



Network

Dome

# QND-6012R

2M H.265 IR Dome Camera



## Key Features

- Max. 2megapixel (1920 x 1080) resolution
- 0.03Lux (Color), 0Lux (B/W, IR LED on)
- 2.8mm fixed 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 20m, PoE

## Compatible Accessories (Optional)



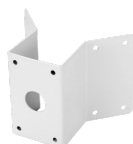
SBP-120WMW



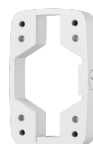
SBP-300LMW



SBP-300WMW1



SBP-300KMW



SBP-300BW



SPG-IND12B



SBP-300PMW



SBP-300WMW



SBP-300NBW



SBP-300CMW



SBP-300HWMW7

# QND-6012R

2M H.265 IR Dome Camera



## Specifications

|                           |                                                                                                                          |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Video                     |                                                                                                                          |
| Imaging Device            | 1/2.8" CMOS                                                                                                              |
| Resolution                | 1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360                                      |
| Max. Framerate            | H.265/H.264: Max. 30fps/25fps(60Hz/50Hz)\nMJPEG: Max. 15fps (@2MP Max. 4fps)                                             |
| Min. Illumination         | Color: 0.03Lux(F2.0, 1/30sec)\nBW: 0Lux(IR LED on)                                                                       |
| Video Out                 | CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation                                                  |
| Lens                      |                                                                                                                          |
| Focal Length (Zoom Ratio) | 2.8mm fixed focal                                                                                                        |
| Max. Aperture Ratio       | F2.0                                                                                                                     |
| Angular Field of View     | H: 113.7° / V: 61.5° / D: 134.5°                                                                                         |
| Min. Object Distance      | 0.5m (1.64ft)                                                                                                            |
| Focus Control             | Fixed                                                                                                                    |
| 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, SSDR                                                                                                           |
| 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 \nNotification via e-mail \nSD/SDHC/SDXC or NAS recording at event triggers\nAlarm output |
| Audio In                  | Built-in mic                                                                                                             |
| IR Viewable Length        | 20m(65.62ft)                                                                                                             |
| Network                   |                                                                                                                          |

|                                   |                                                                                                                                                                                    |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ethernet                          | RJ-45(10/100BASE-T)                                                                                                                                                                |
| Video Compression                 | H.265/H.264: Main/High, MJPEG                                                                                                                                                      |
| Audio Compression                 | G.711 u-law /G.726 Selectable\nG.726(ADPCM) 8KHz, G.711 8KHz\nG.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps                                                                                |
| Smart Codec                       | WiseStream II                                                                                                                                                                      |
| Bitrate Control                   | H.264/H.265: CBR or VBR\nMJPEG: VBR                                                                                                                                                |
| Streaming                         | Unicast(6 users) / Multicast\nMultiple 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\nDigest Login Authentication\nIP Address Filtering\nUser access log\n802.1X Authentication(EAP-TLS, EAP-LEAP)                                      |
| Application Programming Interface | ONVIF Profile S/G/T\nSUNAPI(HTTP API)\nWisenet open platform                                                                                                                       |

#### General

|                  |                                                                                                                                   |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Webpage Language | English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, 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), 12VDC                                 |
| Power Consumption                | PoE: Max 7.40W, typical 6.00W \n12VDC: Max 6.40W, typical 5.10W |

#### Mechanical

|                             |                                           |
|-----------------------------|-------------------------------------------|
| Color / Material            | White / Plastic                           |
| RAL Code                    | RAL9003                                   |
| Product Dimensions / Weight | Ø110.0x86.0mm(Ø4.33x3.39"), 255g(0.56 lb) |

#### DORI (EN62676-4 standard)

|                           |                |
|---------------------------|----------------|
| Detect (25PPM/ 8PPF)      | 25.1m(82.21ft) |
| Observe (63PPM/ 19PPF)    | 10.0m(32.89ft) |
| Recognize (125PPM/ 38PPF) | 5.0m(16.44ft)  |
| Identify (250PPM/ 76PPF)  | 2.5m(8.22ft)   |

# QND-6012R

2M H.265 IR Dome Camera



**CAD**

Unit:mm [inch]

QND-6012R/6022R/6032R  
UNIT : mm[inch]

