

XND-8081REV

5MP Network IR PoE Extender Dome Camera



Key Features

- Maximum 5MP resolution
- PoE Extension Function (Main camera, extension camera)
- PoE out :Maximum 12.95W @ 80 meters
- 3.9~9.4mm(2.4x) motorized varifocal
- 0.07Lux@F1.3 (Color), 0Lux (B/W, IR LED on)
- IR viewable length 50m
- Day & Night (ICR), WDR (120dB)
- Hallway View, WiseStreamII Support
- Video & audio analytics, Audio playback
- Business Intelligence(People counting, Queue management, Heatmap)
- DIS and shock detection with built-in gyro sensor
- Modular structure, PoE+ in/PoE out
- IP52, IK10

| Video | |
|-----------------------------|--|
| Imaging Device | 1/1.8" 6MP CMOS |
| Effective Pixels | 2616(H)x1976(V) |
| Minimum Illumination | Color: 0.07Lux(F1.3, 1/30sec) BW: 0Lux(IR LED on) |
| Video Out | CVBS: 1.0 Vp-p / 75Ω composite, 720x480 for installation USB: Micro USB Type B, 1280x720 for installation |
| Lens | |
| Focal Length (Zoom Ratio) | 3.9~9.4mm(2.4x) motorized varifocal |
| Maximum Aperture Ratio | F1.3 |
| Angular Field of View | H: 92.1°(Wide)~38.7°(Tele) / V: 67.2°(Wide)~29.0°(Tele) / D: 119.9°(Wide)~48.6°(Tele) |
| Minimum Object Distance | 0.5m(1.64ft) |
| Focus Control | Simple focus |
| Lens Type | DC auto iris, P-iris |
| Pan / Tilt / Rotate | |
| Pan / Tilt / Rotate Range | 0°~360° / -45°~85° / 0°~355° |
| Operational | |
| IR Viewable Length | 50m(164.04ft) |
| Camera Title | Displayed up to 85 characters |
| Day & Night | Auto(ICR) |
| Backlight Compensation | BLC, HLC, WDR, SDR |
| Wide Dynamic Range | 120dB |
| Digital Noise Reduction | SSNR V |
| Digital Image Stabilization | Support(built-in gyro sensor) |
| Defog | Support |
| Motion Detection | 8ea, 8point polygonal zones |
| Privacy Masking | 32ea, rectangular zones - Color: Grey/Green/Red/Blue/Black/White - Mosaic |
| Gain Control | Low / Middle / High |
| White Balance | ATW / AWC / Manual / Indoor / Outdoor |
| LDC | Support |
| Electronic Shutter Speed | Minimum / Maximum / Anti flicker (2~1/12,000sec) |
| Video Rotation | Flip, Mirror, Hallway view(90°/270°) |
| Analytics | Defocus detection, Directional detection, Fog detection, Face detection, Motion detection, Digital auto tracking, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Sound classification, Shock detection |
| Business Intelligence | People counting, Queue management, Heatmap |
| Alarm I/O | Input 1ea / Output 1ea |
| Alarm Triggers | Analytics, Network disconnect, Alarm input |

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|-----------------------------------|--|
| 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 playback |
| Audio In | Selectable(Microphone in/Line in/Built-in Microphone) Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm |
| Audio Out | Line out, Maximum output level: 1Vrms |
| Network | |
| Ethernet | RJ-45(10/100BASE-T) |
| Video Compression | H.265/H.264: Main/Baseline/High, MJPEG |
| Resolution | 2560x1920, 2560x1440, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 |
| Max. Framerate | H.265/H.264: Maximum 30fps MJPEG: Maximum 30fps |
| Smart Codec | Manual(5ea area), WiseStreamII |
| Bitrate Control | H.264/H.265: CBR or VBR MJPEG: VBR |
| Streaming | Unicast(20 users) / Multicast Multiple streaming(Up to 10 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, LLDP, SRTp |
| Security | HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP) Device Certificate(Hanwha Techwin Root CA) |
| Edge Storage | Micro SD/SDHC/SDXC 2 slots, total maximum capacity 512GB |
| Application Programming Interface | ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform |
| Web Viewer | Supported OS: Windows 8.1, 10, Mac OS X 10.13 Recommended Browser: Google Chrome Supported Browser: MS Internet Explorer 11, MS Edge, Mozilla Firefox(Windows 64bit only), Apple Safari(Mac OS X only) |
| Memory | 1024MB RAM, 256MB Flash |
| Environmental | |
| Operating Temperature / Humidity | -25°C~+60°C (-13°F~+140°F) / Less than 90% RH |
| Storage Temperature / Humidity | -50°C~+60°C (-58°F~+140°F) / Less than 90% RH |
| Certification | IP52, IK10 |
| Electrical | |
| Input Voltage | PoE+(IEEE802.3at, Class4) |
| Power Consumption | Max 25.5 W (Main Camera + Extension Camera) Typical 10.2W (Main Camera) * PoE Out: Maximum 12.95W at 80 meters using CAT5/5E cable |

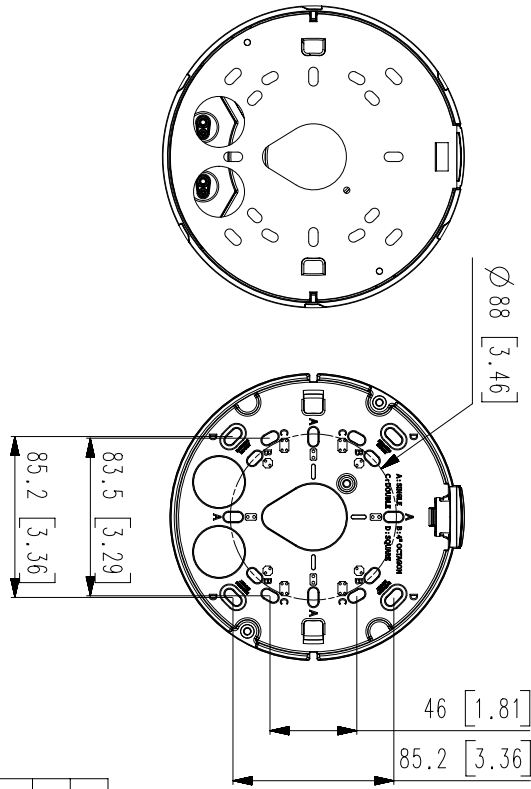
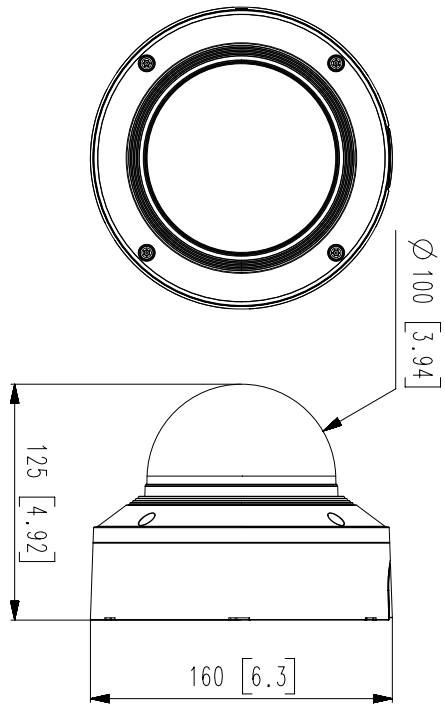
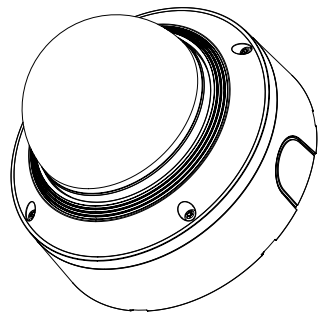
Mechanical

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|-----------------------------|---|
| Color / Material | White / Aluminum |
| RAL Code | RAL9003 |
| Product dimensions / weight | Ø160x125mm(6.30x4.92"), 1.45kg(3.20 lb) |

DORI

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|---------------------------|--|
| Detect (25PPM/ 8PPF) | Wide: 49.4m(162.07ft) / Tele: 146m(479.00ft) |
| Observe (63PPM/ 19PPF) | Wide: 19.7m(64.63ft) / Tele: 58m(190.29ft) |
| Recognize (125PPM/ 38PPF) | Wide: 9.9m(32.48ft) / Tele: 29m(95.14ft) |
| Identify (250PPM/ 76PPF) | Wide: 4.9m(16.08.22ft) / Tele: 15m(49.21ft) |

- The latest product information / specification can be found at hanwhasecurity.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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| 16 | | |
| 15 | | |
| 14 | | |
| 13 | XND-9082RV | 19.12. |
| 12 | XND-7082RV | 19.12. |
| 11 | XND-6082RV | 19.12. |
| 10 | PND-A7081RV | 19.12. |
| 9 | PND-A6081RV | 19.12. |
| 8 | XND-8081REV | 19.12. |
| 7 | XND-6081REV | 19.12.18 |
| 6 | PND-A9081R | 19.09.27 |
| 5 | XND-8081RV | 19.09.27 |
| 4 | XND-6081RV | 19.09.27 |
| 3 | XND-6081V | 19.09.27 |
| 2 | XND-8081VZ | 19.09.27 |
| 1 | XND-6081VZ | 19.09.27 |
| No. | MODEL NAME | DATE |

Unit:mm[inch] SCALE:1/1 Hanwha Techwin

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