Hanwha Vision

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

Operational

Day & Night		Auto(Electrical)
Backlight Compensation		BLC, HLC, WDR, SSDR
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

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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

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)

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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)

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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	0.045	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°		165°	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	Plastic, Metal	Plastic, Metal	Plastic, Metal	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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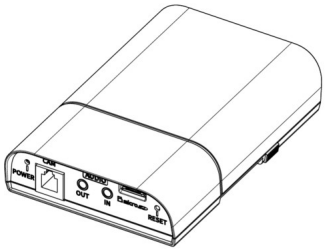
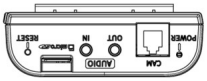
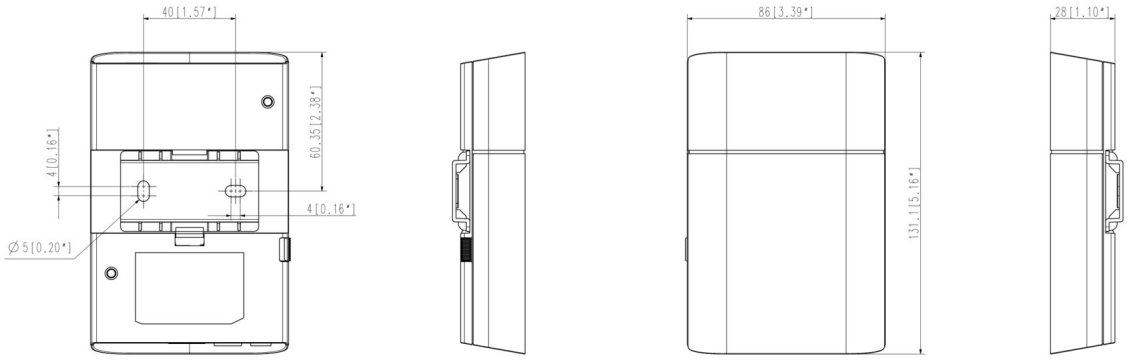
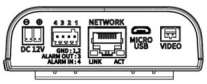
CAD

Unit: mm [inch]









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