 fps@4M
- Deep-learning-based auto tracking and perimeter protection
- Support Hi-PoE
- H.265 Encoding
- IP67



Camera	
Image Sensor	Panorama: 1/1.8" CMOS Detail: 1/1.8" CMOS
Pixel	Panorama: 4 MP Detail: 4 MP
Max. Resolution	Panorama: 2688 (H) × 1520 (V) Detail: 2688 (H) × 1520 (V)
ROM	8 GB
RAM	4 GB
Electronic Shutter Speed	Panorama: 1 s–1/30,000 s Detail: 1 s–1/30,000 s
Scanning System	Progressive
Min. Illumination	Panorama: Color: 0.001 lux@F1.3 B/W: 0.0001 lux@F1.3 Detail: Color: 0.001 lux@F1.6 B/W: 0.0001 lux@F1.6 0 lux (IR light on)
Illumination Distance	Panorama (white light): 30 m (98.43 ft) Detail (IR light): 100 m (328.08 ft)
Illuminator On/Off Control	Panorama: Zoom Prio; Manual; Auto; Off Detail: Zoom Prio; Manual; Auto; Off
Illuminator Number	Panorama: 4 white lights Detail: 4 IR lights
Lens	
Focal Length	Panorama: 2.8 mm–12 mm Detail: 5.4 mm–135 mm

Max. Aperture	Panorama: F1.3–F2.0 Detail: F1.6–F4.0			
Field of View	Panorama: H: 99.2°–45.8°; V: 59.7°–27.0°; D: 110.4°–51.7° Detail: H: 58°–3.5°; V: 35°–2°; D: 64°–4°			
Optical Zoom	Panorama: 4× Detail: 25×			
Focus Control	Auto; Semi-Auto; Manual			
Close Focus Distance	Panorama: 1 m–2.5 m (3.28 ft–8.20 ft) Detail: 0.5 m–7 m (1.64 ft–22.97 ft)			
Iris Control	Panorama: Auto Detail: Auto			
DORI Distance	Detect	Observe	Recognize	Identify
	Panorama: 129 m (423.23 ft) Detail: 1,724 m (5,656.17 ft)	Panorama: 51.3 m (168.31 ft) Detail: 690 m (2,263.78 ft)	Panorama: 25.4 m (83.33 ft) Detail: 345 m (1,131.89 ft)	Panorama: 12.2 m (40.03 ft) Detail: 172 m (564.30 ft)
PTZ				
Pan/Tilt Range	Panorama: Pan: 0° to 360° endless Tilt: 0° to 30° Detail: Pan: 0° to 305° Tilt: –10° to 90°			
Manual Control Speed	Panorama: Pan: 0.1°/s–100°/s; Tilt: 0.1°/s–25°/s Detail: Pan: 0.1°/s–400°/s; Tilt: 0.1°/s–200°/s			
Preset Speed	Panorama: Pan: 100°/s; Tilt: 50°/s Detail: Pan: 360°/s; Tilt: 200°/s			
Preset	300			
Tour	8 (up to 32 presets per tour)			

KX-F4425DVPN

4MP Starlight IR Network Dual-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.

Scan	5
Power-off Memory	Yes
Idle Motion	Preset; Scan; Tour
PTZ Protocol	DH-SID Pelco-P/D (auto recognition)
Intelligence	
Video Metadata	Support human body, human face, motor vehicle and non-motor vehicle image capture and attributes extraction
IVS (Perimeter Protection)	Tripwire; intrusion; climbing fences; loitering detection; abandoned/missing object; fast moving; parking detection; people gathering; vehicle/human alarm classification
Face Recognition	Yes
Video	
Video Compression	H.264H; H.264B; Smart H.265+; H.265; MJPEG(Sub Stream); Smart H.264+; H.264M
Streaming Capability	3 streams
Resolution	Panorama: 4M (2688 × 1520); 4M (2560 × 1440); 1080p (1920 × 1080); 960p (1280 × 960); 720p (1280 × 720); D1 (704 × 576); VGA (640 × 480); CIF (352 × 288) Detail: 4M (2688 × 1520); 4M (2560 × 1440); 1080p (1920 × 1080); 960p (1280 × 960); 720p (1280 × 720); D1 (704 × 576); VGA (640 × 480); CIF (352 × 288)
Video Frame Rate	Panoramic: Main stream: 4M/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/CIF (1–25/30 fps) Detail: Main stream: 4M/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/CIF (1–25/30 fps)
Bit Rate Control	CBR; VBR
Video Bit Rate	H.264: 512 Kbps–13056 Kbps H.265: 204 Kbps–7936 Kbps
Day/Night	Panorama: Auto (ICR) Detail: Auto (ICR)
BLC	Yes
WDR	Panorama: 120 dB Detail: 120 dB
HLC	Yes
White Balance	Panorama: Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp Detail: 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

Defog	Electronic
Digital Zoom	16×
Image Rotation	180°
S/N Ratio	Panorama: ≥ 55 dB Detail: ≥ 55 dB
Audio	
Audio Compression	G.711a; G.711mu; G.726; MPEG2-Layer2; G.722.1; G.729; G723
Network	
Network Port	RJ-45 (10/100 Base-T)
Network Protocol	TCP; FTP; RTMP; IPv6; IPv4; DNS; RTCP; PPPoE; NTP; RTP; 802.1x; HTTPS; SNMP; DDNS; UPnP; ICMP; UDP; IGMP; HTTP; DHCP; SMTP; SNMP v1/v2c/v3 (MIB-2); QoS; RTSP; ARP
Interoperability	CGI; ONVIF Profile S&G&T; GB/T28181
Streaming Method	Unicast; Multicast
User/Host	20 (total bandwidth: 64 M)
Storage	FTP; Micro SD card (512 GB)
Browser	IE9 and later versions Chrome 41 and later versions Firefox 50 and later versions Safari 10 and later versions
Management Software	KBiVMS; NVR; KBView Plus
Mobile Client	iOS; Android
Port	
Audio Input	1 channel (LINE IN, bare wire)
Audio Output	1 channel (LINE OUT, bare wire)
Two-way Audio	Yes
Alarm Linkage	Capture; preset; tour; recordings on SD card; alarm digital input; send email
Alarm Event	Motion/tampering detection; audio detection; network disconnection detection; IP conflict detection; memory card state detection; memory space detection; illegal access
Alarm I/O	2/1
Audio I/O	1/1
Power	
Power Supply	36 VDC, 2.23 A (± 25%) Hi-PoE
Power Consumption	Basic: 21 W Max.: 40 W (PTZ, zoom, focus, IR light, white light, and smart plan enabled)
Environment	
Operating Temperature	–40 °C to +65 °C (–40 °F to +149 °F)
Operating Humidity	≤ 95% (RH)
Protection	IP67; TVS 8000 V lightning protection; surge protection; voltage transient protection

KX-F4425DVPN

4MP Starlight IR Network Dual-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.

Structure

Product Dimensions	385 mm × Φ277 mm (15.16" × Φ10.91")
Net Weight	9 kg (19.84 lb)
Gross Weight	13.8 kg (30.42 lb)

Dimensions (mm[inch])

