



Network

BOX

# QNB-6002

2MP-Box-Netzwerkkamera

## Key Features

- 0,01 Lux bei F1.2 (Farbe)
- Max. 30 BpS bei 2 MP (H.265 / H.264)
- Tag & Nacht (ICR), WDR (120 dB)
- Defokussierungserkennung, Richtungserkennung, Bewegungserkennung, Betreten / Verlassen, Manipulation, virtuelle Linie, Manipulation
- 1 SD-Steckplatz (128 GB)
- H.265-, H.264-, MJPEG-Komprimierung, WiseStream II

# QNB-6002

2MP-Box-Netzwerkamera



## Specifications

### Video

|                         |                       |                                                                                                                   |
|-------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| Imaging Device          | Size                  | 1/2.8"                                                                                                            |
|                         | Type                  | CMOS                                                                                                              |
| Resolution              |                       | 1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 |
| Max. Framerate          | H.265/H.264           | 30fps/25fps(60Hz/50Hz)                                                                                            |
|                         | MJPEG                 | 15fps                                                                                                             |
| Min. Illumination (Lux) | Color(1/30sec, 30IRE) | 0.01                                                                                                              |
|                         | BW(1/30sec, 30IRE)    | 0.001                                                                                                             |
| 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    |
| Optional Lens | SLA-M2890DN          |

### 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                   |

## Operational

|                                          |        |                                                                                                                                     |
|------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------|
| Video Rotation                           |        | Flip, Mirror, Hallway view(90°/270°)                                                                                                |
| 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,<br>Notification: e-mail,<br>Recording: SD/SDHC/SDXC or NAS recording at event triggers,Alarm output |
| 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                   |                    | None,<br>H.265/H.264: CBR or VBR,<br>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                             |
| Audit                  |  | Access / System / Event Log management             |
| Device ID              |  | Device certificate(Hanwha Vision Root CA)          |

## General

|              |                    |                    |
|--------------|--------------------|--------------------|
| Memory       | RAM                | 1GB                |
|              | 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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CAD

Unit: mm [inch]

