

## KX-Y2002TN3

### 2MP IR Eyeball Network Camera



- 1/2.9" 2Megapixel Sony CMOS
- H.265+&H.264+ dual-stream encoding
- 25/30fps@1080P(1920x1080)
- DWDR, Day/Night(ICR), 3DNR, HLC, AGC, BLC
- 3.6 mm fixed lens
- Max IR LEDs Length 30m
- IP67, PoE



#### Technical Specification

##### Camera

Image Sensor	1/2.9" 2Megapixel Sony CMOS
Effective Pixels	1920(H) x1080(V)
RAM/ROM	256MB/32MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s
Minimum Illumination	0.08Lux/F2.0( Color,1/3s,30IRE) 0.3Lux/F2.0( Color,1/30s,30IRE) 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	3.6mm				
Max. Aperture	F2.0/F2.0				
Angle of View	H:104°/92°,V:55°/50°				
Focus Control	Fixed				
Close Focus Distance	0.6m(0.9m)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	40(131ft)	16(52ft)	8(26ft)	4(13ft)
	3.6 mm	53(174ft)	21(69ft)	11(36ft)	5(16ft)

##### PTZ

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

Event Trigger	Motion detection, Video tampering, Scene changing, Network disconnection, IP address conflict, Illegal access, Storage anomaly
IVS	Tripwire, Intrusion

##### Video

Compression	H.265+/H.264+
Smart Codec	Support H.265+/H.264+
Streaming Capability	2 Streams
Resolution	1080P(1920x1080)/1.3M(1280x960)/720P(1280x720)/D1(704x576/704x480)/VGA(640x480)/CIF(352x288/352x240)
Frame Rate	Main Stream: 1080P(1 ~ 25/30fps)
	Sub Stream: D1(1 ~ 25/30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.265: 12K ~ 6400Kbps H.264: 32K ~ 10240Kbps

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 Detection	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;RTCP;UDP;SMTP;FTP;DHCP;DNS;DDNS;PPPoE;IPv4/v6;QoS;UPnP;NTP;Bonjour;IEEE 802.1x;Multicast;ICMP;IGMP;TLS
Interoperability	ONVIF Profile S&G, API
Streaming Method	Unicast / Multicast
Max. User Access	10 Users / 20 Users
Edge Storage	NAS Local PC for instant recording
Web Viewer	IE, Chrome, Firefox
Management Software	KBiVMS, KBView Lite, KBView Pro
Smart Phone	IOS, Android

##### 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	<5.5W

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## 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

## Construction

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