



Network

Dome

# 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)
- Max. 30fps@5MP (H.265 / H.264)
- H.265, H.264, MJPEG codec support, Multiple streaming
- Day & Night, WDR (120dB)
- Tampering, Motion detection, Defocus detection
- Micro SD / SDHC / SDXC memory slot (Max. 128GB)
- Hallway view, WiseStream II support
- IR Viewable length 20m, PoE

## Compatible Accessories (Optional)



SBP-122HMW



SBP-120WMW



SBP-300WMW



SBP-300WMW1



SBP-300LMW



SBP-300KMW



SBP-300PMW



SBP-300BW



SBP-300CMW



SBP-300NBW

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## Specifications

### Video

<b>Imaging Device</b>	1/2.8" 5MP CMOS
<b>Resolution</b>	5MP mode : 2592x1944, 1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 4MP mode : 2560x1440, 1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
<b>Max. Framerate</b>	H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 15fps/12fps(60Hz/50Hz)
<b>Min. Illumination</b>	Color: 0.15Lux(F1.6, 1/30sec) BW: 0Lux(IR LED on)
<b>Video Out</b>	CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation

### Lens

<b>Focal Length (Zoom Ratio)</b>	3.2~10mm(3.1x) motorized varifocal
<b>Max. Aperture Ratio</b>	F1.6(Wide)~F2.9(Tele)
<b>Angular Field of View</b>	H: 100.3°(Wide)~31.2°(Tele) / V: 72.3°(Wide)~23.5°(Tele) / D: 133.1°(Wide)~38.8°(Tele)
<b>Focus Control</b>	Simple focus
<b>Lens Type</b>	DC auto iris

### Pan / Tilt / Rotate

<b>Pan / Tilt / Rotate Range</b>	0°~350° / 0°~67° / 0°~355°
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### Operational

<b>Camera Title</b>	Displayed up to 85 characters
<b>Day &amp; Night</b>	Auto(ICR)
<b>Backlight Compensation</b>	BLC, WDR, SSSDR
<b>Wide Dynamic Range</b>	120dB
<b>Digital Noise Reduction</b>	SSNR
<b>Motion Detection</b>	4ea, polygonal zones
<b>Privacy Masking</b>	6ea, rectangular zones
<b>Gain Control</b>	Low / Middle / High
<b>White Balance</b>	ATW / AWC / Manual / Indoor / Outdoor
<b>LDC</b>	Support
<b>Electronic Shutter Speed</b>	Minimum / Maximum / Anti flicker (1/5~1/12,000sec)
<b>Video Rotation</b>	Flip, Mirror, Hallway view(90°/270°)
<b>Analytics</b>	Defocus detection, Directional detection, Motion detection, Enter/Exit, Tampering, Virtual line
<b>Alarm I/O</b>	Input 1ea / Output 1ea
<b>Alarm Triggers</b>	Analytics, Network disconnect, Alarm input
<b>Alarm Events</b>	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers Alarm output
<b>IR Viewable Length</b>	20m(65.62ft)

### Network

<b>Ethernet</b>	RJ-45(10/100BASE-T)
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<b>Video Compression</b>	H.265/H.264: Main/High, MJPEG
<b>Smart Codec</b>	WiseStream II
<b>Bitrate Control</b>	H.264/H.265: CBR or VBR MJPEG: VBR
<b>Streaming</b>	Unicast(6 users) / Multicast 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 Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP)
<b>Application Programming Interface</b>	ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform

## General

<b>Webpage Language</b>	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, 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>	-10°C ~ +50°C(+14°F ~ +122°F) / Less than 90% RH
<b>Storage Temperature / Humidity</b>	-30°C ~ +60°C(-22°F ~ +140°F) / Less than 90% RH
<b>Input Voltage</b>	PoE(IEEE802.3af, Class3)
<b>Power Consumption</b>	PoE: Max 8.90W, typical 6.60W

## Mechanical

<b>Color / Material</b>	White / Plastic, Aluminum
<b>RAL Code</b>	RAL9003
<b>Product Dimensions / Weight</b>	Ø120.3x102.0mm(Ø4.74x4.02"), 430g(0.95 lb)
<b>Hanging Mount (Dome)</b>	SBP-122HMW

## DORI (EN62676-4 standard)

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

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CAD

Unit: mm [inch]

QND-8080R  
UNIT : mm[inch]

