

PND-9080R

4K H.265 NW IR Dome Camera



Key Features

- Max. 12M (4000 x 3000) resolution
- Max. 20fps@12M, Max.30fps@8M
- 0.3Lux@F1.6 (Color), 0Lux (B/W : IR LED on)
- 4.5 ~ 10mm (2.2x) motorized varifocal lens
- H.265, H.264, MJPEG support
- Day & Night (ICR), WDR (120dB), Simple focus, P-Iris
- Motion detection, Defocus detection, Tampering
- SD/SDHC/SDXC memoty slot (Max, 128GB), NAS, Local PC support

Accessories (Optional)



SBP-300HM8



SHD-3000F4



SPB-IND81



SBP-300WM1



SBP-300WM



SBP-300B



SBP-300KM



SBP-300LM



SBP-300NB



SBP-300CM

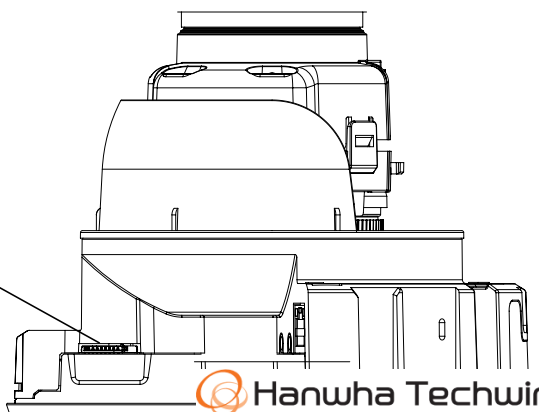
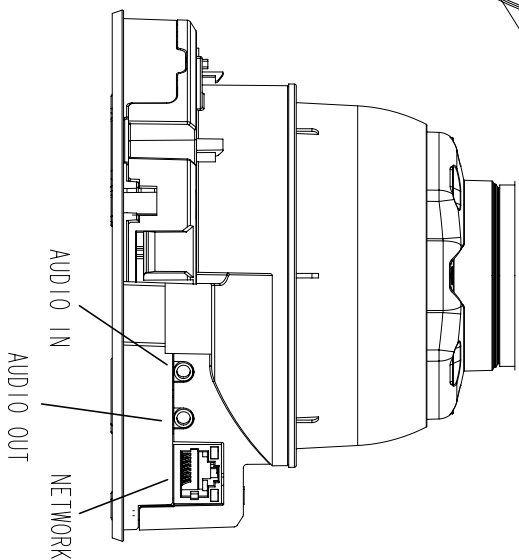
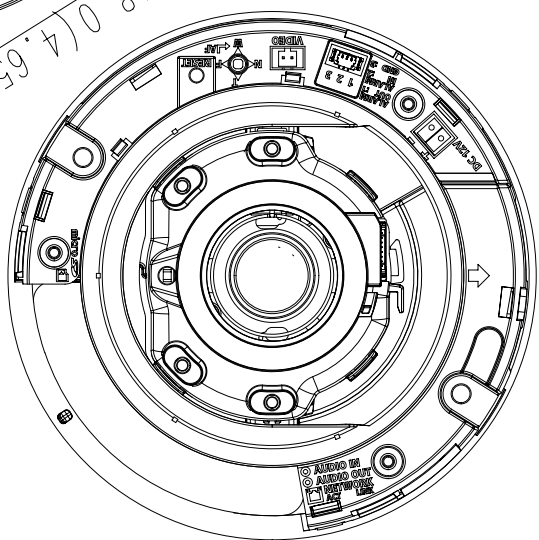
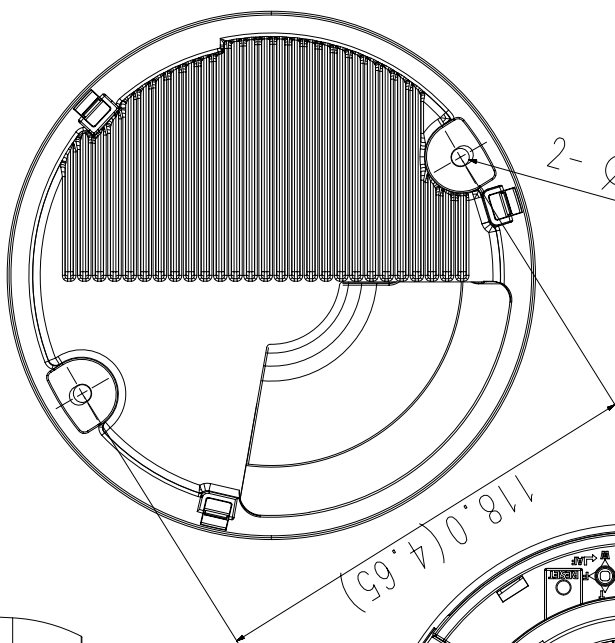
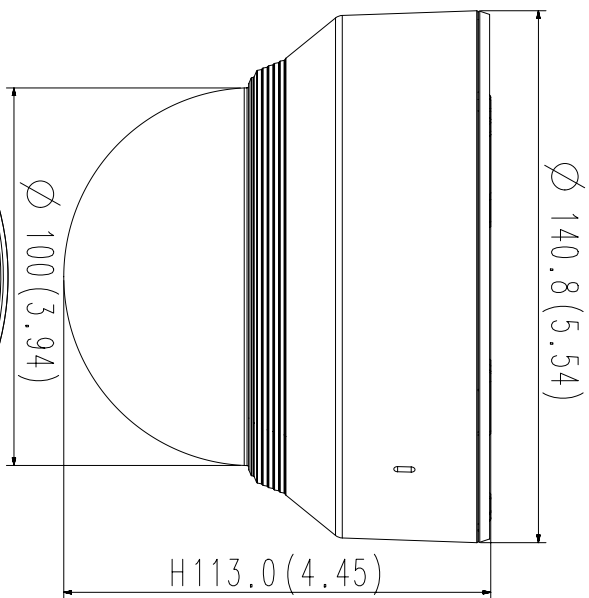
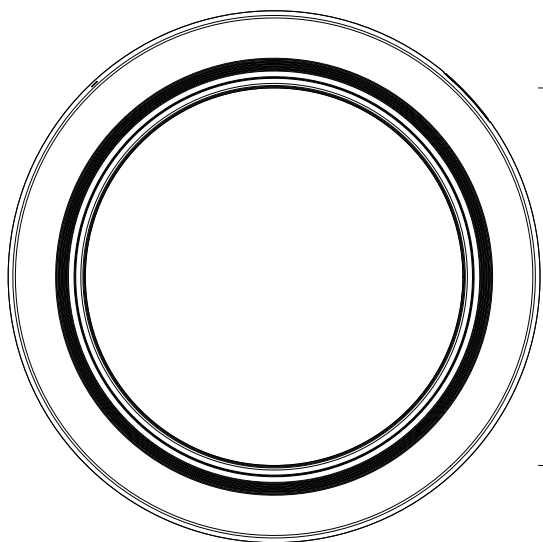


SBP-300PM

| | |
|----------------------------|---|
| Video | |
| Imaging Device | 1/1.7" 12.4MP CMOS |
| Effective Pixels | 4072(H)x3046(V) |
| Min. Illumination | Color: 0.3Lux(F1.6, 1/30sec), 0.01Lux(F1.6, 2sec) B/W: 0Lux(IR LED On) |
| Video Out | CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation |
| Lens | |
| Focal Length (Zoom Ratio) | 4.5~10mm(2.2x) motorized varifocal |
| Max. Aperture Ratio | F1.6 |
| Angular Field of View | [4096x2160] H: 100.3°(Wide)~45.6°(Tele) / V: 49.7°(Wide)~24.0°(Tele) [3840x2160] H: 92.3°(Wide)~42.6°(Tele) / V: 49.7°(Wide)~24.0°(Tele) |
| Min. Object Distance | 0.5m(1.64ft) |
| Focus Control | Simple focus, Manual |
| Lens Type | P iris |
| Pan / Tilt / Rotate | |
| Pan / Tilt / Rotate Range | 0°~354° / 0°~67° / 0°~355° |
| Operational | |
| IR Viewable Length | 30m(98.42ft) |
| Camera Title | Displayed up to 60 characters |
| Day & Night | Auto(ICR) |
| Backlight Compensation | BLC, WDR, SSSDR |
| Wide Dynamic Range | 120dB |
| Digital Noise Reduction | SSNR |
| Defog | Support(built-in optical filter) |
| Motion Detection | 8ea, polygonal zones |
| Privacy Masking | 16ea, rectangular zones - Color: Grey/Green/Red/Blue/Black/White |
| Gain Control | Low / Middle / High |
| White Balance | ATW / AWC / Manual / Indoor / Outdoor |
| Electronic Shutter Speed | Minimum / Maximum / Anti flicker (2~1/12,000sec) |
| Video Rotation | Flip, Mirror, Hallway view(90°/270°) |
| Analytics | Defocus detection, Fog detection, Motion detection, Digital auto tracking, Appear/Disappear, Enter/Exit, Tampering, Virtual line, Audio detection |
| 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 | Selectable(mic in/line in/built-in mic) Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm |
| Audio Out | Line out, Max.output level: 1Vrms |
| Network | |
| Ethernet | RJ-45(10/100/1000BASE-T) |

| | |
|-----------------------------------|---|
| Video Compression | H.265/H.264: Main/Baseline/High, MJPEG |
| Resolution | [8M mode] 4096x2160, 3840x2160, 2592x1944, 2592x1464, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 [12M mode] 4000x3000, 3840x2160, 2592x1944, 2592x1464, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 |
| Max. Framerate | H.265/H.264: Max. 20fps@4000x3000, Max. 30fps@4096x2160 MJPEG: 2fps@4000x3000 ~ 2592x1464, 15fps@1920x1080 ~ 320x240 |
| Smart Codec | Manual(5ea area), WiseStream I |
| Bitrate Control | H.264/H.265: CBR or VBR MJPEG: VBR |
| Streaming | Unicast(15 users) / Multicast Multiple streaming(Up to 3 profiles) |
| Audio Compression | G.711 u-law /G.726 Selectable G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC: 48Kbps at 16KHz |
| 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) |
| Edge Storage | Micro SD/SDHC/SDXC 1slot 128GB |
| Application Programming Interface | ONVIF Profile S/G/Q SUNAPI(HTTP API) SVNP Wisenet open platform |
| 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) |
| Memory | 1024MB RAM , 256MB Flash |
| Environmental | |
| Operating Temperature / Humidity | -30°C ~ +55°C(-22°F ~ +131°F) / Less than 90% RH * Start up should be done at above -10°C (+14°F) |
| Storage Temperature / Humidity | -40°C ~ +60°C(-40°F ~ +140°F) / Less than 90% RH |
| Certification | IK08 |
| Electrical | |
| Input Voltage | PoE(IEEE802.3af, Class3), 12VDC |
| Power Consumption | PoE: Max 10.50W 12VDC: Max 9.50W |
| Mechanical | |
| Color / Material | Ivory / Plastic+Aluminum |
| Product dimensions / weight | Ø140.8x113.0mm(Ø5.54x4.45"), 610g(1.34 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.



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Unit : mm (inch)