

# XND-L6080R/L6080RV

2M Network IR Dome Camera



XND-L6080R

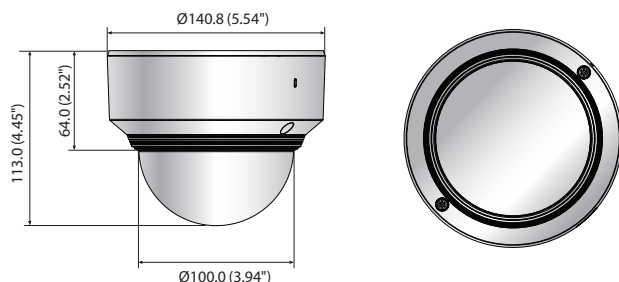
XND-L6080RV

## Key Features

- Max. 2megapixel (1920 x 1080) resolution
- 3.2 ~ 10mm (3.1x) motorized varifocal lens
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB), Defog
- Tampering, Defocus detection
- Motion Detection, Handover
- SD/SDHC/SDXC memory slot (Max. 256GB)
- Hallway view, WiseStreamII support
- IR viewable length 20m
- IK08, PoE support
- Material : Plastic (XND-L6080R) / Aluminum (XND-L6080RV)

## Dimensions

Unit : mm (inch)



## Accessories (Optional)



## XND-L6080R/L6080RV

|                                        |                                                                                                                                                                                                                                                                                       |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>VIDEO</b>                           |                                                                                                                                                                                                                                                                                       |
| Imaging Device                         | 1/2.8" 2M CMOS                                                                                                                                                                                                                                                                        |
| Total Pixels                           | 1,945(H) x 1,109(V) 2.16M                                                                                                                                                                                                                                                             |
| Effective Pixels                       | 1,945(H) x 1,097(V) 2.13M                                                                                                                                                                                                                                                             |
| Scanning System                        | Progressive Scan                                                                                                                                                                                                                                                                      |
| Min. Illumination                      | Color : 0.1Lux@F1.6, B/W : 0Lux (IR LED on)                                                                                                                                                                                                                                           |
| S / N Ratio                            | 50dB                                                                                                                                                                                                                                                                                  |
| Video Out                              | CVBS : 1.0Vpp / 75Ω composite, 720 x 480(N), 720 x 576(P), for installation<br>USB : micro USB type B, 1280 x 720 for installation                                                                                                                                                    |
| <b>LENS</b>                            |                                                                                                                                                                                                                                                                                       |
| Focal Length (Zoom Ratio)              | 3.2~10mm (3.1x) motorized varifocal                                                                                                                                                                                                                                                   |
| Max. Aperture Ratio                    | F1.6(Wide) ~ F2.9(Tele)                                                                                                                                                                                                                                                               |
| Angular Field of View                  | H : 109.0°(Wide) ~ 33.2°(Tele) / V : 57.4°(Wide) ~ 18.7°(Tele) / D : 132.0°(Wide) ~ 38.0°(Tele)                                                                                                                                                                                       |
| Min. Object Distance                   | 0.5m (1.64ft)                                                                                                                                                                                                                                                                         |
| Focus Control                          | Simple focus (Motorized V/F) / Manual, Remote control via network (Manual, Simple focus)                                                                                                                                                                                              |
| Lens / Mount Type                      | DC auto iris / Board-in type                                                                                                                                                                                                                                                          |
| <b>PAN / TILT / ROTATE</b>             |                                                                                                                                                                                                                                                                                       |
| Pan / Tilt / Rotate Range              | 0° ~ 354° / 0° ~ 67° / 0° ~ 355°                                                                                                                                                                                                                                                      |
| <b>OPERATIONAL</b>                     |                                                                                                                                                                                                                                                                                       |
| IR Viewable Length                     | 20m (65.62ft)                                                                                                                                                                                                                                                                         |
| Camera Title                           | Off / On (Displayed up to 85 characters)<br>- W/W : English / Numeric / Special characters<br>- China : English / Numeric / Special / Chinese characters<br>- Common : Multi-line (Max. 5), Color (Gray / Green / Red / Blue / Black / White), Transparency, Auto scale by resolution |
| Day & Night                            | Auto (ICR) / Color / B/W / External / Schedule                                                                                                                                                                                                                                        |
| Backlight Compensation                 | Off / BLC / HLC (Masking / Dimming), WDR                                                                                                                                                                                                                                              |
| Wide Dynamic Range                     | 120dB                                                                                                                                                                                                                                                                                 |
| Contrast Enhancement                   | SSDR (Off / On)                                                                                                                                                                                                                                                                       |
| Digital Noise Reduction                | SSNRV (2D + 3D noise filter) (Off / On)                                                                                                                                                                                                                                               |
| Digital Image Stabilization            | Off / On                                                                                                                                                                                                                                                                              |
| Defog                                  | Off / Auto (Input from fog detection) / Manual                                                                                                                                                                                                                                        |
| Motion Detection                       | Off / On (8ea, 8point polygonal zones), Handover                                                                                                                                                                                                                                      |
| Privacy Masking                        | Off / On (32ea, polygonal zones)<br>- Color : Gray / Green / Red / Blue / Black / White - Mosaic                                                                                                                                                                                      |
| Gain Control                           | Off / Low / Middle / High                                                                                                                                                                                                                                                             |
| White Balance                          | ATW / AWC / Manual / Indoor / Outdoor (Included mercury & Sodium)                                                                                                                                                                                                                     |
| Contrast                               | Level adjustment                                                                                                                                                                                                                                                                      |
| LDC (Lens Distortion Correction)       | Off / On (5 levels with min / max)                                                                                                                                                                                                                                                    |
| Electronic Shutter Speed               | Minimum / Maximum / Anti flicker (2 ~ 1/12,000sec)                                                                                                                                                                                                                                    |
| Digital PTZ                            | 24x, Digital PTZ (Preset, Group)                                                                                                                                                                                                                                                      |
| Flip / Mirror                          | Off / On, Hallway view : 90° / 270°                                                                                                                                                                                                                                                   |
| Video Analytics                        | Tampering, Defocus detection, Motion detection                                                                                                                                                                                                                                        |
| Alarm Triggers                         | Motion detection, Video analytics, Network disconnect                                                                                                                                                                                                                                 |
| Alarm Events                           | File upload via FTP, E-mail, Notification via E-mail, Local storage (SD/SDHC/SDXC) or NAS recording at event triggers                                                                                                                                                                 |
| Pixel Counter                          | Support                                                                                                                                                                                                                                                                               |
| <b>NETWORK</b>                         |                                                                                                                                                                                                                                                                                       |
| Ethernet                               | RJ-45 (10/100BASE-T)                                                                                                                                                                                                                                                                  |
| Video Compression Format               | H.265 / H.264 (MPEG-4 part 10/AVC) : Main / Baseline / High, MJPEG                                                                                                                                                                                                                    |
| Resolution                             | 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 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. 60fps at all resolutions, MJPEG : Max. 30fps                                                                                                                                                                                                                     |
| Smart Codec                            | Manual mode (Area-based : 5ea)                                                                                                                                                                                                                                                        |
| WiseStream II                          | Support                                                                                                                                                                                                                                                                               |
| Video Quality Adjustment               | H.265 / H.264, MJPEG : Target Bitrate Level Control                                                                                                                                                                                                                                   |
| Bitrate Control Method                 | H.265 / H.264 : CBR or VBR, MJPEG : VBR                                                                                                                                                                                                                                               |
| Streaming Capability                   | Multiple streaming (Up to 5 profiles)                                                                                                                                                                                                                                                 |
| IP                                     | IPv4, IPv6                                                                                                                                                                                                                                                                            |
| Protocol                               | 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, UPnP, Bonjour                                                                                                             |
| Security                               | HTTPS (SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1X authentication (EAP-TLS, EAP-LEAP)                                                                                                                                       |
| Streaming Method                       | Unicast / Multicast                                                                                                                                                                                                                                                                   |
| Max. User Access                       | 20 users at unicast mode                                                                                                                                                                                                                                                              |
| Edge Storage                           | SD/SDHC/SDXC 1 slot (up to 256GB)<br>- Motion images recorded in the SD/SDHC/SDXC memory card can be downloaded.<br>NAS (Network Attached Storage), Local PC for instant recording                                                                                                    |
| Application Programming Interface      | ONVIF profile S/G, SUNAPI (HTTP API), Wisenet Open Platform                                                                                                                                                                                                                           |
| Webpage Language                       | English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek                                                                                                                                   |
| Web Viewer                             | Supported OS : Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12<br>Supported Browser : Google Chrome 63, MS Edge 41, MS Internet Explorer 11, Mozilla Firefox 57 (Window 64bit only), Apple Safari 11 (Mac OS X only)                                                                 |
| Central Management Software            | SmartViewer, SSM                                                                                                                                                                                                                                                                      |
| <b>ENVIRONMENTAL</b>                   |                                                                                                                                                                                                                                                                                       |
| Operating Temperature / Humidity       | -10°C ~ +55°C (-14°F ~ +131°F) / Less than 90% RH                                                                                                                                                                                                                                     |
| Storage Temperature / Humidity         | -50°C ~ +60°C (-58°F ~ +140°F) / Less than 90% RH                                                                                                                                                                                                                                     |
| Ingress Protection / Vandal Resistance | IK08                                                                                                                                                                                                                                                                                  |
| <b>ELECTRICAL</b>                      |                                                                                                                                                                                                                                                                                       |
| Input Voltage / Current                | PoE (IEEE802.3af, Class3)                                                                                                                                                                                                                                                             |
| Power Consumption                      | Max. 8W, Typical 4W                                                                                                                                                                                                                                                                   |
| <b>MECHANICAL</b>                      |                                                                                                                                                                                                                                                                                       |
| Color / Material                       | Ivory (NCS S 0502-Y) / Plastic (XND-L6080R), Ivory (NCS S 0502-Y) / Aluminum (XND-L6080RV)                                                                                                                                                                                            |
| Dimensions (WxH)                       | Ø140.8 x 113.0mm (Ø5.54" x 4.45")                                                                                                                                                                                                                                                     |
| Weight                                 | 580g (1.28 lb) (XND-L6080R), 690g (1.52 lb) (XND-L6080RV)                                                                                                                                                                                                                             |

\* 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.