

XNB-9002

4K Network Box Camera



Key Features

- 4K resolution
- 0.05Lux@F1.2 (Color), 0.005Lux(B/W)
- 30fps@4K (H.265/H.264)
- Day & Night (ICR), extreme WDR
- DIS with built-in Gyro sensor
- Video Analytics(Defocus detection, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Sound classification, Shock detection, Face/upper body detection, Fog detection, Motion detection, Digital auto tracking, PTZ handover)
- Dual SD slots (Maximum total capacity 512GB)
- WiseStream II support

Accessories (Optional)



SHB-4301HP



STB-4150V

Video

Imaging Device	1/2.8"CMOS
Resolution	3840x2160, 3328x1872,3072x1728, 2592x1944, 2688x1520, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Maximum Framerate	H.265/H.264: Maximum 30fps MJPEG: Maximum 15fps
Minimum Illumination	Color: 0.05Lux(F1.2, 1/30sec) B/W: 0.005Lux
Video Out	CVBS: 1.0 Vp-p / 75Ω composite, 720x480 for installation USB: Micro USB Type B, 1280x720 for installation

Lens

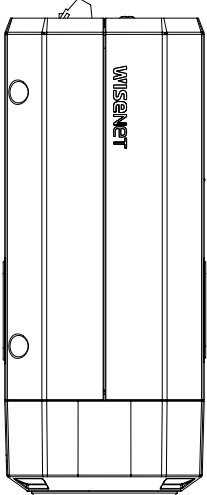
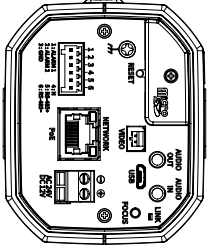
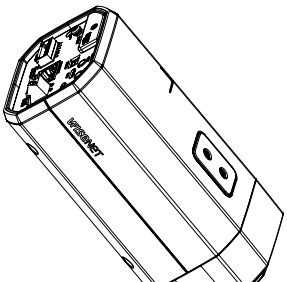
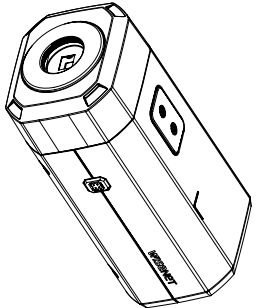
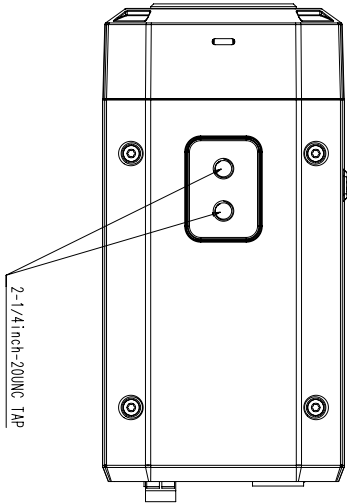
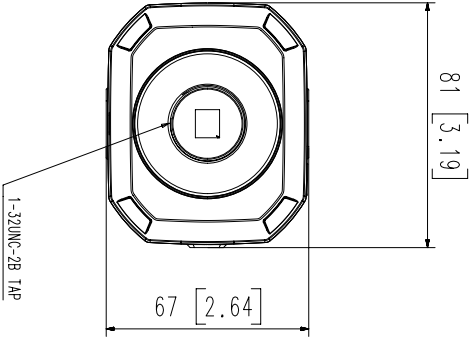
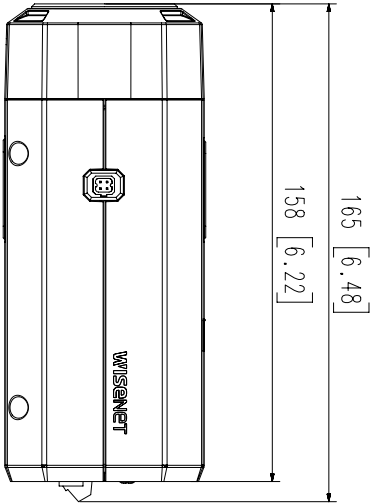
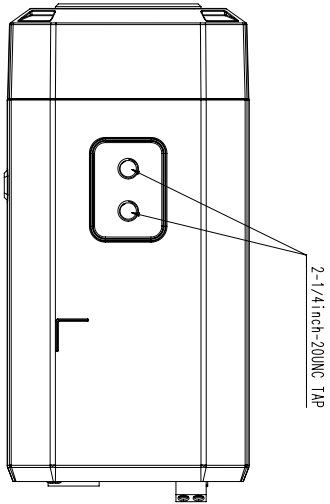
Focus Control	Simple focus
Lens Type	DC auto iris, P iris, Manual, I-CS
Mount Type	C mount, CS mount

Operational

Camera Title	Displayed up to 85 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR, SSDR
Wide Dynamic Range	extremeWDR
Digital Noise Reduction	SSNR V
Digital Image Stabilization	Support(built-in gyro sensor)
Defog	Support
Motion Detection	8ea, 8point Polygonal zones
Privacy Masking	32ea, polygonal zones - Color : Gray, Green, Red, Blue, Black, White - Mosaic
Gain Control	Support
White Balance	ATW / Narrow ATW / AWC / Manual / Indoor / Outdoor
LDC	Support
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (1/5~1/12,000sec)
Video Rotation	Flip, Mirror, Hallway view(90°/270°)
Analytics	Defocus detection, Directional detection, Motion detection, Digital auto tracking, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Sound classification, Shock detection, Face/upper body detection
Business Intelligence	People counting, Queue management, Heatmap
Serial Interface	RS-485(Samsung-T, Pelco-D/P, Panasonic, Bosch, AD, GE, Vicon, Honeywell)
Alarm I/O	2 configurable I/O ports
Alarm Triggers	Analytics, Network disconnect, Alarm input
Alarm Events	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers Alarm output PTZ Preset Handover Audio playback

Audio In	Selectable(microphone in/line in/Built-in microphone) Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm
Audio Out	Line out, Maximum output level: 1Vrms
Network	
Ethernet	RJ-45(10/100/1000BASE-T)
Video Compression	H.265/H.264: Main/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), WiseStreamII
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, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, SRTP (TCP, UDP Unicast)
Security	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP) Device Certificate(Hanwha Techwin Root CA)
Application Programming Interface	ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform
General	
Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish,, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
Web Viewer	Supported OS: Windows 8.1 or later, Mac OS X 10.13 or later Recommended Browser: Google Chrome Supported Browser: MS Internet Explorer 11, MS Edge, Mozilla Firefox (Windows 64-bit only), Apple Safari (Mac OS X only)
Edge Storage	Micro SD/SDHC/SDXC 2 slot 512GB (256Gx2)
Memory	4GB RAM, 512MB Flash
Environmental & Electrical	
Operating Temperature / Humidity	-10°C ~ +55°C(+14°F ~ +131°F) / Less than 95% RH (non condensing)
Storage Temperature / Humidity	-50°C ~ +60°C(-58°F ~ +140°F) / Less than 90% RH
Input Voltage	PoE(IEEE802.3af), 12VDC, 24VAC
Power Consumption	PoE: Maximum 12.95W, typical 8.2W 12VDC: Maximum 11.5W, typical 7.5W 24VAC: Maximum 13.5W, typical 8.9W
Mechanical	
Color / Material	Black / Aluminum
Product dimensions / weight	81(W)x67(H)x165(D)mm(3.19x2.64x6.48"), 0.88kg(1.94 lb)

- The latest product information / specification can be found at hanwhasecurity.com
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of Hanwha Techwin, formerly known as Samsung Techwin.



3	파생 MODEL2	
2	XNB-8002	'20.04.02
1	XNB-9002	'20.04.02
No.	MODEL NAME	DATE

Unit : mm [inch] SCALE : 4/5