

KX-E2001SN2

2MP Covert Pinhole Camera (1 Main Box + 1 Lens Unit)

Design and specifications are subject to change without notice. Pictures in the document are for reference only, and the actual product shall prevail.



Main Box

- H.265&H.264 triple-stream encoding
- Support Smart H.265+/H.264+
- 50/60fps@1080P (1920×1080)
- Day/Night (Electronic), WDR, 3DNR, AWB, AGC, BLC
- Smart detection
- Micro SD memory, PoE
- Multiple Lens type optional
- Require a Lens Unit to work together



Camera	
RAM/ROM	512MB/32MB
S/N Ratio	More than 50dB
Intelligence	
IVS	Tripwire, Intrusion, Object Abandoned/Missing
Advanced Intelligent Functions	Face Detection
Video (working together with lens unit)	
Compression	H.265+/H.265/H.264+/H.264
Streaming Capability	3 Streams
Resolution	1080P (1920×1080)/ 1.3M(1280×960)/ 720P(1280×720)/ D1(704×576/704×480)/ VGA (640×480)/ CIF (352×288/342×240)
Frame Rate	Main Stream: 1080P(1~50/60fps)
	Sub Stream: D1 (1 ~ 25/30fps)
	Third Stream: 1080P(1~25/30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 24Kbps~ 9472Kbps H.265: 14Kbps~ 5632Kbps
Day/Night	Electronic
BLC Mode	BLC / HLC / WDR (120dB)
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detection	Off / On (4 Zones, Rectangle)
Region of Interest	Off / On (4 Zones)
Electronic Image Stabilization (EIS)	N/A
Smart IR	N/A
Defog	N/A
Digital Zoom	16x
Flip	0°/90°/180°/270°
Mirror	Off / On
Privacy Masking	Off / On (4 Areas, Rectangle)

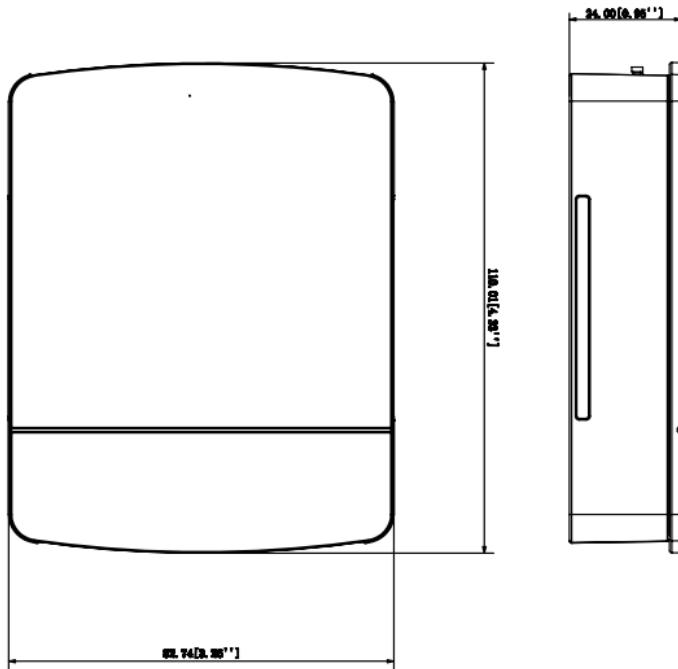
Audio	
Compression	G.711a/ G.711Mu/ AAC/ G.726
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP; NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP
Interoperability	ONVIF, PSIA, CGI
Streaming Method	Unicast / Multicast
Max. User Access	10 Users/20 Users
Edge Storage	NAS
	Local PC for instant recording Micro SD card 128GB
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	KBView, KBView Plus, KBiVMS
Smart Phone	IOS, Android
Interface	
Video Interface	N/A
Audio Interface	1/1 channel In/Out
RS232	1 port
Alarm	2 channel In: 5mA 5VDC 2 channel Out: 1A 30VDC / 0.5A 50VAC
Electrical	
Power Supply	DC12V, PoE(802.3af) (Class 0)
Power Consumption	<6W (working together with lens unit)
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	N/A
Vandal Resistance	N/A

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Construction	
Casing	Metal
Dimensions	110.0mm×82.7mm×24.0mm (4.33"×3.26"×0.95")
Net Weight	0.21Kg (0.46lb)
Gross Weight	0.30Kg (0.66lb)
Dimensions (mm/inch)	



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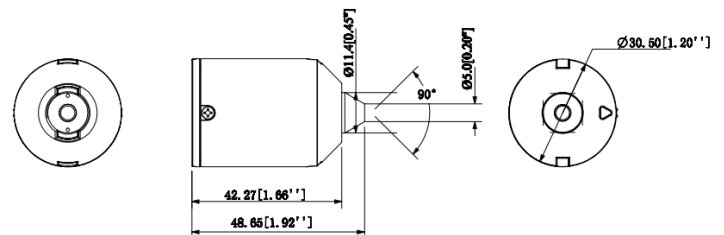
Lens Unit (Option 1)

- 1/2.8" 2Megapixel progressive scan STARVIS™ CMOS
- Day/Night (Electronic), WDR
- 2.8mm Fixed Pinhole Lens
- 8-meters cable
- Require a Main Box to work together



Camera				
Image Sensor	1/2.8" 2Megapixel progressive scan CMOS			
Scanning System	Progressive			
Effective Pixels	1920(H)x1080(V)			
Minimum Illumination	0.02Lux/F2.4 (Color,1/3s,30IRE) 0.08Lux/F2.4 (Color,1/30s,30IRE) 0.01Lux/F2.4 (B/W,1/3s,30IRE) 0.04Lux/F2.4 (B/W,1/30s,30IRE)			
IR Distance	N/A			
IR On/Off Control	N/A			
IR LEDs	N/A			
Lens				
Lens Type	Fixed			
Mount Type	Board-in			
Focal Length	2.8mm			
Max. Aperture	F2.4			
Angle of View	H:104° ,V:59°			
Optical Zoom	N/A			
Focus Control	Fixed			
Close Focus Distance	N/A			
DORI Distance	Detect	Observe	Recognize	Identify
	38m(126ft)	15m(50ft)	8m(25ft)	4m(12ft)

Pan/Tilt/Rotation	
Pan/Tilt/Rotation Range	N/A
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	N/A
Vandal Resistance	N/A
Construction	
Casing	Metal
Dimensions	Φ30.5mm×48.65mm (Φ1.20"×1.91")
Net Weight	0.40Kg (0.88lb)
Gross Weight	0.47Kg (1.03lb)
Dimensions (mm/inch)	



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Lens Unit (Option 2)

- 1/2.8" 2Megapixel progressive scan STARVIS™ CMOS
- Day/Night (Electronic), WDR
- 2.8mm Fixed Pinhole Lens
- 8-meters cable
- Support IP67
- Require a Main Box to work together



Camera				
Image Sensor	1/2.8" 2Megapixel progressive scan CMOS			
Scanning System	Progressive			
Effective Pixels	1920(H)x1080(V)			
Minimum Illumination	0.02Lux/F1.8 (Color,1/3s,30IRE)			
	0.1Lux/F1.8 (Color,1/30s,30IRE)			
	0.01Lux/F1.8 (B/W,1/3s,30IRE)			
	0.05Lux/F1.8 (B/W,1/30s,30IRE)			
IR Distance	N/A			
IR On/Off Control	N/A			
IR LEDs	N/A			
Lens				
Lens Type	Fixed			
Mount Type	Board-in			
Focal Length	2.8mm			
Max. Aperture	F1.8			
Angle of View	H:112°, V:60°			
Optical Zoom	N/A			
Focus Control	Fixed			
Close Focus Distance	0.5m			
DORI Distance	Detect	Observe	Recognize	Identify
	38m(124ft)	15m(49ft)	8m(26ft)	4m(13ft)

Pan/Tilt/Rotation	
Pan/Tilt/Rotation Range	N/A
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
Dimensions	Φ30.5mm×57.6mm (Φ1.20"×2.27")
Net Weight	0.40Kg (0.88lb)
Gross Weight	0.47Kg (1.03lb)
Dimensions (mm/inch)	

