

# XND-8081RV

5M H.265 NW IR Dome Camera



## Key Features

- Max. 5Megapixel resolution
- 0.07Lux@F1.4 (Color), 0Lux (B/W, IR LED on)
- Day & Night (ICR), WDR (150dB / 120dB)
- Hallway View, WiseStreamII Support
- Video & audio analytics, Audio playback
- DIS and shock detection with built-in gyro sensor
- Modular structure, PoE, 12VDC
- IP52, IK10

## Compatible Accessories (Optional)



SBP-167HMW



SPB-IND85W



SBP-300WMW



SBC-160B



SBP-300WMW1



SBP-300KMW



SBP-300PMW



SBP-300LMW



SBP-300NBW



SBP-300BW



SBP-300CMW

| Video                       |  |
|-----------------------------|--|
| Imaging Device              | 1/1.8" 6MP CMOS  |
| Resolution                  | 2560x1920, 2560x1440, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240   |
| Max. Framerate              | H.265/H.264: Max. 30fps/25fps(60Hz/50Hz)<br>MJPEG: Max. 30fps/25fps(60Hz/50Hz)   |
| Min. Illumination           | Color: 0.07Lux(F1.3, 1/30sec)<br>BW: 0Lux(IR LED on)   |
| Video Out                   | CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation<br>USB: Micro USB Type B, 1280x720 for installation  |
| Lens                        |  |
| Focal Length (Zoom Ratio)   | 3.9~9.4mm(2.4x) motorized varifocal  |
| Max. 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)  |
| Min. 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                 |  |
| Camera Title                | Displayed up to 85 characters  |
| Day & Night                 | Auto(ICR)  |
| Backlight Compensation      | BLC, HLC, WDR, SSSDR   |
| 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, polygonal zones<br>- Color: Grey/Green/Red/Blue/Black/White<br>- 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   |

|  |  |
|--|--|
| <b>Alarm Triggers</b>                    | Analytics, Network disconnect, Alarm input   |
| <b>Alarm Events</b>                      | 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<br>Audio playback   |
| <b>Audio In</b>                          | Selectable(Mic in/Line in)<br>Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm   |
| <b>Audio Out</b>                         | Line out, Max. output level: 1Vrms   |
| <b>IR Viewable Length</b>                | 50m(164.04ft)  |
| <b>Network</b>                           |  |
| <b>Ethernet</b>                          | RJ-45(10/100BASE-T)  |
| <b>Video Compression</b>                 | H.265/H.264: Main/Baseline/High, MJPEG   |
| <b>Audio Compression</b>                 | G.711 u-law /G.726 Selectable<br>G.726(ADPCM) 8KHz, G.711 8KHz<br>G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps<br>AAC-LC: 48Kbps at 16KHz   |
| <b>Smart Codec</b>                       | Manual(5ea area), WiseStream II  |
| <b>Bitrate Control</b>                   | H.264/H.265: CBR or VBR<br>MJPEG: VBR  |
| <b>Streaming</b>                         | Unicast(20 users) / Multicast<br>Multiple streaming(Up to 10 profiles)   |
| <b>Protocol</b>                          | 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                    |
| <b>Security</b>                          | HTTPS(SSL) Login Authentication<br>Digest Login Authentication<br>IP Address Filtering<br>User access Log<br>802.1X Authentication(EAP-TLS, EAP-LEAP)  |
| <b>Application Programming Interface</b> | ONVIF Profile S/G/T<br>SUNAPI(HTTP API)<br>Wisenet open platform   |
| <b>General</b>                           |  |
| <b>Web Viewer</b>                        | Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12<br>Recommended Browser: Google Chrome<br>Supported Browser: MS Exploref11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X only) |
| <b>Edge Storage</b>                      | Micro SD/SDHC/SDXC 2slot 512GB   |
| <b>Memory</b>                            | 1024MB RAM, 256MB Flash  |
| <b>Environmental &amp; Electrical</b>    |  |
| <b>Operating Temperature / Humidity</b>  | -25°C~+60°C (-13°F~+140°F) / Less than 90% RH  |
| <b>Storage Temperature / Humidity</b>    | -50°C~+60°C (-58°F~+140°F) / Less than 90% RH  |
| <b>Certification</b>                     | IP52, IK10   |
| <b>Input Voltage</b>                     | PoE(IEEE802.3af, Class3), 12VDC  |

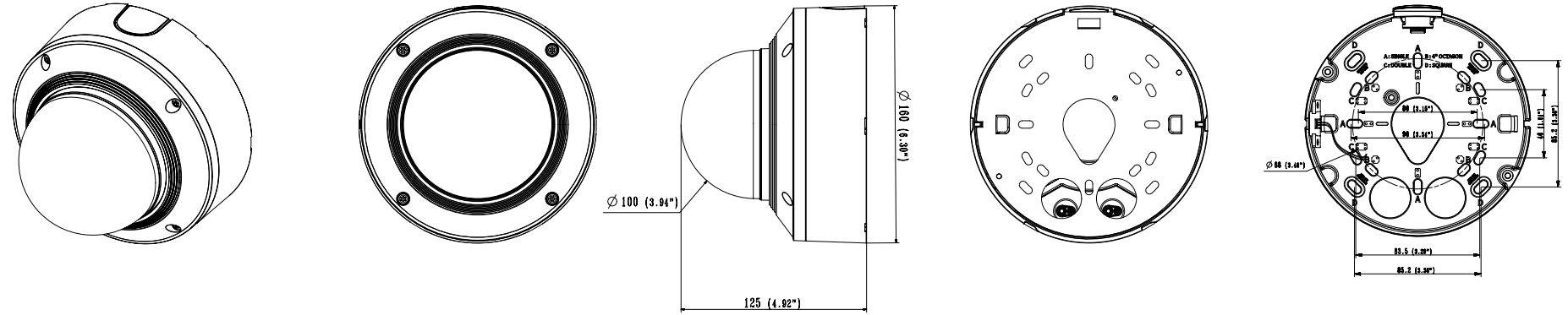
|                          |  |
|--------------------------|--|
| <b>Power Consumption</b> | PoE: Max 12.95W, typical 10.10W<br>12VDC: Max 11.7W, typical 7.90W |
|--------------------------|--|

**Mechanical**

|                                    |   |
|------------------------------------|---|
| <b>Color / Material</b>            | White / Aluminum                        |
| <b>RAL Code</b>                    | RAL9003                                 |
| <b>Product Dimensions / Weight</b> | Ø160x125mm(6.30x4.92"), 1.45kg(3.20 lb) |

- The latest product information / specification can be found at [hanwha-security.com](http://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.

## X-PLUS INDOOR VANDAL



## X-PLUS INDOOR VANDAL with SKIN-COVER

