

# LND-6012R

2 MP IR Dome Camera



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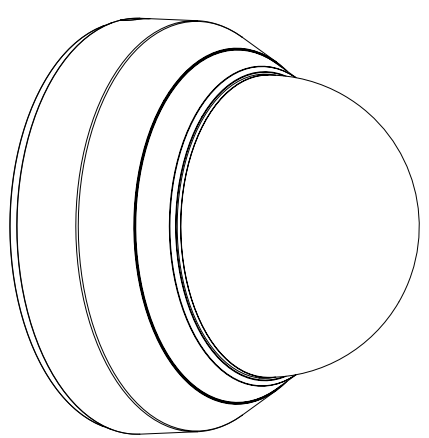
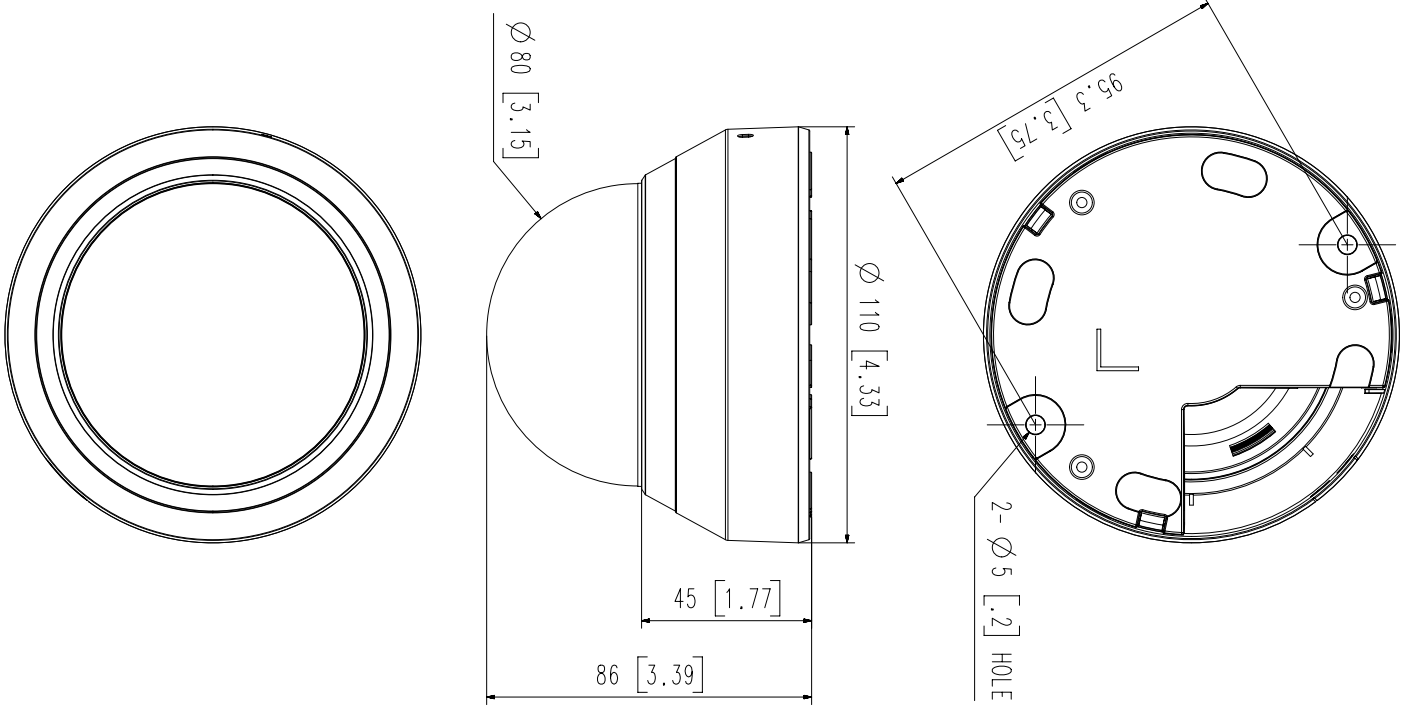
## Key Features

- 2 megapixel (1920 x 1080) resolution
- Built-in 2.8mm fixed lens
- 30fps@all resolutions (H.264)
- H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB)
- Tampering, Motion detection
- microSD/SDHC memory slot (Maximum 32GB), PoE
- Hallway view, WiseStreamII support
- IR viewable length 20m

| <b>Video</b>               |   |
|----------------------------|---|
| Imaging Device             | 1/2.8" 2MP CMOS   |
| Effective Pixels           | 1945(H)x1097(V)   |
| Minimum Illumination       | Color: 0.1Lux(F2.0, 1/30sec)<br>BW : 0Lux (IR LED on)   |
| <b>Lens</b>                |   |
| Focal Length (Zoom Ratio)  | 2.8mm fixed focal   |
| Maximum Aperture Ratio     | F2.0  |
| Angular Field of View      | H: 113.7° / V: 61.5° / D: 134.4°  |
| Minimum Object Distance    | 0.5m(1.64ft)  |
| Focus Control              | Fixed   |
| <b>Pan / Tilt / Rotate</b> |   |
| Pan / Tilt / Rotate Range  | 0°~350° / 0°~67° / 0°~355°  |
| <b>Operational</b>         |   |
| IR Viewable Length         | 20m(65.62ft)  |
| Camera Title               | Displayed up to 15 characters   |
| Day & Night                | Auto(ICR)   |
| Backlight Compensation     | BLC, WDR, SDR   |
| Wide Dynamic Range         | 120dB   |
| Digital Noise Reduction    | SSNR  |
| Motion Detection           | 4ea, rectangular 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                  | Motion detection, Tampering   |
| Alarm Triggers             | Analytics   |
| Alarm Events               | File upload via FTP and e-mail<br>Notification via e-mail   |
| <b>Network</b>             |   |
|                            | SD/SDHC recording at event triggers   |
| Ethernet                   | RJ-45(10/100BASE-T)   |
| Video Compression          | H.264: Main/Baseline/High, MJPEG  |
| Resolution                 | 1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360   |
| Max. Framerate             | H.264: Maximum 30fps<br>MJPEG : Maximum 2fps at 1920x1080, Maximum, 3fps at 1280x960, 1280x720<br>Maximum 10fps at other resolution |
| Smart Codec                | WiseStreamII  |
| Bitrate Control            | H.264: CBR or VBR<br>MJPEG: VBR   |

|  |  |
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| <b>Streaming</b>                         | Unicast (6 users) / Multicast<br>Multiple streaming (Up to 3 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, UPnP, Bonjour, LLDP                                  |
| <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>Edge Storage</b>                      | Micro SD/SDHC 1 slot 32GB  |
| <b>Application Programming Interface</b> | ONVIF Profile S/G/T<br>SUNAPI (HTTP API)   |
| <b>Web Viewer</b>                        | Supported OS: Windows 7, 8.1, 10, Mac OS X 10.12, 10.13, 10.14<br>Recommended Browser: Google Chrome<br>Supported Browser: MS Explorer 11, MS Edge, Mozilla Firefox (Window 64bit only), Apple Safari(Mac OS X only) |
| <b>Memory</b>                            | 512MB RAM, 256MB Flash   |
| <b>Environmental</b>                     |  |
| <b>Operating Temperature / Humidity</b>  | -10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH  |
| <b>Storage Temperature / Humidity</b>    | -30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH  |
| <b>Electrical</b>                        |  |
| <b>Input Voltage</b>                     | PoE (IEEE802.3af, Class2)  |
| <b>Power Consumption</b>                 | Maximum 6.4W, Typical 5.0W   |
| <b>Mechanical</b>                        |  |
| <b>Color / Material</b>                  | White / Plastic  |
| <b>RAL Code</b>                          | RAL9003  |
| <b>Product dimensions / weight</b>       | Ø110x86mm (Ø4.33x3.39"), 270g  |
| <b>Gangbox compatibility</b>             | Double gangbox, direct mount   |
| <b>DORI</b>                              |  |
| <b>Detect</b>                            | 25.1m (82.28ft)  |
| <b>Observe</b>                           | 10.0m (32.91ft)  |
| <b>Recognize</b>                         | 5.0m (16.46ft)   |
| <b>Identify</b>                          | 2.5m (8.23ft)  |

- The latest product information / specification can be found at [hanwhasecurity.com](http://hanwhasecurity.com)
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of **Hanwha Techwin**, formerly known as Samsung Techwin.



| No. | MODEL NAME                                     | DATE      |
|-----|--|-----------|
| 1   | QND-6010R/6020R/6030R<br>QND-7010R/7020R/7030R | '19.10.22 |
| 2   | LND-6010R/6020R/6030R<br>LND-6011R/6021R/6031R | '19.10.22 |
| 3   | QND-6012R/6022R/6032R                          | '19.10.22 |
| 4   | LND-6012R/6022R/6032R                          | '19.10.22 |

Unit : mm [ inch ]    SCALE : 1/1    © Hanwha Technwin