



Network

Купольные

# QND-6022R

2МП H.265 сетевая купольная камера с ИК-подсветкой



## Key Features

- Макс. разрешение 2 Мп (1920 x 1080)
- 0,03 лк (цветн.), 0 лк (Ч/Б, ИК светодиод вкл.)
- Объектив 4 мм с постоянным фокусом
- До 30 кад/с при 2 Мп при любом разрешении (H.265/H.264)
- Поддержка кодеков H.265, H.264, MJPEG, многоканальная передача видео
- Обнаружение движения, внешнего воздействия, расфокусировки
- Поддержка функции обзора коридоров (90°/270°) и функции коррекции искажения объектива (LDC)
- Слот для карт памяти microSD/SDHC/SDXC (макс. 128 Гб)
- Дальность видимости с ИК-подсветкой 20 м, технология PoE

## Compatible Accessories (Optional)



SBP-120WMW



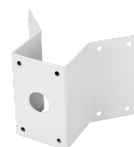
SBP-300LMW



SPB-INW12



SBP-300WMW1



SBP-300KMW



SBP-300BW



SPG-IND12B



SBP-300PMW



SBP-300WMW



SBP-300NBW



SBP-300CMW



SBP-300HMMW7

# QND-6022R

2МП H.265 сетевая купольная камера  
с ИК-подсветкой



## 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)<br>MJPEG: Max. 15fps (@2MP Max. 4fps)                                                                       |
| Min. Illumination         | Color: 0.03Lux(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) | 4.0mm fixed focal                                                                                                                                    |
| Max. Aperture Ratio       | F1.6                                                                                                                                                 |
| Angular Field of View     | H: 88° / V: 47° / D: 105°                                                                                                                            |
| 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<br>Notification via e-mail<br>SD/SDHC/SDXC or NAS recording at event triggers<br>Alarm output<br>Handover(PTZ preset) |

Design and specifications are subject to change without notice. The latest product information / specification can be found at [HanwhaVision.com](http://HanwhaVision.com)  
Hanwha Vision is formerly known as Hanwha Techwin.

|                       |                |
|-----------------------|----------------|
| Audio In              | Built-in mic   |
| Light Type            | IR LED (850nm) |
| Light 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<br>G.726(ADPCM) 8KHz, G.711 8KHz<br>G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps                                                                            |
| 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 |
| Application Programming Interface | ONVIF Profile S/G/T<br>SUNAPI(HTTP API)<br>Wisenet open platform                                                                                                                   |

#### Security

|                        |                                                                   |
|------------------------|-------------------------------------------------------------------|
| OS / Firmware Protect  | Firmware encryption                                               |
| User authentication    | Digest Authentication, Prevent brute-force attack                 |
| Network authentication | 802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2)       |
| Secure Communication   | HTTPS, SRTP, WSS(Websocket secure)                                |
| Access Control         | Access control based on IP address                                |
| Data Protect           | Authentication information encryption, ZIP compression encryption |
| Audit                  | User Access/System/Event log management                           |
| Device ID              | Device Certificate(Hanwha Private Root CA)                        |
| Secure Storage         | SDcard partition encrypt                                          |

#### 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<br>12VDC: 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) | 40.0m(131.36ft) |
|----------------------|-----------------|

Design and specifications are subject to change without notice. The latest product information / specification can be found at [HanwhaVision.com](http://HanwhaVision.com)

Hanwha Vision is formerly known as Hanwha Techwin.

|                           |                |
|---------------------------|----------------|
| Observe (63PPM/ 19PPF)    | 16.0m(52.54ft) |
| Recognize (125PPM/ 38PPF) | 8.0m(26.27ft)  |
| Identify (250PPM/ 76PPF)  | 4.0m(13.14ft)  |

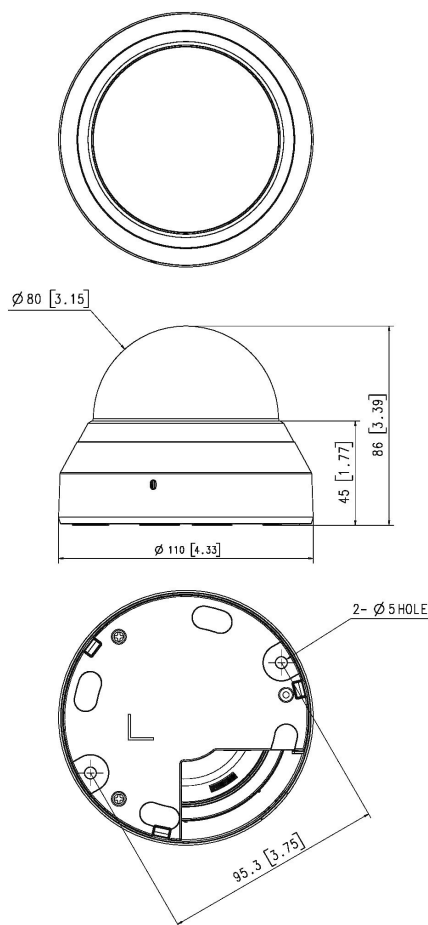
# QND-6022R

2МП H.265 сетевая купольная камера  
с ИК-подсветкой



## CAD

Unit:mm [inch]



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