

KX-Y3002N

3MP IR Eyeball Network Camera



- 1/3" 3Megapixel Sony Sensor
- H.264+ & H.264 dual-stream encoding
- 20fps@3M(2048×1536) & 25/30fps@2M(1920×1080)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, KBView Pro, KBiVMS
- 3.6 mm fixed lens
- Max IR LEDs Length 30m
- IP67, PoE



Technical Specification

Camera

Image Sensor	1/3" 3Megapixel Sony Sensor
Effective Pixels	2304(H) x1536(V)
RAM/ROM	256MB/16MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/100000s
Minimum Illumination	0.1Lux/F2.0(Color), 0Lux/F2.0(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	3.6 mm				
Max. Aperture	F2.0				
Angle of View	H:77°;V:40.5°				
Focus Control	Fixed				
Close Focus Distance	N/A				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	58m(190ft)	23m(75ft)	12m(39ft)	6m(20ft)
	3.6 mm	73m(240ft)	29m(95ft)	15m(49ft)	7m(23ft)

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	3M(2048×1536)(2304×1296)/1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)
Frame Rate	3M(1 ~ 20fps)/2M (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	3D 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	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	<6.4W

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)