



Network

XNB-6001

Remote Head Cam & Lens modules



Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- H.265, H.264, MJPEG codec support, Multiple streaming
- Max. 60fps@2MP (H.265 / H.264)
- WDR (120dB), Defog, DIS, WiseStreamII
- Tampering, Loitering, Directional detection, Fog detection
- Audio detection, Digital auto tracking, Heatmap
- Queue management, Face detection, People counting
- Motion detection, Handover
- Memory slot (Max. 256GB), Hallway View
- LDC, PoE / 12V DC, Bi-directional audio support

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Specifications

Video

Resolution		1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264	60fps/50fps(60Hz/50Hz)
	MJPEG	30fps
Video Out		CVBS: 1.0 Vp-p / 75Ω composite for installation, USB: Micro USB Type B

Lens

Optional Lens	SLA-T1080F, SLA-T2480, SLA-T2480V, SLA-T4680, SLA-T4680V
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Operational

Day & Night		Auto(Electrical)
Backlight Compensation		BLC, HLC, WDR, SDR
Wide Dynamic Range (dB)		120
Digital Noise Reduction		SSNR V
Digital Image Stabilization		Support
Defog		Support
Motion Detection	Quantity	8ea
	Shape	8point Polygonal zones
Privacy Masking	Quantity	32ea
	Shape	4point Quadrangle zones
	Color / Option	Gray, Green, Red, Blue, Black, White, Mosaic
Gain Control		Low, Middle, High
White Balance		ATW, AWC, Manual, Indoor, Outdoor
LDC		Support
Electronic Shutter	Mode	Minimum, Maximum, Anti flicker
	Speed Range	2~1/12,000sec
Video Rotation		Flip, Mirror, Hallway view(90°/270°)
Alarm Interface	In/Out	Input 1ea, Output 1ea
Alarm Triggers		Analytics, Network disconnect, Alarm input

Operational

Alarm Events When Alarm Trigger Occurred	File upload(image): e-mail/FTP, Notification: e-mail, Recording: SD/SDHC/SDXC or NAS recording at event triggers, Alarm output, Handover: PTZ preset
Audio In	Selectable(mic in/line in)
Audio Out	Line out

Analytics

Analytics Events	Normal	Defocus detection, Motion detection, Tampering, Fog detection, Face detection, Virtual area(Lotering, Intrusion, Enter/Exit, Appear/Disappear), Virtual line(Crossing, Direction), Digital auto tracking
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Network

Ethernet	RJ-45(10/100BASE-T)	
Video Compression	H.265/H.264: Main/Baseline/High, MJPEG	
Audio Compression	G.711 u-law /G.726 selectable, G.726(ADPCM) 8kHz, G.711 8kHz, G.726: 16kbps, 24kbps, 32kbps, 40kbps, AAC-LC: 48kbps at 16kHz	
Smart Codec	Manual, WiseStream II	
Bitrate Control	H.265/H.264: CBR or VBR, MJPEG: VBR	
Streaming	Unicast	Up to 20 users
	Multicast	Support
	Multiple Streaming	Up to 10 profiles
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, SRTP(TCP, UDP Unicast), PIM-SM	
Application Programming Interface	ONVIF	S, G, T
	Others	SUNAPI(HTTP API), Hanwha Vision Open Platform
Direct Cloud Connection	Optional (needs gateway)	

Security

OS / Firmware Protect	Encrypted firmware, Secure boot, Signed firmware	
User authentication	Digest authentication	
Network authentication	IEEE 802.1X(EAP-TLS, EAP-LEAP)	
Secure Communication	HTTPS, SRTP	
Access Control	IP-based access control	
Data Protect	Encryption credentials, Encrypt compress for live recording file export	
Audit	Access / System / Event Log management	
Secure Storage	SDcard partition encrypt(AES-256)	

General

Memory	RAM	1GB
	Flash	256MB
Edge Storage	Micro SD/SDHC/SDXC	Max. 256GB x 1slot

Environmental & Electrical

Operating Condition	Temperature	-10°C~+55°C(+14°F~+131°F)
	Humidity	0~90% RH(non-condensing)
Storage Condition	Temperature	-30°C~+60°C(-22°F~+140°F)
	Humidity	0~90% RH(non-condensing)
Input Voltage		PoE(IEEE802.3af, Class3), 12VDC
Power Consumption	PoE	Max. 6.5W
	12VDC	Max. 6W

Mechanical

Color	Ivory
Material	Plastic
Product Dimensions	131.1(W)x28(H)x86(D)mm(5.16x1.1x3.39")
Product Weight	245g(0.54lb)

Compatible lenses



Video		SLA-T2480	SLA-T1080F	SLA-T2480V	SLA-T4680V	SLA-T4680
Imaging Device	Size	1/2.8"	1/2.8"	1/2.8"	1/2.8"	1/2.8"
	Type	CMOS	CMOS	CMOS	CMOS	CMOS
Effective Pixels		1,945(H)x1,109 (V) 2.16M	1,945(H)x1,109 (V) 2.16M	1,945(H)x1,109 (V) 2.16M	1,945(H)x1,109 (V) 2.16M	1,945(H)x1,109(V) 2.16M
Min. Illumination (Lux)	Color(1/30sec, 30IRE)	0.45	0.03	0.45	0.06	0.06
	BW(1/30sec, 30IRE)	0.45	0.03	0.45	0.06	0.06

Lens

Focal Length (mm)		2.4	1.6	2.4	4.6	4.6
Max. Aperture Ratio (F number)	Wide	2.0	1.6	2.0	2.5	2.5
Angular Field of View	Horizontal	138°	187°	138°	73°	73°
	Vertical	73°	113.9°	73°	39°	39°
	Diagonal	168°		168°	85°	85°
Mount Type		RJ12 connected with main unit	RJ12 connected with main unit	RJ12 connected with main unit	RJ12 connected with main unit	RJ12 connected with main unit
Focus Control		Fixed	Fixed	Fixed	Fixed	Fixed

Environmental & Electrical

Operating Condition	Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
	Humidity	Less than 90% RH	Less than 90% RH	Less than 90% RH	Less than 90% RH	Less than 90% RH
Storage Condition	Temperature	-50°C ~ +60°C (-58°F ~ +140°F)	-50°C ~ +60°C (-58°F ~ +140°F)	-50°C ~ +60°C (-58°F ~ +140°F)	-50°C ~ +60°C (-58°F ~ +140°F)	-50°C ~ +60°C (-58°F ~ +140°F)
	Humidity	Less than 90% RH	Less than 90% RH	Less than 90% RH	Less than 90% RH	Less than 90% RH

Mechanical

Color	Black	Black	Black	Black	Black
Material	Plastic	Metal, Plastic	Metal, Plastic	Metal, Plastic	Plastic
Product Dimensions	ø24x49.8mm(ø0.94"x1.96")	ø35x68.9mm(ø1.38"x2.71")	30x27.9x45mm (1.18"x0.10"x1.77")	30x20.2x45mm (1.18"x0.80"x1.77")	ø24x42mm(ø0.94"x1.65")
Product Weight	318g (0.70 lb)	321g (0.71 lb)	328g (0.72 lb)	321g (0.71 lb)	310g (0.68 lb)

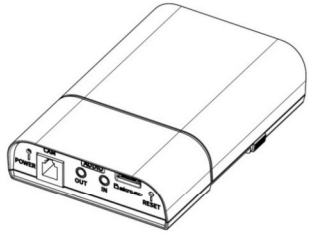
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CAD

Unit: mm [inch]



XNB-6001
UNIT : mm[inch]

