

Network BOX

QNB-8002

5MP Box Camera

Key Features

- 0.07Lux@F1.2 (Color)
- Max. 30fps@5MP (H.265/H.264)
- Day & Night (ICR), WDR(120dB)
- Defocus detection, Directional detection, Motion detection, Enter/Exit, Tampering, Virtual line, Tampering
- SD 1slot (128GB)
- H.265, H.264, MJPEG codec, WiseStream II

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com
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5MP Box Camera



Specifications

Video

Imaging Device	Size	1/2.8"
	Type	CMOS
Resolution		2592x1944, 2560x1440, 1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264	30fps/25fps(60Hz/50Hz)
	MJPEG	15fps(@5MP Max. 2fps)
Min. Illumination (Lux)	Color(1/30sec, 30IRE)	0.07
	BW(1/30sec, 30IRE)	0.007
Video Out		CVBS: 1.0 Vp-p / 75Ω composite for installation

Lens

Focus Control		Manual
Lens Type		DC auto iris, Manual
Mount Type		C mount, CS mount

Operational

Day & Night		Auto(ICR)
Backlight Compensation		BLC, WDR, SSDR
Wide Dynamic Range (dB)		120
Digital Noise Reduction		SSNR
Motion Detection	Quantity	4ea
	Shape	8point Polygonal zones
Privacy Masking	Quantity	6ea
	Shape	Rectangular zones
Gain Control		Low, Middle, High
White Balance		ATW, AWC, Manual, Indoor, Outdoor
LDC		Support
Electronic Shutter	Mode	Minimum, Maximum, Anti flicker
	Speed Range	1/5~1/12,000sec
Video Rotation		Flip, Mirror, Hallway view(90°/270°)

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Operational

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
Audio In		Selectable(mic in/line in)
Audio Out		Line out

Analytics

Analytics Events	Normal	Defocus detection, Motion detection, Tampering, Virtual area(Intrusion/Enter/Exit), Virtual line(Crossing, Direction)

Network

Ethernet		RJ-45(10/100BASE-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
Smart Codec		WiseStream II
Bitrate Control		H.265/H.264: CBR or VBR, MJPEG: VBR
Streaming	Unicast	Up to 6 users
	Multicast	Support
	Multiple Streaming	Up to 3 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
Application Programming Interface	ONVIF	S, G, T
	Others	SUNAPI(HTTP API), Hanwha Vision Open Platform

Security

OS / Firmware Protect	Encrypted 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	SDcard partition encrypt(AES-256)

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General

Memory	RAM	512MB
	Flash	256MB
Edge Storage	Micro SD/SDHC/SDXC	Max. 128GB x 1slot

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), 12VDC
Power Consumption	PoE	Max 6.4W, Typical 4.6W
	12VDC	Max 5.8W, Typical 4.1W

Mechanical

Color	Ivory, Black
Material	Plastic
Product Dimensions	73.8(W)x66.6(H)X136.2(D)mm(2.9x2.6x5.4")
Product Weight	320g(0.71lb)

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Compatible lenses

the specifications for lenses



SLA-M2890DN

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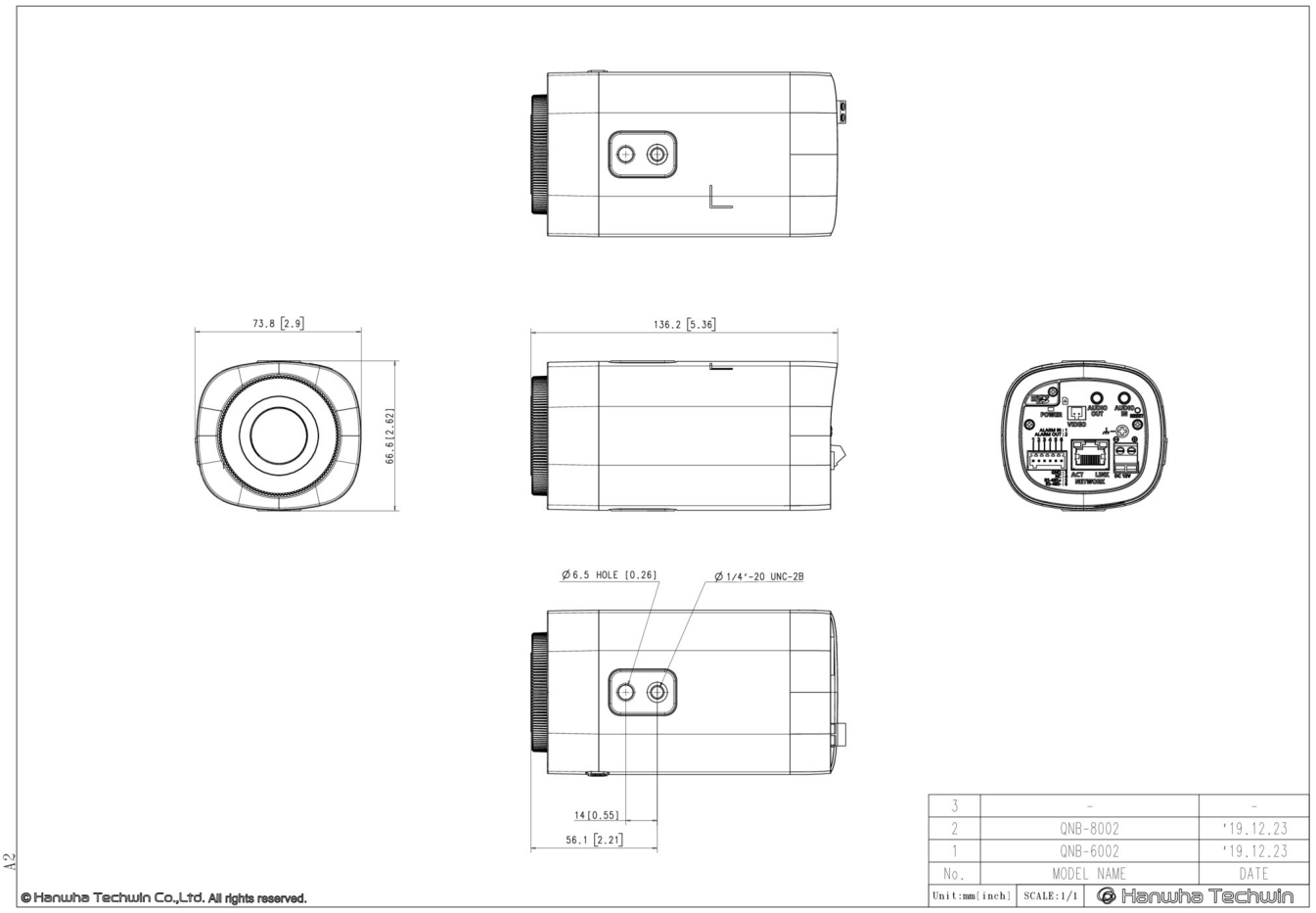
CAD

Unit: mm [inch]



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Compatible Devices


SHB-4200H


SHB-4200


SHB-4301HP


STB-4150V


SHB-4300H1

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