

# QNB-6002

2MP Network Box Camera



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## Key Features

- 0.01Lux@F1.2 (Color)
- Max. 30fps@2MP (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

**Video**

|                   |                                                                         |
|-------------------|-------------------------------------------------------------------------|
| Imaging Device    | 1/2.8" 2MP CMOS                                                         |
| Effective Pixels  | 1920(H)x1080(V)                                                         |
| Min. Illumination | Color: 0.01Lux(F1.2, 1/30sec)                                           |
| 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 |
| Optional Lens | SLA-M2890DN       |

**Operational**

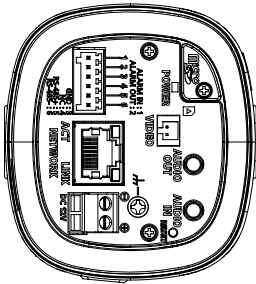
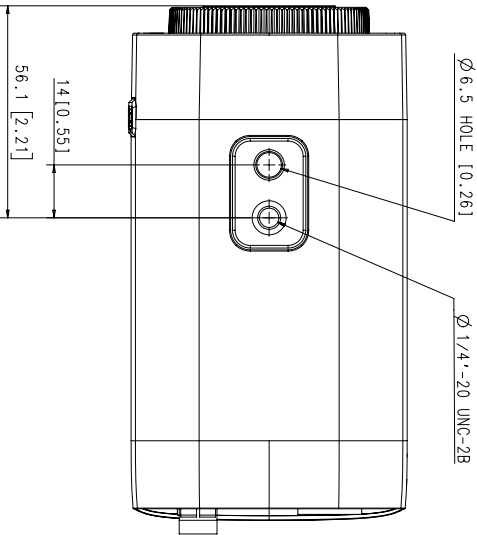
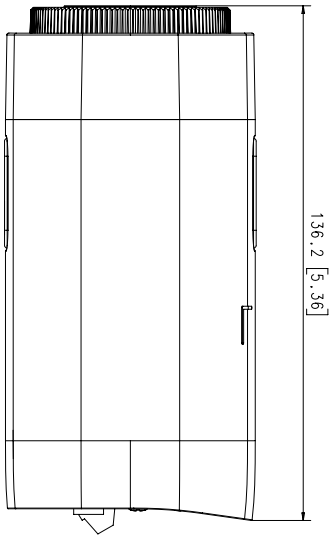
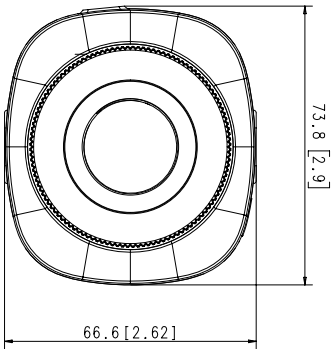
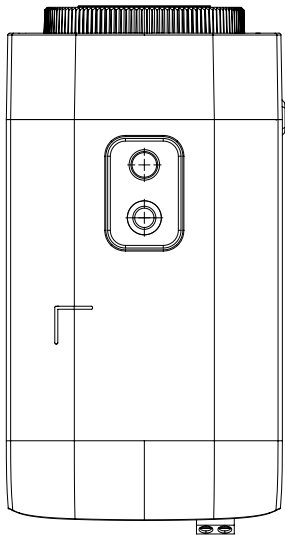
|                          |                                                                                                                              |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 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                | Defocus detection, Directional detection, Motion detection, Enter/Exit, Tampering, Virtual line                              |
| 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             | File upload via FTP and e-mail<br>Notification via e-mail<br>SD/SDHC/SDXC or NAS recording at event triggers<br>Alarm output |
| Audio In                 | Line-in<br>Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm                                                              |
| Audio Out                | Line-out 1Vrms                                                                                                               |

**Network**

|                   |                                                                                                                   |
|-------------------|-------------------------------------------------------------------------------------------------------------------|
| Ethernet          | RJ-45(10/100BASE-T)                                                                                               |
| Video Compression | H.265/H.264: Main/Baseline/High, MJPEG                                                                            |
| Resolution        | 1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 |
| Max. Framerate    | H.265/H.264: Max. 30fps/25fps(60Hz/50Hz)<br>MJPEG: Max. 15fps/12fps(60Hz/50Hz)                                    |
| Smart Codec       | WiseStreamII                                                                                                      |

|                                   |                                                                                                                                                                                                                   |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bitrate Control                   | H.264/H.265: CBR or VBR<br>MJPEG: VBR                                                                                                                                                                             |
| Streaming                         | Unicast(6 users) / Multicast<br>Multiple streaming (Up to 3 profiles)                                                                                                                                             |
| Audio Compression                 | G.711 u-law /G.726 Selectable<br>G.726(ADPCM) 8KHz, G.711 8KHz<br>G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps                                                                                                           |
| 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                                |
| Security                          | HTTPS(SSL) Login Authentication<br>Digest Login Authentication<br>IP Address Filtering<br>User access log<br>802.1X Authentication(EAP-TLS, EAP-LEAP)<br>Device Certificate(Hanwha Techwin Root CA)               |
| Edge Storage                      | Micro SD/SDHC/SDXC 1slot 128GB                                                                                                                                                                                    |
| Application Programming Interface | ONVIF Profile S/G/T<br>SUNAPI(HTTP API)<br>Wisenet open platform                                                                                                                                                  |
| Web Viewer                        | Supported OS: Windows 7, 8.1, 10, Mac OS X 10.12, 10.13, 10.14<br>Recommended Browser: Google Chrome<br>Supported Browser: MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X only) |
| Memory                            | 1024MB RAM, 256MB Flash                                                                                                                                                                                           |
| <b>Environmental</b>              |                                                                                                                                                                                                                   |
| Operating Temperature / Humidity  | -10°C ~ +55°C (-14°F ~ +131°F) / Less than 90% RH                                                                                                                                                                 |
| Storage Temperature / Humidity    | -30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH                                                                                                                                                                 |
| <b>Electrical</b>                 |                                                                                                                                                                                                                   |
| Input Voltage                     | PoE(IEEE802.3af, Class3), 12VDC                                                                                                                                                                                   |
| Power Consumption                 | PoE: Max 6.4W, Typical 4.6W<br>12VDC: Max 5.8W, Typical 4.1W                                                                                                                                                      |
| <b>Mechanical</b>                 |                                                                                                                                                                                                                   |
| 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)                                                                                                                                                           |

- The latest product information / specification can be found at [hanwha-security.com](http://hanwha-security.com)
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of **Hanwha Techwin**, formerly known as Samsung Techwin.



|                |            |                  |
|----------------|------------|------------------|
| 3              | -          | -                |
| 2              | QNB-8002   | '19.12.23        |
| 1              | QNB-6002   | '19.12.29        |
| No.            | MODEL NAME | DATE             |
| Unit:mm [inch] | SCALE:1/1  | © Hanwha Techwin |