



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

Compatible Devices



SHB-4200H



SHB-4200



SHB-4301HP



STB-4150V

QNB-8002

5MP Box Camera



Specifications

Video

Imaging Device	1/2.8" CMOS
Resolution	5MP mode : 2592x1944, 1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 4MP mode : 2560x1440, 1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 15fps(@5MP Max. 2fps)
Min. Illumination	Color: 0.07Lux(F1.2, 1/30sec, 30IRE) B/W : 0.007Lux(F1.2, 1/30sec, 30IRE)
Video Out	CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation

Lens

Focus Control	Manual
Lens Type	Manual/ DC-IRIS
Mount Type	C mount, CS mount

Operational

Camera Title	Displayed up to 85 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, WDR, SSDR
Wide Dynamic Range	120dB
Digital Noise Reduction	SSNR
Motion Detection	4ea, polygonal zones
Privacy Masking	6ea, rectangular zones
Gain Control	Low / Middle / High
White Balance	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	Motion detection, Tampering, Defocus detection , Virtual area(Intrusion/Enter/Exit), Virtual line(Crossing/Direction)
Serial Interface	RS-485(Samsung-T, Pelco-D/P, Panasonic, Bosch, AD, GE, Vicon, Honeywell)
Alarm I/O	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)

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.

Audio Out	Line out
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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.264/H.265: CBR or VBR MJPEG: VBR
Streaming	Unicast(6 users) / Multicast 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 Profile S/G/T SUNAPI(HTTP API) Wisenet open platform
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Security	
OS / Firmware Protect	Firmware encryption
User authentication	Digest Authentication, Prevent brute-force attack
Network authentication	802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2)
Secure Communication	HTTPS, SRTP, WSS(WebSocket secure)
Access Control	Access control based on IP address
Data Protect	Authentication information encryption, ZIP compression encryption
Audit	User Access/System/Event log management
Device ID	Device Certificate(Hanwha Private Root CA)
Secure Storage	SDcard partition encrypt
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General	
Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch
Edge Storage	Micro SD/SDHC/SDXC 1slot 128GB
Memory	512MB RAM, 256MB Flash
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Environmental & Electrical	
Operating Temperature / Humidity	-10°C~+55°C(+14°F~+131°F) / 0~90% 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 6.4W, Typical 4.6W 12VDC: Max 5.8W, Typical 4.1W
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Mechanical	
Color / Material	Black, Ivory / Plastic
Product Dimensions / Weight	73.8(W)x66.6(H)x136.2(D)mm(2.9x2.6x5.4"), 320g(0.71 lb)

Compatible lenses



Video SLA-M2890DN

Imaging Device

Resolution

Effective Pixels

Min. Illumination

Max. Framerate

NETD

Pixel Size

Video Out

Video Transmission Distance

Lens SLA-M2890DN

Focal Length (Zoom Ratio)

Max. Aperture Ratio

Angular Field of View

Lens Type

Mount Type

Focus Control

Min. Object Distance

Optional Lens

Pan / Tilt / Rotate SLA-M2890DN

Pan / Tilt / Rotate Range

Pan Range

Pan Speed

Tilt Range

Tilt Speed

Rotate Range

Sequence

Preset Accuracy

Operational SLA-M2890DN

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 Out

IR Viewable Length

IR Illuminator (Optional)

IR Radiation angle

IR LED

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Hanwha Vision is formerly known as Hanwha Techwin.

IR Wavelength

IR Operation

Water Removal

Auto Tracking

Coaxial Protocol

Color Palettes

Mechanical SLA-M2890DN

Color / Material

Product dimensions / weight

RAL Code

Product Dimensions / Weight

Compatible Conduit hole / Gangbox

Hanging Mount (Dome)

Skin Cover

Skin Cover (Dome)

Weather Cap (Dome)

Power Module

Backbox

Radiometry SLA-M2890DN

Temperature Detect Range

Temperature Accuracy

Temperature Detection

Additional

Network SLA-M2890DN

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-M2890DN

Webpage Language

Web Viewer

Edge Storage

Memory

Environmental & Electrical SLA-M2890DN

Operating Temperature / Humidity

Storage Temperature / Humidity

Certification

Input Voltage

Power Consumption

Certifications & Standards SLA-M2890DN

Network

EMC

Safety

Environment

Video

DORI (EN62676-4 standard) SLA-M2890DN

Detect (25PPM/ 8PPF)

Observe (63PPM/ 19PPF)

Recognize (125PPM/ 38PPF)

Identify (250PPM/ 76PPF)

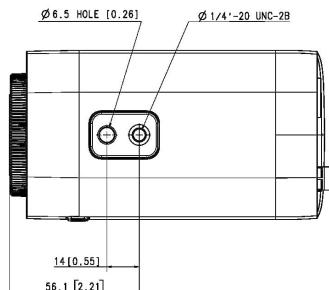
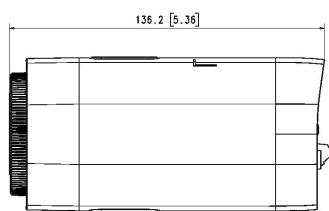
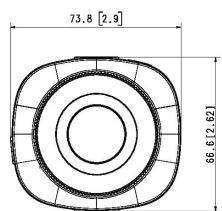
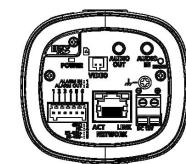
QNB-8002

5MP Box Camera



CAD

Unit:mm [inch]



3	-	-
2	QNB-8002	'19.12.23
1	QNB-6002	'19.12.23
No.	MODEL NAME	DATE

Unit:mm [inch] SCALE:1/1 © Hanwha Techwin

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