

# LND-6010R/6020R/6030R

2M Network IR Dome Camera

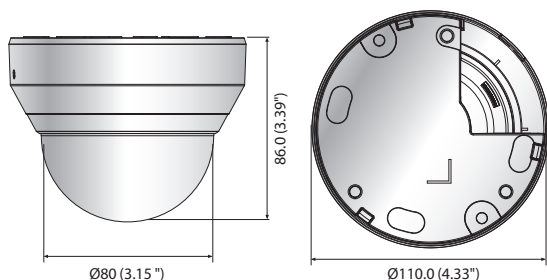


## Key Features

- Max. 2 megapixel (1920 x 1080) resolution
- Built-in 3mm fixed lens (LND-6010R)  
4mm fixed lens (LND-6020R)  
6mm fixed lens (LND-6030R)
- Max. 30fps@all resolutions (H.264)
- H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB)
- Tampering, Motion detection
- Micro SD/SDHC memory slot (Max. 32GB), PoE
- Hallway view, WiseStreamII support
- IR viewable length 20m

## Dimensions

Unit : mm (inch)



## Accessories (Optional)



SBP-122HMW



SBP-300MMW1



SBP-300CMW

## LND-6010R/6020R/6030R

|                                   |  |
|-----------------------------------|--|
| <b>VIDEO</b>                      |  |
| Imaging Device                    | 1/2.9" 2.19M CMOS  |
| Total Pixels                      | 2,000(H) x 1,121(V)  |
| Effective Pixels                  | 1,984(H) x 1,105(V)  |
| Scanning System                   | Progressive Scan   |
| Min. Illumination                 | Color: 0.18Lux (F2.0), B/W: 0Lux (IR LED on)   |
| <b>LENS</b>                       |  |
| Focal Length (Zoom Ratio)         | 3mm fixed (LND-6010R), 4mm fixed (LND-6020R), 6mm fixed (LND-6030R)  |
| Max. Aperture Ratio               | F2.0   |
| Angular Field of View             | H : 102° / V : 54° / D : 120° (LND-6010R)<br>H : 80° / V : 43° / D : 94° (LND-6020R)<br>H : 51° / V : 29° / D : 58° (LND-6030R)  |
| Min. Object Distance              | 0.5m (1.64ft)  |
| Lens / Mount Type                 | Fixed / Board-in type  |
| <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                      | Off / On (Displayed up to 15 characters)   |
| Day & Night                       | Auto (ICR) / Color / B/W / Schedule  |
| Backlight Compensation            | Off / BLC / WDR  |
| Wide Dynamic Range                | 120dB  |
| Contrast Enhancement              | SSDR (Off / On)  |
| Digital Noise Reduction           | SSNR (Off / On)  |
| Motion Detection                  | Off / On (4ea rectangler zones)  |
| Privacy Masking                   | Off / On (6ea rectangler zones)  |
| Gain Control                      | Off / Low / Middle / High  |
| White Balance                     | ATW / AWC / Manual / Indoor / Outdoor  |
| LDC (Lens Distortion Correction)  | Off / On (5 levels with min / max)   |
| Electronic Shutter Speed          | Minimum / Maximum / Anti flicker   |
| Flip / Mirror                     | Off / On, Hallway view   |
| Video & Audio Analytics           | Tampering, Motion detection  |
| Alarm Triggers                    | Motion detection, Tampering detection, SD card error   |
| Alarm Events                      | File upload via FTP and E-mail, Local storage recording at event, Notification via E-mail  |
| <b>NETWORK</b>                    |  |
| Ethernet                          | RJ-45 (10/100BASE-T)   |
| Video Compression Format          | H.264, 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, 640 x 480, 640 x 360, 320 x 240   |
| Max. Framerate                    | H.264 : Max. 30fps at all resolutions<br>MJPEG : Max. 1fps at 1920 x 1080, 1280 x 1024, 1280 x 720, 1024 x 768, Max. 15fps at other resolution   |
| WiseStream II                     | Support  |
| Video Quality Adjustment          | H.264, MJPEG : Target Bitrate Level Control  |
| Bitrate Control Method            | H.264 : CBR or VBR, MJPEG : VBR  |
| Streaming Capability              | Multiple streaming (Up to 3 profiles)  |
| IP                                | IPv4, IPv6   |
| Protocol                          | TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTPCPTSP, 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                  | 6 users at unicast mode  |
| Edge Storage                      | Micro SD/SDHC Max. 32GB<br>- Motion images recorded in the SD memory card can be downloaded<br>- Manual recording at local PC  |
| Application Programming Interface | ONVIF profile S/G, SUNAPI (HTTP API)   |
| Webpage Language                  | English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatia, Hungary, Greek, Finnish, Norwegian  |
| Web Viewer                        | Supported OS : Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12<br>Non-plugin Webviewer<br>- Supported Browser : Google Chrome 63, MS Edge 41, Mozilla Firefox 57 (Window 64bit only), Apple Safari 11 (Mac OS X only)<br>Plug-in Webviewer<br>- Supported Browser : MS Explore 11 |
| 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    | -30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH  |
| <b>ELECTRICAL</b>                 |  |
| Input Voltage / Current           | PoE (IEEE802.3af, Class3)  |
| Power Consumption                 | 6.5W   |
| <b>MECHANICAL</b>                 |  |
| Color / Material                  | White (RAL-9003) / Plastic   |
| Dimensions (WxH)                  | Ø110.0 x 86.0mm (Ø4.33" x 3.39")   |
| Weight                            | 230g (0.51 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.