

2310111076

## QNV-6082R dome camera

2M H.265 NW IR Dome Camera



- ✓ 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



IP66



IK10

## Description

The QNV-6082R from Hanwha's Q Series is an affordable 2MP network dome camera featuring WiseStreamII, Hanwha's compression technology, triple codec H.265/H.264/MJPEG, 3.2 ~ 10.0mm motorized varifocal lens, IR, PoE/12VDC, 120dB WDR, Defocus Detection, Hallway View, one-way audio and SD card slot (SD/SDHC/SDXC up to 128GB).

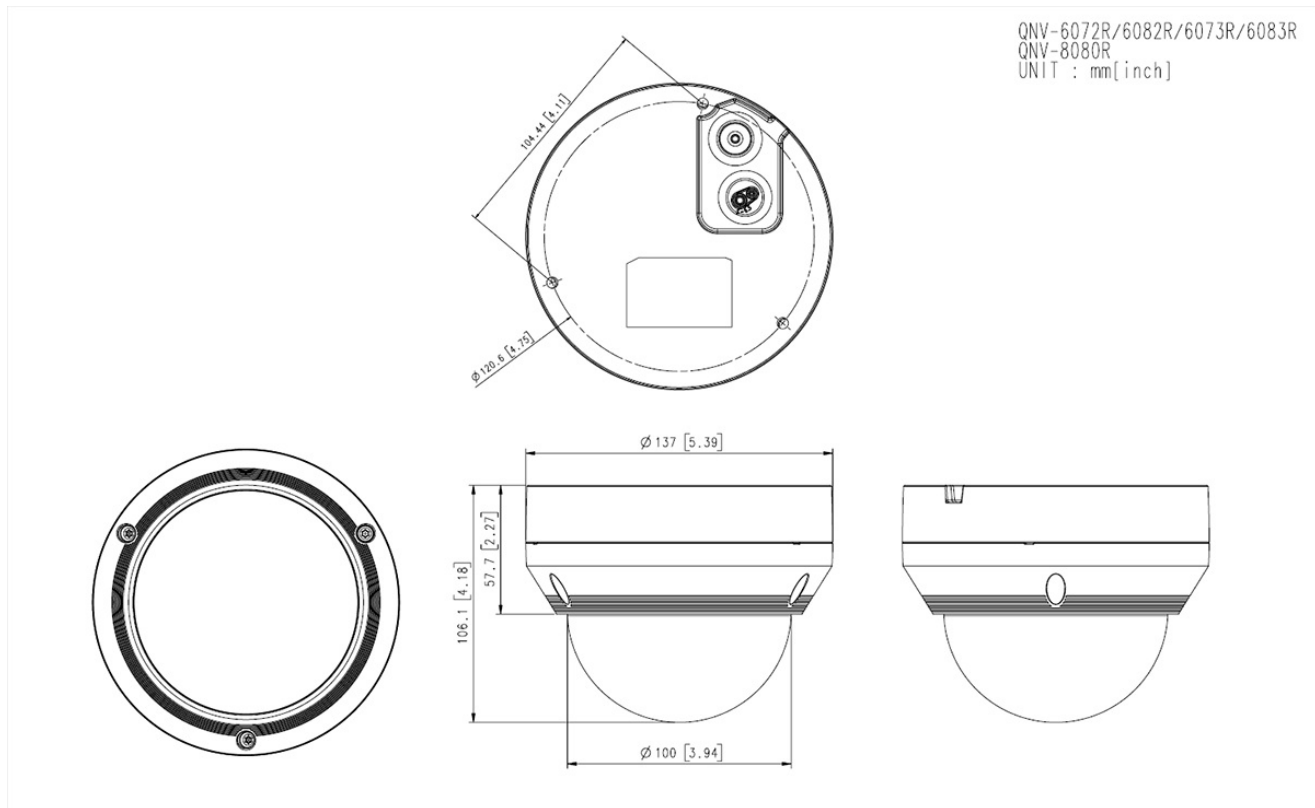
### Improved bandwidth efficiency with WiseStreamII support, H.265

WiseStream, the advanced compression technology can reduce bandwidth by 50% by using dynamic technologies. And when combined with H.265, the bandwidth efficiency can be improved up to 75% compared to the current H.264 technology.

### Minimize image distortion by Lens Distortion Correction

Lens Distortion is typically shown in video on the straight lines near to edges of a image making the straight lines look curved outward. With Lens Distortion Correction technology imperfections in images are easily removed.

## Technical Dimensions



# Specifications

## VIDEO

|                   |   |
|-------------------|---|
| Imaging Device    | 1/2.8" 2MP CMOS   |
| Resolution        | 1920x1080, 1280x960,<br>1280x720, 800x600,<br>800x448, 720x576,<br>720x480, 640x480,<br>640x360 |
| Max. Framerate    | H.265/H.264: Max.<br>30fps/25fps(60Hz/50Hz)<br>MJPEG: Max.<br>15fps/12fps(60Hz/50Hz)            |
| Min. Illumination | Color: 0.03Lux(F1.6,<br>1/30sec) BW: 0Lux(IR<br>LED on)   |
| Video Out         | CVBS: 1.0 Vp-p / 75Ω<br>composite, 720x480(N),<br>720x576(P) for<br>installation                |

## LENS

|                           |   |
|---------------------------|---|
| Focal Length (Zoom Ratio) | 3.2~10mm(3.1x)<br>motorized varifocal   |
| Max. Aperture Ratio       | F1.6(Wide) ~ F2.9(Tele)   |
| Angular Field of View     | H: 109.0°(Wide) ~<br>33.2°(Tele) / V:<br>57.4°(Wide) ~<br>18.7°(Tele) / D:<br>132.0°(Wide) ~<br>38.0°(Tele) |
| Focus Control             | Simple focus  |
| Lens Type                 | DC auto iris  |
| Pan / Tilt / Rotate Range | 0° ~ 350° / 0° ~ 67° / 0°<br>~ 355°   |

## OPERATIONAL

|                                     |  |
|-------------------------------------|--|
| IR Viewable Length                  | 30m (98.42ft)  |
| Camera Title                        | Displayed up to 85 characters  |
|                                     | W/W : English /<br>Numeric / Special<br>characters   |
|                                     | Common : Multi-line<br>(Max. 5), Color (Grey /<br>Green / Red / Blue /<br>Black / White),<br>Transparency, Auto<br>scale by resolution |
| Day & Night                         | Auto (ICR)   |
| Backlight<br>Compensation           | BLC, WDR, SSDR   |
| Wide Dynamic Range                  | 120dB  |
| Digital Noise Reduction             | SSNR   |
| Motion Detection                    | Off / On (4ea polygonal<br>zones)  |
| Privacy Masking                     | Off / On (6ea<br>rectangular zones)  |
| Gain Control                        | Low / Middle / High  |
| White Balance                       | ATW / AWC / Manual /<br>Indoor / Outdoor   |
| LDC (Lens distortion<br>correction) | Support  |
| Electronic Shutter<br>Speed         | Minimum / Maximum /<br>Anti flicker  |
| Flip / Mirror                       | Flip / Mirror / Hallway<br>view  |
| Intelligent Video<br>Analytics      | Defocus detection,<br>Directional detection,<br>Motion detection,<br>Enter/Exit, Tampering,<br>Virtual line                            |
| Alarm I/O                           | Input 1 / Output 1   |
| Alarm Triggers                      | Analytics, Network<br>disconnect, Alarm input  |
|                                     | File upload via FTP and  |

|              |   |
|--------------|---|
| Alarm Events | e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers Alarm output |
|--------------|---|

## NETWORK

|                          |   |
|--------------------------|---|
| Ethernet                 | RJ-45 (10/100BASE-T)  |
| Video Compression Format | H.265/H.264: Main/High, MJPEG   |
| Resolution               | 1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360               |
| Max. Framerate           | H.265/H.264: Max. 30fps/25fps (60Hz/50Hz) MJPEG: Max. 15fps/12fps (60Hz/50Hz)                     |
| Smart Codec              | WiseStream II support   |
| Video Out                | CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation                           |
| Bitrate Control Method   | H.264/H.265: CBR or VBR MJPEG: VBR  |
| Streaming Capability     | Unicast (6 users) / Multicast Multiple streaming (Up to 3 profiles)                               |
| Audio In                 | Selectable (Built-in microphone), Supported voltage: 2.5VDC (4mA), Input impedance: 2K Ohm        |
| Audio Compression Format | G.711 u-law /G.726 Selectable G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps |

|                                      |   |
|--------------------------------------|---|
| Audio Communication                  | Uni-directional audio   |
| IP                                   | IPv4, IPv6  |
| Protocol                             | TCP/IP, UDP/IP,<br>RTP(UDP), RTP(TCP),<br>RTCP, RTSP, NTP,<br>HTTP, HTTPS,<br>SSL/TLS, DHCP, FTP,<br>SMTP, ICMP, IGMP,<br>SNMPv1/v2c/v3(MIB-2),<br>ARP, DNS, DDNS,<br>QoS, UPnP, Bonjour,<br>LLDP |
| Security                             | HTTPS(SSL) Login<br>Authentication Digest<br>Login Authentication IP<br>Address Filtering User<br>access log 802.1X<br>Authentication(EAP-<br>TLS, EAP-LEAP)                                      |
| Streaming Method                     | Unicast / Multicast   |
| Max. User Access                     | 6 users at unicast mode   |
| Storage                              | micro SD/SDHC/SDXC<br>(Max. 128GB), NAS   |
|                                      | - Motion images<br>recorded in the SD<br>memory card can be<br>downloaded   |
|                                      | - Manual recording at<br>local PC   |
| Application<br>Programming Interface | ONVIF Profile S/G/T<br>SUNAPI(HTTP API)<br>Wisenet open platform  |
| Webpage Language                     | English, Korean,<br>Chinese, French,<br>Italian, Spanish,<br>German, Japanese,<br>Russian, Swedish,<br>Portuguese, Czech,<br>Polish, Turkish, Dutch,<br>Hungary, Greek                            |
|                                      | Supported OS:<br>Windows 7, 8.1, 10,<br>Mac OSx10.12, 10.13,<br>10.14 Recommended   |

Web Viewer

Browser: Google  
Chrome Supported  
Browser: MS Explore11,  
MS Edge, Mozilla  
Firefox(Window 64bit  
only), Apple Safari(Mac  
OSxonly)

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## ENVIRONMENTAL

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Operating Temperature  
/ Humidity: -30°C ~  
+55°C(-22°F ~ +131°F)  
/ Less than 90% RH \*  
Start up should be done  
at above -20°C

Storage Temperature /  
Humidity: -30°C ~  
+60°C(-22°F ~ +140°F)  
/ Less than 90% RH

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## ELECTRICAL

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Input Voltage / Current:  
PoE (IEEE802.3af,  
Class3), 12VDC

Power Consumption:  
PoE: Max 7.70W,  
typical 6.00W, 12VDC:  
Max 6.50W, typical  
5.10W

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## MECHANICAL

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Color / Material: White  
RAL9003 / Aluminum

Dimensions (WxH):  
Ø137.0x106.1mm(Ø5.3  
9x4.18")

Weight: 710g(1.57 lb)

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## Accessories



## **SBV-136BW Back Box**

**White**

Back Box