

QND-7020R

4МП H.265 сетевая купольная камера с ИК-подсветкой



Key Features

- Макс. разрешение 4 Мп
- Встроенный 3,6 мм объектив с постоянным фокусом
- До 20 кад/с при 4 Мп, до 30 кад/с при значении менее 2 Мп (H.265/H.264)
- Поддержка кодеков H.265, H.264, MJPEG, многоканальная передача видео
- Обнаружение движения, внешнего воздействия, расфокусировки
- Слот для карты памяти microSD (128 гб), технология PoE/12 В пост. тока
- Дальность видимости с ИК подсветкой 20 м, IK08
- Функция обзора коридоров, поддержка WiseStream
- Поддержка функции коррекции искажения объектива (LDC)

Compatible Accessories (Optional)



SBP-300CM



SBP-300WM



SBP-390WM2



SBP-300LM



SBP-120WM



SBP-300KM



SBP-300HM7



SBP-300WM1



SPB-IND12



SPG-IND12B



SBP-300PM



SBP-300B

| Video | |
|----------------------------|--|
| Imaging Device | 1/3" 4MP CMOS |
| Resolution | 2592x1520, 2560x1440, 2304x1296, 1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 |
| Max. Framerate | H.265/H.264: Max. 20fps@4MP, Max. 30fps/25fps(60Hz/50Hz) 2MP, all resolution, MJPEG: Max 15fps/12fps(60Hz/50Hz) |
| Min. Illumination | Color: 0.4Lux(F2.2, 1/30sec) BW: 0Lux(IR LED on) |
| Lens | |
| Focal Length (Zoom Ratio) | 3.6mm fixed focal |
| Max. Aperture Ratio | F2.2 |
| Angular Field of View | H: 81.0° / V: 45.0° / D: 95.0° |
| Focus Control | Fixed |
| Pan / Tilt / Rotate | |
| Pan / Tilt / Rotate Range | 0~350 / 0~67 / 0~355 |
| Operational | |
| Camera Title | Displayed up to 20 characters per line(Max.5 lines) |
| 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 |
| Video Rotation | Flip, Mirror, Hallway view(90/270) |
| Analytics | Defocus detection, Motion detection, Tampering |
| 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 |
| Audio In | Built-in mic |
| IR Viewable Length | 20m(65.62ft) |
| Network | |
| Ethernet | RJ-45(10/100BASE-T) |
| Video Compression | H.265/H.264, 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 | WiseStream I |
| 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, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour |
| Security | HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP) |
| Application Programming Interface | ONVIF Profile S/G SUNAPI(HTTP API) |

General

| | |
|---------------------|---|
| Web Viewer | Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Recommended Browser: Google Chrome Supported Browser: MS Explorer11, MS Edge, Mozilla Firefox(Windows 64bit only), Apple Safari(Mac OS X only) |
| Edge Storage | Micro SD/SDHC/SDXC 1slot 128GB |
| Memory | 512MB RAM, 256MB Flash |

Environmental & Electrical

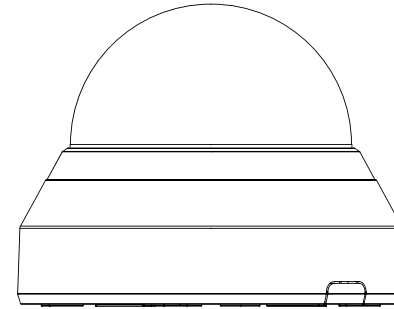
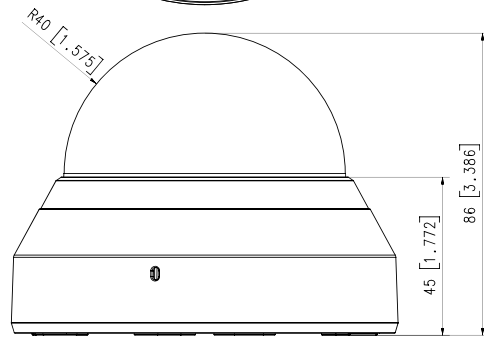
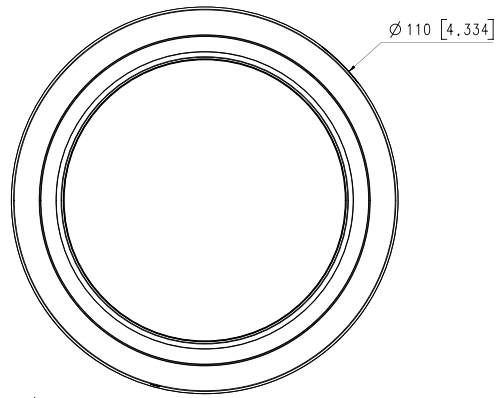
| | |
|---|--|
| Operating Temperature / Humidity | -10°C ~ +55°C(14°F ~ +131°F) / Less than 90% RH |
| Storage Temperature / Humidity | -30°C ~ +60°C(-22°F ~ +140°F) / Less than 90% RH |
| Certification | IK08 |
| Input Voltage | PoE(IEEE802.3af, Class3), 12VDC |
| Power Consumption | PoE: Max 6.50W 12VDC: Max 5.43W |

Mechanical

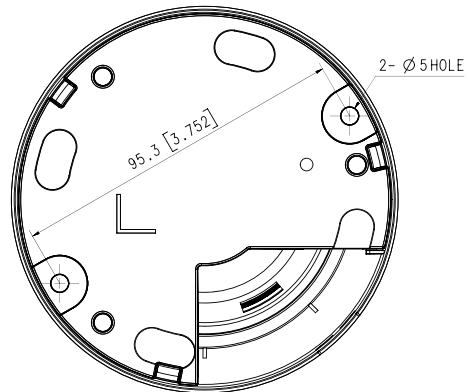
| | |
|------------------------------------|---|
| Color / Material | Ivory / Plastic |
| Product Dimensions / Weight | Ø110.0x86.0mm(Ø4.33x3.39"), 290g(0.64 lb) |

- 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.

| NO | PART NAME | CODE NO. | MATERIAL | Q'TY | REMARK |
|----|-----------------------|----------|----------|------|--------|
| 1 | FINAL ASSY QND SERIES | 015756 | MATERIAL | 1 | REMARK |



Unit:mm(inch)



CHANGE

| UNIT | mm | DESIGN | CHECK | APPROVAL | PART NAME | FINAL ASSY QND SERIES |
|-------|-------|-----------------|-------|----------|------------|-----------------------|
| SCALE | 1 / 1 | 박문희 | | | MODEL NAME | QND SERIES |
| | | 14.10.30 | | | CODE NO. | - |
| | | SAMSUNG TECHWIN | | | | |