





XNB-6002

Remote Head Cam & Lens modules











Key Features

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- 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-T4680A, SLA-T4680VA





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Specifications

1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480,			
640x480, 640x360, 320x240			
H.265/H.264: Max. 60fps/50fps(60Hz/50Hz) MJPEG: Max. 30fps/25fps(60Hz/50Hz)			
CVBS: 1.0 Vp-p / 75Ω composite, $720x480(N)$, $720x576(P)$ for installation USB: Micro USB Type B, $1280x720$ for installation			
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SLA-T1080FA, SLA-T2480A, SLA-T2480VA, SLA-T4680A, SLA-T4680VA			
Displayed up to 85 characters			
Auto(Electrical)			
BLC, HLC, WDR, SSDR			
extremeWDR(120dB)			
SSNR V , WiseNR			
Support			
Support			
8ea, 8point Polygonal zones			
32ea, 4point Quadrangle zones - Color: Gray/Green/Red/Blue/Black/White - Mosaic			
Off / Max gain / Manual			
ATW / NarrowATW / AWC / Manual / Indoor / Outdoor			
Support(Not support for fisheye lens)			
Minimum / Maximum / Anti flicker(2~1/12,000sec) Prefer shutter control			
Flip, Mirror, Hallway view(90°/270°)			
Analytics events - Defocus detection, Motion detection, Tampering, Fog detection, Audio detection, Sound classification, Face detection, Virtual area(Loitering/Intrusion/Enter/Exit/Appear/Disappear), Virtual line(Crossing/Direction)			
People counting, Queue management, Heatmap			
Input 1ea / Output 1ea			
Analytics, Network disconnect, Alarm input, App event, Time schedule, MQTT subscription			
When alarm trigger occurred - 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			





Audio In	Selectable(mic in/line in)				
Audio Out	Line out				
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(5ea area), WiseStream II				
Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR				
Streaming	Unicast(20 users) / Multicast 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 Programming Interface	ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform				
Security					
OS / Firmware Protect	Encrypted Firmware, Secure boot, Signed Firmware				
User authentication	Digest Authenticaton, Prevent brute-force attacks				
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, HTPM(Hanwha trusted platform module), SDcard partition encrypt				
Security Certificate	TPM with FIPS 140-2 level2				
General					
Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek				
Edge Storage	Micro SD/SDHC/SDXC 1slot Max. 1TB				
Memory	2GB RAM, 512MB Flash				
Environmental & Electrical					
Operating Temperature / Humidity	-10°C~+55°C(+14°F~+131°F) / 0~95% RH(non-condensing)				
Storage Temperature / Humidity	-30°C~+60°C(-22°F~+140°F) / 0~90% RH				
Input Voltage	PoE(IEEE802.3af, Class3), 12VDC				
Power Consumption	PoE: Max 10.5W, typical 6.9W 12VDC: Max 8.6W, typical 5.5W Power redundancy failover				
Mechanical					
Color / Material	Black / Plastic, Metal				
RAL Code	RAL9005				
Product Dimensions / Weight	131.1(W)x33.5(H)x86(D)mm(5.16x1.32x3.39") / 420g(0.93lb)				
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Certifications & Standards	
EMC	FCC 47 CFR 15 Subpart B Class A ICES-3(A)/NMB-3(A) CE/UKCA - EN 55032 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

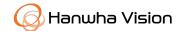
	•	P		P	
 Video	SLA-T1080FA	SLA-T2480A	SLA-T2480VA	SLA-T4680A	SLA-T4680VA
Imaging Device Resolution	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS
Effective Pixels Min. Illumination	Color: 0.03Lux(F1.6, 1/30sec)	Color: 0.045Lux(F2.0, 1/30sec)	Color: 0.045Lux(F2.0, 1/30sec)	Color: 0.06Lux(F2.5, 1/30sec)	Color: 0.06Lux(F2.5, 1/30sec)
Max. Framerate NETD Pixel Size Video Out Video Transmission Distance	1/30360/	1/30360/	1/30sec)	1/303EC/	1,30360)
Lens	SLA-T1080FA	SLA-T2480A	SLA-T2480VA	SLA-T4680A	SLA-T4680VA
Focal Length (Zoom Ratio) Max. Aperture Ratio Angular Field of View	1.6mm fixed focal F1.6 H: 187°, V: 113.9°	2.4mm fixed focal F2.0 H: 138°, V: 73°, D: 165°	2.4mm fixed focal F2.0 H: 138-, V: 73-, D: 165-	4.6mm fixed focal F2.5 H: 73°, V: 39°, D: 85°	4.6mm fixed focal F2.5 H: 73°, V: 39°, D: 85°
Lens Type Mount Type Focus Control Min. Object Distance Optional Lens	RJ12 connected with main unit fixed	RJ12 connected with main unit fixed	RJ12 connected with main unit fixed	RJ12 connected with main unit fixed	RJ12 connected with main unit fixed
Pan / Tilt / Rotate	SLA-T1080FA	SLA-T2480A	SLA-T2480VA	SLA-T4680A	SLA-T4680VA
Pan Speed Tilt Range Tilt Speed Rotate Range Sequence Preset Accuracy					
Operational	SLA-T1080FA	SLA-T2480A	SLA-T2480VA	SLA-T4680A	SLA-T4680VA
Camera Title Direction Indicator Day & Night Backlight Compensation Wide Dynamic Range Digital Noise Reduction					
Digital Image Stabilization Defog Motion Detection					
Privacy Masking Gain Control White Balance					
LDC Electronic Shutter Speed Digital PTZ Video Rotation					
Analytics Business Intelligence Serial Interface Alarm I/O					
Alarm Triggers Alarm Events Audio Streaming Audio In					
Audio III Audio Out IR Viewable Length IR Illuminator (Optional)					



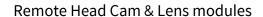


IR Radiation angle					
IR LED					
IR Wavelength IR Operation					
Water Removal					
Auto Tracking Coaxial Protocol					
Color Palettes					
Mechanical	SLA-T1080FA	SLA-T2480A	SLA-T2480VA	SLA-T4680A	SLA-T4680VA
Color / Material			Black / Plastic, Metal		W30xH27.9xD45mm,
Product dimensions / weight	Ø35xL68.9mm, 430g	Ø24xL49.8mm, 318g		Ø24xL49.8mm, 310g	321g
RAL Code			W30xH27.9xD45mm,		
Product Dimensions / Weight			328g		
Compatible Conduit hole / Gangbox Hanging Mount (Dome) Skin Cover					
Skin Cover (Dome)					
Weather Cap (Dome) Power Module					
Backbox					
Radiometry	SLA-T1080FA	SLA-T2480A	SLA-T2480VA	SLA-T4680A	SLA-T4680VA
Temperature Detect Range Temperature Accuracy					
Temperature Detection					
Additional					
Network	SLA-T1080FA	SLA-T2480A	SLA-T2480VA	SLA-T4680A	SLA-T4680VA
Ethernet					
Video Compression Audio Compression					
Smart Codec					
Video Quality Adjustment Bitrate Control					
Streaming					
Protocol SIP support (VoIP, Peer-to-peer,					
SIP/PBX integration)					
Security Application Programming Interface					
General	SLA-T1080FA	SLA-T2480A	SLA-T2480VA	SLA-T4680A	SLA-T4680VA
Webpage Language					
Web Viewer Edge Storage					
Memory					
Environmental & Electrical	SLA-T1080FA	SLA-T2480A	SLA-T2480VA	SLA-T4680A	SLA-T4680VA
Operating Temperature / Humidity					
Storage Temperature / Humidity Certification					
Input Voltage					
Power Consumption					
Certifications & Standards	SLA-T1080FA	SLA-T2480A	SLA-T2480VA	SLA-T4680A	SLA-T4680VA
Network					
EMC Safety					
Environment					
Video					
DORI (EN62676-4 standard)	SLA-T1080FA	SLA-T2480A	SLA-T2480VA	SLA-T4680A	SLA-T4680VA
Detect (25PPM/ 8PPF) Observe (63PPM/ 19PPF)					
Recognize (125PPM/ 38PPF)					
Identify (250PPM/ 76PPF)					

X series XNB-6002



XNB-6002









CAD Unit:mm [inch]

