



Network

Dome

# QNV-6082R1

2MP Network IR Vandal Dome Camera



## Key Features

- Maximum 2megapixel (1920 x 1080) resolution
- 0.03lux (Color), 0Lux (B/W, IR LED on)
- 3.2 ~ 10mm (3.1x) varifocal lens
- Maximum 30fps@2MP 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
- No-audio model

## Compatible Accessories (Optional)



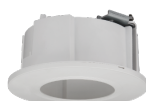
SBP-301HMW2



SBV-136BW



SBP-137WMW1



SHD-1408FW



SBP-300MMW



SBP-300MMW1



SBP-300CMW



SBP-300PMW



SBP-300KMW



SBP-300LMW



SBP-300NBW



SBP-300BW



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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) |
| Min. Object Distance      | 0.5m (1.64ft)  |
| 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, SDDR   |
| 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 |
| IR Viewable Length       | 30m(98.42ft)   |

### Network

|                   |                               |
|-------------------|-------------------------------|
| Ethernet          | RJ-45(10/100BASE-T)           |
| Video Compression | H.265/H.264: Main/High, MJPEG |

|  |  |
|--|--|
| <b>Smart Codec</b>                       | WiseStream II  |
| <b>Bitrate Control</b>                   | H.264/H.265: CBR or VBR<br>MJPEG: VBR  |
| <b>Streaming</b>                         | Unicast(6 users) / Multicast<br>Multiple streaming(Up to 3 profiles)   |
| <b>Protocol</b>                          | 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 |
| <b>Security</b>                          | HTTPS(SSL) Login Authentication<br>Digest Login Authentication<br>IP Address Filtering<br>User access log<br>802.1X Authentication(EAP-TLS, EAP-LEAP)                              |
| <b>Application Programming Interface</b> | ONVIF Profile S/G/T<br>SUNAPI(HTTP API)<br>Wisenet open platform   |

## General

|                         |  |
|-------------------------|--|
| <b>Webpage Language</b> | English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch |
| <b>Edge Storage</b>     | Micro SD/SDHC/SDXC 1slot 128GB   |
| <b>Memory</b>           | 512MB RAM, 256MB Flash   |

## Environmental & Electrical

|   |  |
|---|--|
| <b>Operating Temperature / Humidity</b> | -30°C ~ +55°C(-22°F ~ +131°F) / Less than 90% RH<br>* Start up should be done at above -20°C |
| <b>Storage Temperature / Humidity</b>   | -30°C ~ +60°C(-22°F ~ +140°F) / Less than 90% RH   |
| <b>Certification</b>                    | IP66, IK10   |
| <b>Input Voltage</b>                    | PoE(IEEE802.3af, Class3), 12VDC  |
| <b>Power Consumption</b>                | PoE: Max 7.70W, typical 6.00W<br>12VDC: Max 6.50W, typical 5.10W                             |

## Mechanical

|  |  |
|--|--|
| <b>Color / Material</b>                  | White / Aluminum                           |
| <b>RAL Code</b>                          | RAL9003                                    |
| <b>Product Dimensions / Weight</b>       | Ø137.0x106.1mm(Ø5.39x4.18"), 710g(1.57 lb) |
| <b>Compatible Conduit hole / Gangbox</b> | Single, Double, 4" Octagon                 |
| <b>Hanging Mount (Dome)</b>              | SBP-301HMW2                                |
| <b>Backbox</b>                           | SBV-136BW                                  |

## DORI (EN62676-4 standard)

|                                  |   |
|----------------------------------|---|
| <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)     |

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CAD

Unit: mm [inch]

