



Network

Dome

# QND-8021

5M H.265 Dome Camera(Q mini)



## Key Features

- Max. 5Megapixel (2592 x 1944) resolution
- 4mm fixed lens
- 0.15Lux (Color), WDR (120dB)
- Max. 30fps@5MP (H.265 / H.264)
- H.265, H.264, MJPEG codec support, Multiple streaming
- Tampering, Motion detection, Defocus detection
- Micro SD / SDHC / SDXC memory slot (Max. 128GB)
- Hallway view, WiseStream II support
- LDC, PoE

## Compatible Accessories (Optional)



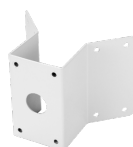
SBP-300WMW



SPG-IND16B



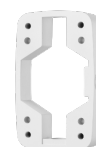
SBP-300WMW1



SBP-300KMW



SBP-300PMW



SBP-300BW



SBP-300CMW



SBP-300LMW



SBP-300NBW

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## Specifications

### Video

|                   |  |
|-------------------|--|
| Imaging Device    | 1/2.8" 5MP 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/12fps(60Hz/50Hz)   |
| Min. Illumination | Color: 0.15Lux(F1.6, 1/30sec)  |
| Video Out         | HDMI: 1080p@30/25fps(60/50Hz)  |

### Lens

|                           |                             |
|---------------------------|-----------------------------|
| Focal Length (Zoom Ratio) | 4.0mm fixed focal           |
| Max. Aperture Ratio       | F1.6                        |
| Angular Field of View     | H: 80.1°/V: 58.0°/D: 105.8° |
| Focus Control             | Fixed                       |

### Pan / Tilt / Rotate

|                           |                            |
|---------------------------|----------------------------|
| Pan / Tilt / Rotate Range | 0°~350° / 0°~69° / 0°~355° |
|---------------------------|----------------------------|

### Operational

|                          |  |
|--------------------------|--|
| Camera Title             | Displayed up to 85 characters  |
| Day & Night              | Auto(Electrical)   |
| Backlight Compensation   | BLC, WDR, SSSR   |
| 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, Motion detection, Tampering   |
| Business Intelligence    | People counting  |
| Alarm Triggers           | Analytics, Network disconnect  |
| Alarm Events             | File upload via FTP and e-mail<br>Notification via e-mail<br>SD/SDHC/SDXC or NAS recording at event triggers |

### 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 |

|  |  |
|--|--|
| <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, 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 ~ +40°C(-14°F ~ +104°F) / Less than 90% RH |
| <b>Storage Temperature / Humidity</b>   | -30°C ~ +60°C(-22°F ~ +140°F) / Less than 90% RH |
| <b>Certification</b>                    | IP42, IK08                                       |
| <b>Input Voltage</b>                    | PoE(IEEE802.3af, Class2)                         |
| <b>Power Consumption</b>                | PoE: Max 5.00W, typical 4.00W                    |

## Mechanical

|                                    |  |
|------------------------------------|--|
| <b>Color / Material</b>            | White / Plastic                        |
| <b>RAL Code</b>                    | RAL9003                                |
| <b>Product Dimensions / Weight</b> | Ø99.0x56.0mm(Ø3.9x2.2"), 165g(0.36 lb) |
| <b>Hanging Mount (Dome)</b>        | SBP-099HMW                             |

## DORI (EN62676-4 standard)

|                                  |                 |
|----------------------------------|-----------------|
| <b>Detect (25PPM/ 8PPF)</b>      | 61.7m(202.31ft) |
| <b>Observe (63PPM/ 19PPF)</b>    | 24.7m(80.92ft)  |
| <b>Recognize (125PPM/ 38PPF)</b> | 12.3m(40.46ft)  |
| <b>Identify (250PPM/ 76PPF)</b>  | 6.2m(20.23ft)   |

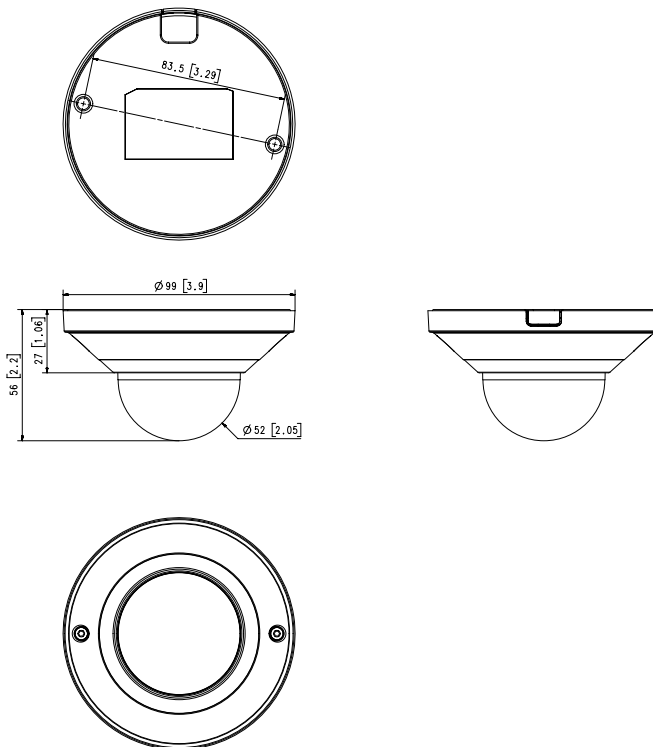
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CAD

Unit: mm [inch]



milimeter (inch)