





Network

XNB-6002

Remote Head Cam & Lens modules











Key Features

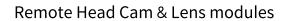
Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- H.265, H.264, MJPEG codec support, Multiple streaming
- Max. 60fps@2MP (H.265 / H.264)
- extremeWDR (120dB), Defog, DIS, WiseStreamII
- Tampering, Loitering, Directional detection, Fog detection
- Audio detection, Heatmap, Sound classification
- Queue management, Face detection, People counting
- Motion detection, Handover
- Compatible lens: SLA-T1080FA, SLA-T2480A, SLA-T2480VA, SLA-T4680VA





XNB-6002









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: $1.0Vp$ - p / 75Ω composite for installation, USB: Micro USB Type B	
Lens		•	
Optional Lens		SLA-T1080FA, SLA-T2480A, SLA-T2480VA, SLA-T4680A, SLA-T4680VA	
Operational			
Day & Night		Auto(Electrical)	
Backlight Compensation		BLC, HLC, WDR, SSDR	
Wide Dynamic Range (dB)		120	
Digital Noise Reduction		WiseNR, 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		Off, Max gain, Manual	
White Balance		ATW, NarrowATW, AWC, Manual, Indoor, Outdoor	
LDC		Support(Not support for fisheye lens)	
Electronic Shutter	Mode	Minimum, Maximum, Anti flicker, Prefer shutter control	
	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, App event, Time schedule, MQTT subscription	

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com Hanwha Vision is formerly known as Hanwha Techwin.





Operational							
Alarm Events When Alarm Trigger Occurred Audio In Audio Out		File upload(image): e-mail/FTP/SFTP, File upload(video clip): FTP/SFTP, Notification: e-mail, Recording: SD/SDHC/SDXC or NAS recording at event triggers, Alarm output, Handover: PTZ preset, send message by HTTP/HTTPS/TCP, Audio clip playback, MQTT: publication Selectable(mic in/line in) Line out					
					Analytics		
					Analytics Events	Normal	Defocus detection, Motion detection, Tampering, Fog detection, Face detection, Audio detection, Sound classification, Virtual area(Lotering, Intrusion, Enter/Exit, Appear/Disappear), Virtual line(Crossing, Direction)
Business Intelligence	Normal	People counting, Queue management, Heatmap					
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, 24kbp. 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, SFTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, SRTP(TCP, UDP Unicast)					
Application	ONVIF	S, G, T					
Programming Interface	Others	SUNAPI (HTTP API), Hanwha Vision Open Platform					
Direct Cloud Connection		Support					
Security							
OS / Firmware Protect		Encrypted firmware, Secure boot, Signed firmware					
User authentication		Digest authentication, Prevent brute-force attack					
Network authentication		IEEE 802.1X(EAP-TLS, EAP-LEAP, EAP-PEAP, MSCHAPv2)					
Secure Communication		HTTPS, WSS(WebSocket Secure), SRTP					
Access Control		IP-based access control					
Data Protect		Encryption credentials, Encrypt compress for live recording file export					
Audit		Access / System / Event Log management					
Device ID		Device certificate(Hanwha Vision Root CA)					
Secure Storage		TPM(Trusted platform module), HTPM(Hanwha Trusted Platform Module), SDcard partition encrypt(AES-256)					
Security Certificate		TPM 2.0 with FIPS 140-2 level2					

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General					
Memory	RAM 2GB				
	Flash	512MB			
Edge Storage	Micro SD/SDHC/SDXC	Max. 1TB x 1slot			
Environmental &	Electrical				
Operating Condition	Temperature	-10°C~+55°C(+14°F~+131°F)			
	Humidity	0~95% 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 10.5W, typical 6.9W			
	12VDC	Max 8.6W, typical 5.5W			
Power Redundance Failover		Support			
Mechanical					
Color		Black			
Material		Metal, Plastic			
RAL Code		RAL9005			
Product Dimensions		131.1(W)x33.5(H)x86(D)mm(5.16x1.32x3.39")			
Product Weight		420g(0.93lb)			
Certifications & S	tandards				
EMC		FCC 47 CFR 15 Subpart B Class A, ICES-3(A)/NMB-3(A), CE/UKCA - EN55032 Class A, EN 50130-4, EN 61000-3-2, EN 61000-3-3, VCCI CISPR 32 Class A, RCM AS-NZS CISPR 32 Class A, KS C 9832 Class A, KS C 9835			
Safety		UL 62368-1, CAN/CSA C22.2 NO. 62368-1			
Environment		IEC/EN 63000			





Compatible lenses



Video		SLA-T2480A	SLA-T2480VA	SLA-T4680A
Imaging Device	Size	1/2.8"	1/2.8"	1/2.8"
	Туре	CMOS	CMOS	CMOS
Min. Illumination (Lux)	Color(1/30sec, 30IRE)	0.045	0.045	0.06
	BW(1/30sec, 30IRE)	0.045	0.045	0.06
Lens				
Focal Length (mm)		2.4	2.4	4.6
Max. Aperture Ratio (F number)	Wide	2.0	2.0	2.5
Angular Field of View	Horizontal	138°	138°	73°
	Vertical	73°	73°	39°
	Diagonal	165°	165°	85°
Mount Type		RJ12 connected with main unit	RJ12 connected with main unit	RJ12 connected with main unit
Focus Control		Fixed	Fixed	Fixed
Mechanical			,	,
Color		Black	Black	Black
Material		Plastic	Metal, Plastic	Plastic
Product Dimensions		Ø24xL49.8mm	W30xH27.9xD45mm	Ø24xL49.8mm
				1

328g

318g

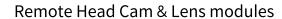
Product Weight

310g

X series XNB-6002



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CAD Unit: mm [inch]

