

# LNO-6072R

2 PM IR Bullet Camera



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## Key Features

- 2 megapixel (1920 x 1080) resolution
- 3.2 ~ 10mm varifocal 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 30m
- IP66 support

**Video**

|                      |                                                         |
|----------------------|---------------------------------------------------------|
| Imaging Device       | 1/2.8" 2MP CMOS                                         |
| Effective Pixels     | 1945(H)x1097(V)                                         |
| Minimum Illumination | Color: 0.095Lux(F1.6, 1/30sec)<br>BW : 0Lux (IR LED on) |

**Lens**

|                           |                                                                                        |
|---------------------------|----------------------------------------------------------------------------------------|
| Focal Length (Zoom Ratio) | 3.2~10mm(3.1x) manual varifocal                                                        |
| Maximum 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) |
| Minimum Object Distance   | 0.5m(1.64ft)                                                                           |
| Focus Control             | Manual                                                                                 |
| Lens Type                 | DC auto iris                                                                           |

**Operational**

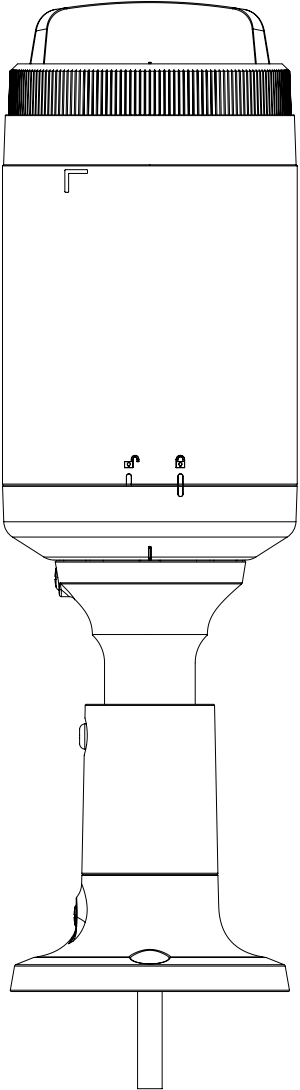
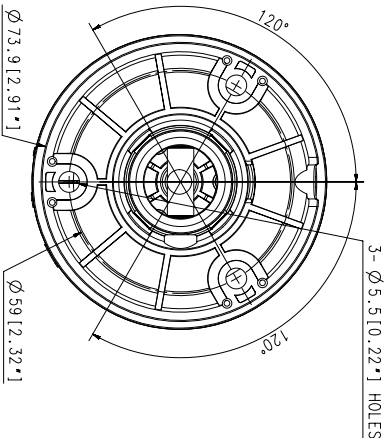
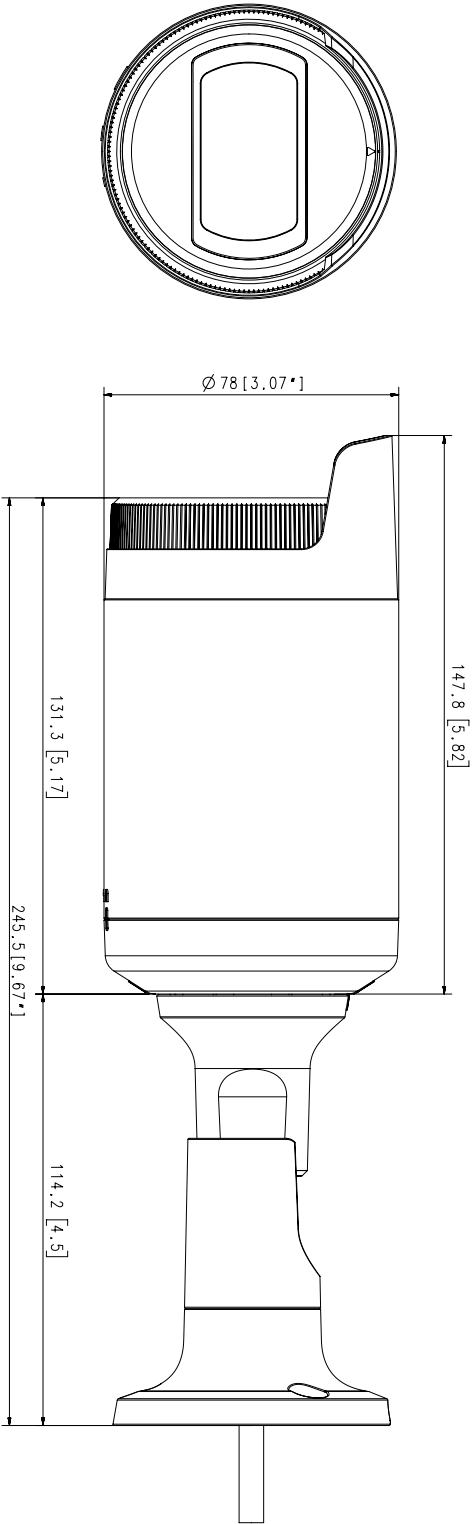
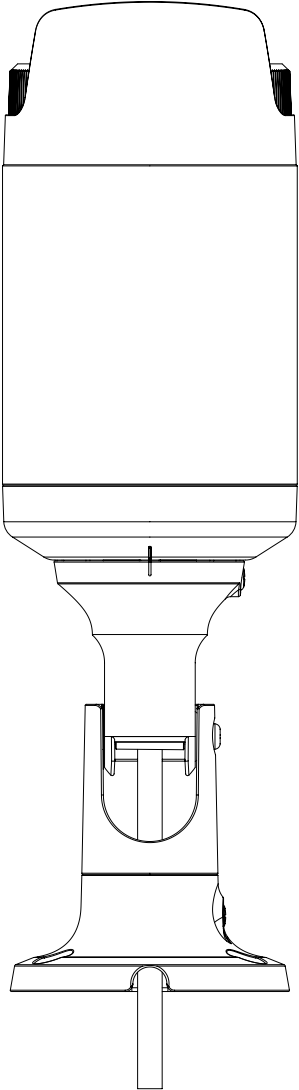
|                          |                                                           |
|--------------------------|-----------------------------------------------------------|
| IR Viewable Length       | 30m(98.43ft)                                              |
| Camera Title             | Displayed up to 15 characters                             |
| Day & Night              | Auto(ICR)                                                 |
| Backlight Compensation   | BLC, WDR, SSDR                                            |
| 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 |

**Network**

|                   |                                                                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|                   | 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                                               |
| Maximum Framerate | H.264: Maximum 30fps<br>MJPEG : Maximum 2fps at 1920x1080, Maximum, 3fps at 1280x960, 1280x720, Maximum 10fps at other resolution |
| Smart Codec       | WiseStreamII                                                                                                                      |
| Bitrate Control   | H.264: CBR or VBR<br>MJPEG: VBR                                                                                                   |

|                                          |                                                                                                                                                                                                                       |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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                                          |
| <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>DORI</b>                              |                                                                                                                                                                                                                       |
| <b>Detect</b>                            | Wide: 27.4m(89.86ft) / Tele: 128.8m(422.61ft)                                                                                                                                                                         |
| <b>Observe</b>                           | Wide: 11.0m(35.95ft) / Tele: 51.5m(169.04ft)                                                                                                                                                                          |
| <b>Recognize</b>                         | Wide: 5.5m(17.97ft) / Tele: 25.8m(84.52ft)                                                                                                                                                                            |
| <b>Identify</b>                          | Wide: 2.7m(8.99ft) / Tele: 12.9m(42.26ft)                                                                                                                                                                             |

- 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.



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|--------------------|-----------------------------|-------------------|
| 2                  | LNO-6012R 6022R 6032R 6072R | '19.08.12         |
| 1                  | LNO-6070R                   | '17.11.16         |
| No.                | MODEL NAME                  | DATE              |
| Unit : mm [ inch ] | SCALE : 1/1                 | © Hanwha Technwin |