



Network

Купольные

# QND-8080R

5M H.265 IR Dome Camera



## Key Features

- Max. 5Megapixel (2592 x 1944) resolution
- 3.2~10mm(3.1x) motorized varifocal lens
- 0.15Lux (Color), 0Lux (B/W, IR LED on)
- H.265, H.264, MJPEG codec support, Multiple streaming
- Day&Night (ICR), WDR (120dB)
- Tampering, Motion detection, Defocus detection
- Micro SD / SDHC / SDXC memory slot (Max. 128GB)
- Hallway view, WiseStream II support
- IR Viewable length 20m (65.62ft)

## Compatible Accessories (Optional)



SHD-1198FW



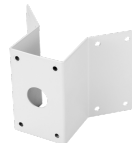
SBP-120WMW



SBP-300LMW



SBP-300WMW1



SBP-300KMW



SBP-300BW



SBP-122HWMW



SBP-300PMW



SPB-INW73



SBP-300WMW



SBP-300NBW



SBP-300CMW

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5M H.265 IR Dome Camera



## Specifications

|                           |                                                                                                                                                                                                                                          |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video                     |                                                                                                                                                                                                                                          |
| Imaging Device            | 1/2.8" CMOS                                                                                                                                                                                                                              |
| Resolution                | 5MP mode : 2592x1944, 1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240<br>4MP mode : 2560x1440, 1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 |
| Max. Framerate            | H.265/H.264: Max. 30fps/25fps(60Hz/50Hz)<br>MJPEG: Max. 15fps (@5MP Max. 2fps)                                                                                                                                                           |
| Min. Illumination         | Color: 0.15Lux(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: 101°(Wide)~31°(Tele)<br>V: 73°(Wide)~23°(Tele)<br>D: 134°(Wide)~38°(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                 | Motion detection, Tampering, Defocus detection , Virtual area(Intrusion/Enter/Exit), Virtual line(Crossing/Direction)                                                                                                                    |
| 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<br>Handover(PTZ preset, Send message by HTTP/HTTPS/TCP) |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                    |              |
|--------------------|--------------|
| IR Viewable Length | 20m(65.62ft) |
|--------------------|--------------|

#### Network

|                                   |                                                                                                                                                                                    |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ethernet                          | RJ-45(10/100BASE-T)                                                                                                                                                                |
| Video Compression                 | H.265/H.264: Main/High, MJPEG                                                                                                                                                      |
| 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, Portuguese, Czech, Polish, Turkish, Dutch |
| Edge Storage     | Micro SD/SDHC/SDXC 1slot 128GB                                                                                           |
| Memory           | 512MB RAM, 256MB Flash                                                                                                   |

#### Environmental & Electrical

|                                  |                                        |
|----------------------------------|----------------------------------------|
| Operating Temperature / Humidity | -10°C~+55°C(+14°F ~ +131°F) / 0~90% RH |
| Storage Temperature / Humidity   | -30°C~+60°C(-22°F ~ +140°F) / 0~90% RH |
| Input Voltage                    | PoE(IEEE802.3af, Class3)               |
| Power Consumption                | PoE: Max 8.90W, typical 6.60W          |

#### Mechanical

|                             |                                            |
|-----------------------------|--------------------------------------------|
| Color / Material            | White / Plastic, Aluminum                  |
| RAL Code                    | RAL9003                                    |
| Product Dimensions / Weight | ø120.3x102.0mm(ø4.74x4.02"), 430g(0.95 lb) |
| Hanging Mount (Dome)        | SBP-122HMM                                 |

#### DORI (EN62676-4 standard)

|                           |                                                |
|---------------------------|------------------------------------------------|
| Detect (25PPM/ 8PPF)      | Wide: 43.3m(141.94ft) / Tele: 185.7m(609.09ft) |
| Observe (63PPM/ 19PPF)    | Wide: 17.3m(56.78ft) / Tele: 74.3m(243.64ft)   |
| Recognize (125PPM/ 38PPF) | Wide: 8.7m(28.39ft) / Tele: 37.1m(121.82ft)    |
| Identify (250PPM/ 76PPF)  | Wide: 4.3m(14.19ft) / Tele: 18.6m(60.91ft)     |

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CAD

Unit:mm [inch]

QND-8080R  
UNIT : mm[inch]

