

# QNV-6072R

2M H.265 NW IR Dome Camera



## Key Features

- Max. 2megapixel (1920 x 1080) resolution
- 0.03lux (Color), 0Lux (B/W, IR LED on)
- 3.2 ~ 10mm (3.1x) varifocal lens
- Max. 30fps@2M all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Motion detection, Tampering, Defocus detection
- Hallway view (90°/270°), LDC support
- Micro SD/SDHC/SDXC memory slot (Max. 128GB)
- IR viewable length 30m
- IP66, IK10, PoE/12VDC

## Compatible Accessories (Optional)



SBP-301HMW2



SBV-136BW



SPB-VAW72



SBP-300MMW



SBP-137MMW1



SHD-1408FW



SBP-300MMW1



SBP-300LMW



SBP-300NBW



SBP-300BW



SBP-300KMW



SBP-300PMW



SBP-300CMW

| Video                     |  |
|---------------------------|--|
| Imaging Device            | 1/2.8" 2MP CMOS  |
| Resolution                | 1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360  |
| Max. Framerate            | H.265/H.264: Max. 30fps/25fps(60Hz/50Hz)<br>MJPEG: Max. 15fps/12fps(60Hz/50Hz)   |
| Min. Illumination         | Color: 0.03Lux(F1.6, 1/30sec)<br>BW: 0Lux(IR LED on)   |
| Video Out                 | CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation  |
| Lens                      |  |
| Focal Length (Zoom Ratio) | 3.2~10mm(3.1x) manual varifocal  |
| Max. Aperture Ratio       | F1.6(Wide)~F2.9(Tele)  |
| Angular Field of View     | H: 109.0°(Wide)~33.2°(Tele) / V: 57.4°(Wide)~18.7°(Tele) / D: 132.0°(Wide)~38.0°(Tele)                                       |
| Focus Control             | Manual   |
| Lens Type                 | DC auto iris   |
| Pan / Tilt / Rotate       |  |
| Pan / Tilt / Rotate Range | 0°~350° / 0°~67° / 0°~355°   |
| Operational               |  |
| Camera Title              | Displayed up to 85 characters  |
| Day & Night               | Auto(ICR)  |
| Backlight Compensation    | BLC, WDR, SDR  |
| 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                              |
| 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                  | Selectable(mic in/line in)<br>Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm   |
| IR Viewable Length        | 30m(98.42ft)   |

| <b>Network</b>                        |   |
|---------------------------------------|---|
| Ethernet                              | RJ-45(10/100BASE-T)   |
| Video Compression                     | H.265/H.264: Main/High, MJPEG   |
| Audio Compression                     | G.711 u-law /G.726 Selectable<br>G.726(ADPCM) 8KHz, G.711 8KHz<br>G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps   |
| Smart Codec                           | WiseStream II   |
| Bitrate Control                       | H.264/H.265: CBR or VBR<br>MJPEG: VBR   |
| Streaming                             | Unicast(6 users) / Multicast<br>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                            |
| 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)   |
| Application Programming Interface     | ONVIF Profile S/G/T<br>SUNAPI(HTTP API)<br>Wisenet open platform  |
| <b>General</b>                        |   |
| Webpage Language                      | English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch   |
| Web Viewer                            | Supported OS: Windows 7, 8.1, 10, Mac OSx10.12, 10.13, 10.14<br>Recommended Browser: Google Chrome<br>Supported Browser: MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OSxonly) |
| Edge Storage                          | Micro SD/SDHC/SDXC 1slot 128GB  |
| Memory                                | 512MB RAM, 256MB Flash  |
| <b>Environmental &amp; Electrical</b> |   |
| Operating Temperature / Humidity      | -30°C ~ +55°C(-22°F ~ +131°F) / Less than 90% RH<br>* Start up should be done at above -20°C  |
| Storage Temperature / Humidity        | -30°C ~ +60°C(-22°F ~ +140°F) / Less than 90% RH  |
| Certification                         | IP66, IK10  |
| Input Voltage                         | PoE(IEEE802.3af, Class3), 12VDC   |
| Power Consumption                     | PoE: Max 7.70W, typical 6.00W<br>12VDC: Max 6.50W, typical 5.10W  |
| <b>Mechanical</b>                     |   |
| Color / Material                      | White / Aluminum  |
| RAL Code                              | RAL9003   |
| Product Dimensions / Weight           | Ø137.0x106.1mm(Ø5.39x4.18"), 710g(1.57 lb)  |
| <b>DORI (EN62676-4 standard)</b>      |   |

|                                  |   |
|----------------------------------|---|
| <b>Detect (25PPM/ 8PPF)</b>      | Wide: 27.4m(89.85ft) / Tele: 128.8m(422.56ft) |
| <b>Observe (63PPM/ 19PPF)</b>    | Wide: 11.0m(35.94ft) / Tele: 51.5m(169.02ft)  |
| <b>Recognize (125PPM/ 38PPF)</b> | Wide: 5.5m(17.97ft) / Tele: 25.8m(84.51ft)    |
| <b>Identify (250PPM/ 76PPF)</b>  | Wide: 2.7m(8.99ft) / Tele: 12.9m(42.26ft)     |

- 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.

QNV-6072R/6082R/6073R/6083R  
QNV-8080R  
UNIT : mm[inch]

