

QND-7022R

4MP IR Dome Camera

Network



FC | CE | EAC

Key Features

- Maximum 4MP resolution
- Color : 0.15Lux (F1.6, 1/30sec) B/W : 0Lux (IR LED On)
- 4mm fixed focal
- Maximum 30fps@4MP 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 (128GB)
- IR viewable length 20m (65.62ft), PoE

| Video | |
|---------------------------|---|
| Imaging Device | 1/3" CMOS |
| Resolution | 2560 x 1440, 1920 x 1080, 1280 x 960, 1280 x 720, 800 x 600, 800 x 448, 720 x 576, 720 x 480, 640 x 480, 640 x 360, 320 x 240 |
| Max. Framerate | H.265/H.264 : Max. 30fps at 4M all resolutions, MJPEG : Max. 15fps |
| Min. Illumination | Color : 0.15Lux (F1.6, 1/30sec) B/W : 0Lux (IR LED On) |
| Video Out | CVBS : 1.0 Vpp/75Ω composite, 720x480(N), 720x576(P) for installation |
| Lens | |
| Focal Length (Zoom Ratio) | 4mm fixed focal |
| Max. Aperture Ratio | F1.6 |
| Angular Field of View | H : 78.2, V : 41.2, D : 92.0 |
| 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, 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 | Defocus detection, Directional detection, Motion detection, Enter/Exit, Tampering, Virtual line |
| Alarm I/O | Input 1ea / Output 1ea |
| Alarm Triggers | Analytics, Network disconnect, Alarm input |
| Alarm Events | File upload via FTP and e-mail, Notification via e-mail, SD/SDHC/SDXC or NAS recording at event triggers, Alarm output, Handover |
| Audio In | Built-in MIC |
| IR Viewable Length | 20m (65.62ft) |
| Network | |
| Ethernet | RJ-45 (10/100BASE-T) |

| | |
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| Video Compression | H.265/H.264 : Main/High, MJPEG |
| Audio Compression | G.711 u-law / G.726 Selectable G.726(ADPCM) 8KHz, G.711 8KHz, G.726 16Kbps, 24Kbps, 32Kbps, 40Kbps |
| Smart Codec | Manual (5ea area), WiseStream II |
| Bitrate Control | H.264/H.265 : CBR or VBR MJPEG : VBR |
| Streaming | Unicast (6 users) / Multicast 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, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, LLDP |
| Security | HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access Log 802.1X Authentication |
| Application Programming Interface | ONVIF Profile S/G/T, SUNAPI (HTTP API) |
| General | |
| Webpage Language | English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek |
| Edge Storage | Micro SD/SDHC/SDXC 1slot 128GB |
| Memory | 512MB RAM, 256MB Flash |
| Environmental & Electrical | |
| Operating Temperature / Humidity | -10C~+55C (+14F~+131F) / Less than 95% RH |
| Storage Temperature / Humidity | -30C~+60C (-22F~+140F) / Less than 95% RH |
| Input Voltage | PoE(IEEE802.3af, Class3), 12VDC |
| Power Consumption | PoE: Max 7.9W, typical 6.1W 12VDC: Max 7.1W, typical 5.1W |
| Mechanical | |
| Color / Material | White / Plastic |
| RAL Code | RAL9003 |
| Product Dimensions / Weight | Ø110.0 x 86.0mm (Ø4.33 x 3.39"), 255g (0.562 lb) |
| Compatible Conduit hole / Gangbox | - Included : Double - SBD-110GP : Single, Double, 4"Octagon |
| DORI (EN62676-4 standard) | |
| Detect (25PPM/ 8PPF) | 63.0m(206.70ft) |
| Observe (63PPM/ 19PPF) | 25.2m(82.68ft) |
| Recognize (125PPM/ 38PPF) | 12.6m(41.34ft) |
| Identify (250PPM/ 76PPF) | 6.3m(20.67ft) |

- The latest product information / specification can be found at hanwha-security.com
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of Hanwha Techwin, formerly known as Samsung Techwin.

