

KX-Y1002N

1MP IR Eyeball Network Camera



- 1/4" 1Megapixel Sony Sensor
- H.264+ & H.264 dual-stream encoding
- 25/30fps@720P(1280×720)
- DWDR, Day/Night(ICR), 2DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, KBView Pro, KBiVMS
- 2.8 mm fixed lens
- Max IR LEDs Length 30m
- IP67, PoE



Technical Specification

Camera

Image Sensor	1/4" 1Megapixel Sony Sensor
Effective Pixels	1280(H) x720(V)
RAM/ROM	256MB/16MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/100000s
Minimum Illumination	0.5Lux/F2.5(Color), 0Lux/F2.5(IR on)
S/N Ratio	More than 50dB
IR Distance	Distance up to 30m(98ft)
IR On/Off Control	Auto/ Manual
IR LEDs	12

Lens

Lens Type	Fixed				
Mount Type	Board-in				
Focal Length	2.8 mm (3.6 mm optional)				
Max. Aperture	F2.5/F2.5				
Angle of View	H:85°/57°, V:44°/31°				
Focus Control	Fixed				
Close Focus Distance	N/A				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	43.6m(143ft)	17.4m(57ft)	8.7m(29ft)	4.4m(14ft)
	3.6 mm	48m(157ft)	19.2m(63ft)	9.6m(31ft)	4.8m(16ft)

Pan/Tilt/Rotation

Pan/Tilt Range	Pan:0° ~360° ;Tilt:0° ~90° ;Rotation:0° ~360°
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Video

Compression	H.264+/H.264/MJPEG
Streaming Capability	2 Streams
Resolution	720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)
Frame Rate	720P (1 ~ 25/30fps) D1/CIF(1 ~ 25/30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H264:24K ~ 8192Kbps
Day/Night	Auto(ICR) / Color / B/W
BLC Mode	BLC / HLC / DWDR

White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto/Manual
Noise Reduction	2D DNR
Motion Detetion	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
Electronic Image	Support
Smart IR	Support
Digital Zoom	16x
Flip	0°/90°/180°/270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)

Audio

Compression	N/A
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Network

Ethernet	RJ-45 (10/100Base-T)
Protocol	HTTP;HTTPS;TCP;ARP;RTSP;RTP;UDP;SMTP;FTP;DHCP;DNS;DDNS;PPPOE;IPV4/v6;QoS;UPnP;NTP;Bonjour;802.1x;Multicast;ICMP;IGMP;
Interoperability	ONVIF, PSIA, CGI
Streaming Method	Unicast / Multicast
Max. User Access	10 Users/20 Users
Edge Storage	NAS(Network Attached Storage),Local PC for instant recording
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	KBView Pro, KBiVMS
Smart Phone	iPhone, iPad, Android Phone

Interface

Video Interface	N/A
Audio Interface	N/A
RS485	N/A
Alarm	N/A

Electrical

Power Supply	DC12V PoE (802.3af)(Class 0)
Power Consumption	<4.9W

Environmental

Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Storage Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Ingress Protection	IP67
Vandal Resistance	N/A

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Construction

Casing	Metal+Plastic
Dimensions	Φ108mm×84.9mm(4.25"×3.15")
Net Weight	0.23Kg(0.51lb)
Gross Weight	0.387Kg(0.85lb)

Dimensions (mm/inch)

