

KX-D2002MN

2MP WDR IR Dome Network Camera

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



- 1/2.8" 2Megapixel Sony Starvis
- H.265 & MJPEG dual-stream encoding
- 2MP (1920 × 1080)@25/30 fps
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: KBiVMS, KBView Lite, KBView Pro
- Micro SD card slot, up to 256GB
- 2.7~13.5mm varifocal lens
- Max IR LEDs Length 40m
- IP67, IK10, PoE



Technical Specification

Camera

Image Sensor	1/2.8" 2Megapixel Sony Starvis
Effective Pixels	1920 (H) × 1080 (V)
ROM	128 MB
RAM	128 MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s~1/100000 s
Min. Illumination	0.002 Lux @ F1.5
IR Distance	40 m (131.23 ft)
IR On/Off Control	Auto/Manual
IR LEDs Number	2
Pan/Tilt/Rotation Range	Pan: 0°~355° Tilt: 0°~75° Rotation: 0°~355°

Lens

Lens Type	Motorized vari-focal				
Mount Type	Φ 14				
Focal Length	2.7mm~13.5mm				
Max. Aperture	F1.5				
Field of View	Pan: 109°~28° Tilt: 57°~16° Diagonal: 131°~33°				
Iris Type	Fixed aperture				
Close Focus Distance	0.8 m~0.8 m (2.62 ft~2.62 ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	44.1 m (144.69 ft)	17.6 m (57.75 ft)	8.8 m (28.87 ft)	4.4 m (14.44 ft)
	T	151.7 m (497.70 ft)	60.6 m (198.82 ft)	30.3 m (99.41 ft)	15.1 m (49.65 ft)

Smart Event

General IVS Analytics	Tripwire; intrusion
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Video

Video Compression	H.265; H.264; H.264B; MJPEG
Smart Codec	Yes
Video Frame Rate	Main stream: 1920 × 1080 (1 fps-25/30 fps) Sub stream: 704 × 576 (1 fps-25 fps) 704 × 480 (1 fps-30 fps)
Stream Capability	2 streams
Resolution	1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 32 kbps~6144 kbps H.265: 12 kbps~6144 kbps
Day/Night	Auto(ICR)/Color/B/W
BLC	Yes
HLC	Yes
WDR	120 dB
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest(Rol)	Yes (4 areas)
Smart IR	Yes
Image Rotation	0°/90°/180°/270° (Supports 90°/270° with 1080p resolution.)
Mirror	Yes
Privacy Masking	4 areas

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Network

Network	RJ-45 (10/100 Base-T)
Protocol	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; 802.1x; Bonjour
Interoperability	ONVIF(Profile S/Profile G/Profile T);CGI; P2P; Milestone; Genetec
User/Host	20
Edge Storage	FTP; SFTP; Micro SD Card (support max 256 GB); NAS
Browser	IE Chrome Firefox
Management Software	KBiVMS, KBView Lite, KBView Pro
Mobile Phone	IOS; Android

Power

Power Supply	12V DC/PoE (802.3af)
Power Consumption	< 6.4W

Environment

Operating Conditions	-30°C to +60°C (-22°F to +140°F)/less than ≤ 95% RH
Storage Temperature	-40°C to +60°C (-40°F to +140°F)
Protection Grade	IP67; IK10

Structure

Casing	Metal
Dimensions	Φ122 mm × 88.9 mm (Φ4.80" × 3.50")
Net Weight	0.47 kg (1.04 lb)
Gross Weight	0.63 kg (1.39 lb)

Dimensions (mm[inch])

