

KX-C2035PN

2MP 3x Starlight IR PTZ Network Camera



- 1/2.8" 2Megapixel STARVIS™ CMOS
- Powerful 3x optical zoom
- Starlight technology
- Max. 25/30fps@1080P
- IVS
- WDR
- H.265 Encoding
- Support PoE
- IR distance up to 20m
- IP66



Technical Specification

Camera

Image Sensor	1/2.8" STARVIS™ CMOS
Max. Resolution	2MP
Effective Pixels	1920 (H) × 1080 (V)
ROM	128MB
RAM	256MB
Electronic Shutter Speed	1/3–1/30000s
Minimum Illumination	Color: 0.005Lux@F1.8 B/W: 0.0005Lux@F1.8 0Lux (IR light on)
IR Distance	20m (65.6ft)
IR On/Off Control	Zoom Prio/Manual/SmartIR
IR LED Number	1

Lens

Focal Length	2.7mm–8.1mm			
Aperture	F1.8~F2.7			
Field of View	H: 46.43°–106.79° V: 25.91°–57.88°			
Optical Zoom	3x			
Focus Control	Auto/Semi-Auto/Manual			
Close Focus Distance	0.8m–1.7m			
Iris Control	Fixed Iris			
DORI Distance	Detect	Observe	Recognize	Identify
	101.4m (332.68 ft)	40.6m (133.20 ft)	20.3m (66.60 ft)	10.1m (33.14 ft)

PTZ

Pan/Tilt Range	Pan: 0°–180°; Tilt: -5°–55°
Manual Control Speed	Pan: 6°/s; Tilt: 3°/s

Intelligence

IVS	Tripwire; Intrusion; Object Abandoned/Missing
Advanced Intelligence	Heat Map; Face Detection

Video

Video Compression	H.265; H.264BaselineProfile; H.264MainProfile; H.264HighProfile; MJPEG; H.265 +; H.264+
Streaming Capability	3 Streams
Resolution	1080P (1920×1080); 1.3M (1280×960); 720P (1280×720); D1 (704×576); CIF (352×288)
Video Frame Rate	Main Stream: 1080P/1.3M/720P(1–25/30fps) Sub Stream 1: D1/CIF(1–25/30fps) Sub Stream 2: 720P/D1/CIF(1–25/30fps)
Bit Rate Control	Variable Bit Rate/Constant Bit Rate

Video Bit Rate	H.264: 216Kbps–8192Kbps H.265: 108Kbps–8192Kbps
Day/Night	ICR
BLC	Support
WDR	120dB
HLC	Support
White Balance	Auto/Indoor/Outdoor/Tracking/Manual/Sodium lamp/ Natural/Street lamp
Gain Control	Auto/Manual
Noise Reduction	2D/3D
Motion Detection	Support
Region of Interest (RoI)	Support
Electronic Image Stabilization	Support
Defog	Electronic Defog
Digital Zoom	16x

Audio

Audio Compression	G.711A; G.711Mu; G.726; AAC; MPEG2-Layer2; G.722.1; G.729
Audio In	1
Audio Out	1

Network

Ethernet Port	1 RJ-45 Port 10/100Base-T
Network Protocol	IPv4; IPv6; HTTP; HTTPS; 802.1x; Qos; FTP; SMTP; UPnP; SNMP; DNS; DDNS; NTP; SNMPv1/v2c/ v3(MIB-2); ARP; RTCP; RTSP; RTP; TCP; UDP; IGMP; ICMP; DHCP; PPPoE
Interoperability	ONVIF; CGI
Streaming Method	Unicast / Multicast
User/Host	20 (Total bandwidth 48M)
Edge Storage	FTP; Micro SD card (256G); P2P
Browser	IE7 and newer versions Chrome 42 and older versions Firefox 52 and older versions Safari
Management Software	KBiVMS, KBView Lite KBView Pro

Electrical

Power Supply	DC12V/1.5A±10% POE (802.3af)
Power Consumption	7W 11W (PTZ, IR light)

Environmental

Operating Conditions	-30°C to +60°C (-22°F to 140°F)
----------------------	---------------------------------

KX-C2035PN

2MP 3x Starlight IR PTZ Network Camera

Operating Humidity	≤95% RH
Ingress Protection	IP66; TVS 4000V lightning protection; surge protection
Construction	
Housing Material	Aluminium alloy ADC12
Dimensions	Wall mounted: 195.3mm×90mm×102.7mm (7.69"×3.54"×4.04") Ceiling mounted: 190.8mm×90mm×112.2mm (7.51"×3.54"×4.42")
Weight	Net Weight: 0.9 kg (1.98 lb); Gross Weight: 1.2 kg (2.65 lb)

Dimensions (mm/inch)

