





6MP Box Camera











Key Features

- 6MP resolution
- 0.05Lux@F1.2 (Color), 0.005Lux(B/W)
- Max. 30fps@6MP (H.265/H.264)
- Day & Night (ICR), extreme WDR (120dB)
- DIS with built-in Gyro sensor
- Video Analytics(Defocus, Directional detection, Audio detection, Shock detection, Face/Upper body detection)
- Digital auto tracking, Sound classification
- Motion detection, Handover
- Dual SD slots (Max. 1TB)
- WiseStream II support
- Certified by UL CAP

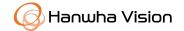
Compatible Accessories (Optional)





SHB-4301HP

STB-4150V



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Specifications

30x960,
/Disappear, ication,

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.



Alarm Events	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/Built-in mic)
Audio Out	Line out
Network	
Ethernet	Metal shielded RJ-45(10/100/1000BASE-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, 3 virtual channel support)
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, CDP, SRTP(TCP, UDP Unicast), MQTT
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	HTPM(Hanwha trusted platform module), SDcard partition encrypt
Security Certificate	CyberSecurity assuarance program UL CAP(UL 2900-2-3 L2)
General	
Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
Webpage Language Edge Storage	
	Polish, Turkish, Dutch, Hungarian, Greek
Edge Storage	Polish, Turkish, Dutch, Hungarian, Greek Micro SD/SDHC/SDXC 2slot Max. 1TB(512GBx2)
Edge Storage Memory	Polish, Turkish, Dutch, Hungarian, Greek Micro SD/SDHC/SDXC 2slot Max. 1TB(512GBx2)
Edge Storage Memory Environmental & Electrical	Polish, Turkish, Dutch, Hungarian, Greek Micro SD/SDHC/SDXC 2slot Max. 1TB(512GBx2) 4GB RAM, 512MB Flash

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PoE: Max 12.95W, typical 8.2W 12VDC: Max 11.5W, typical 7.5W 24VAC: Max 13.5W, typical 8.9W **Power Consumption**

Power redundancy failover

Color / MaterialBlack / AluminumProduct Dimensions / Weight81(W)x67(H)x165(D)mm(3.19x2.64x6.48"), 880g(1.94 lb)Housing (Box)SHB-4301HP, SHB-4200/4200H	Mechanical	
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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

UL 62368-1, CAN/CSA C22.2 NO. 62368-1 Safety IEC/EN 62471



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CAD Unit:mm [inch]

