



Network

Dome

## QNV-6082R

2M H.265 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-301HMMW2



SBP-300WMW



SBV-136BW



SBP-137WMW1



SHD-1408FW



SBP-300WMW1



SBP-300LMW



SBP-300KMW



SBP-300PMW



SBP-300BW



SBP-300CMW



SBP-300NBW



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## Specifications

### 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) motorized 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             | Simple focus                                                                           |
| 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)                                                                                                                 |

### 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<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                                                                                                                   |

## General

|                  |                                                                                                                                                                                                               |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                                        |

## Environmental & Electrical

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| 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                             |

## Mechanical

|                             |                                            |
|-----------------------------|--------------------------------------------|
| Color / Material            | White / Aluminum                           |
| RAL Code                    | RAL9003                                    |
| Product Dimensions / Weight | Ø137.0x106.1mm(Ø5.39x4.18"), 710g(1.57 lb) |

## DORI (EN62676-4 standard)

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

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**CAD**

**Unit:** mm [inch]

