



Network

BOX

XNB-6005

2MP H.265 Box Camera (extraLUX)



Key Features

- 0.006 Lux@F1.2 (Color), 0.0006 Lux@F1.2 (B/W)
- Max. 60fps@all resolutions (H.265 / H.264)
- Day & Night (ICR), WDR (150dB), Defog
- Digital image stabilization with built-in Gyro sensor
- Loitering, Directional detection, Fog detection
- Digital auto tracking, Sound classification, Tampering
- Motion detection, , Audio detection, Handover
- Memory slot (Max. 512GB, Hallway View, WiseStreamII)
- PoE / 24V AC, 12V DC, Bi-directional audio Support

Compatible Devices



SHB-4200H



SHB-4200



SHB-4301HP



STB-4150V



SHB-4300H1

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Specifications

Video		
Imaging Device	Size	1/2"
	Type	CMOS
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
Min. Illumination (Lux)	Color(1/30sec, 30IRE)	0.006
	BW(1/30sec, 30IRE)	0.0006
Video Out	CVBS: 1.0 Vp-p / 75Ω composite for installation, USB: Micro USB Type B	
Lens		
Focus Control	Simple focus, Manual	
Lens Type	DC auto iris, P iris	
Mount Type	C mount, CS mount	
Operational		
Day & Night	Auto(ICR)	
Backlight Compensation	BLC, HLC, WDR, SDR	
Wide Dynamic Range (dB)	150	
Digital Noise Reduction	SSNR V	
Digital Image Stabilization	Support(built-in gyro sensor)	
Defog	Support	
Motion Detection	Quantity	8ea
	Shape	8point Polygonal zones
Privacy Masking	Quantity	32ea
	Shape	Polygonal zones
	Color / Option	Gray, Green, Red, Blue, Black, White, Mosaic
Gain Control	Low, Middle, High	
White Balance	ATW, AWC, Manual, Indoor, Outdoor	
LDC	Support	

Operational

Electronic Shutter	Mode	Minimum, Maximum, Anti flicker
	Speed Range	2~1/12,000sec
Video Rotation		Flip, Mirror, Hallway view(90°/270°)
Serial Interface		RS-485(Samsung-T, Pelco-D/P, Panasonic, Bosch, AD, GE, Vicon, Honeywell)
Alarm Interface	In/Out	Input 1ea, Output 1ea
Alarm Triggers		Analytics, Network disconnect, Alarm input
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, send message by HTTP/HTTPS/TCP
Audio In		Selectable(mic in/line in), Built-in mic
Audio Out		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) , 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)
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
User authentication		Digest authentication
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

Security

Audit	Access / System / Event Log management
Device ID	Device certificate(Hanwha Vision Root CA)

General

Memory	RAM	1GB
	Flash	256MB
Edge Storage	Micro SD/SDHC/SDXC	Max. 512GB x 2slot(Total 1TB)

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), 24VAC, 12VDC
Power Consumption	PoE	Max. 8.5W
	12VDC	Max. 8W
	24VAC	Max. 9W

Mechanical

Color	Ivory, Black
Material	Plastic
Product Dimensions	73.1(W)x66.6(H)x147.8(D)mm(2.88x2.62x5.82")
Product Weight	420g(0.93lb)

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CAD

Unit: mm [inch]

XNB-6000
XNB-8000
UNIT : mm(inch)

