

## SND-L6083R

2Megapixel Full HD Network IR Dome Camera

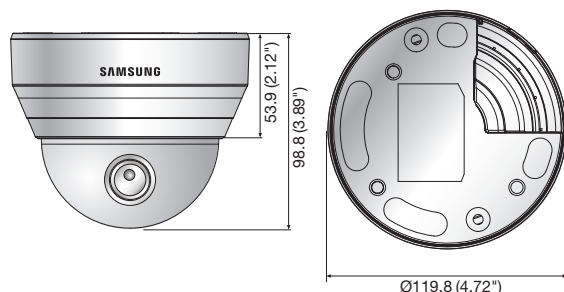


## Key Features

- Max. 2M (1920 x 1080) resolution
- 2.8 ~ 12mm (4.3x) varifocal lens
- 0.095Lux@F1.4 (Color), 0Lux@F1.4 (B/W : IR LED on)
- 30fps@all resolutions (H.264)
- H.264, MJPEG dual codec, Multiple streaming
- Motion detection, Tampering
- micro SD/SDHC memory slot, PoE
- IR viewable length 15m
- Hallway view support (Rotate 90°/270°)
- LDC support (Lens Distortion Correction)

## Dimensions

Unit : mm (inch)



## Accessories (Optional)



\* Data recorded on an SD memory card may be lost or damaged by data access during power-off, mechanical shock, memory card detachment, or other operations. Data loss or damage can also occur when a memory card reaches end of life, which varies according to operational conditions.  
No guarantee is given against damage (including passive damage).

| SND-L6083RN/P                     |                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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                                                                                                                                                                                                                                                                                                                       |
| Min. Illumination                 | Color : 0.095Lux (1/30sec, F1.4), 0.002Lux (2sec, F1.4)<br>B/W : 0Lux (IR LED on)                                                                                                                                                                                                                                                 |
| <b>LENS</b>                       |                                                                                                                                                                                                                                                                                                                                   |
| Focal Length (Zoom Ratio)         | 2.8 ~ 12mm (4.3x) varifocal                                                                                                                                                                                                                                                                                                       |
| Max. Aperture Ratio               | F1.4                                                                                                                                                                                                                                                                                                                              |
| Angular Field of View             | H : 103.8°(Wide) ~ 32.4°(Tele) / V : 53.7°(Wide) ~ 18.4°(Tele) /<br>D : 121.9°(Wide) ~ 37.1°(Tele)                                                                                                                                                                                                                                |
| Min. Object Distance              | 0.5m (1.64ft)                                                                                                                                                                                                                                                                                                                     |
| Focus Control                     | Manual                                                                                                                                                                                                                                                                                                                            |
| Lens Type                         | DC auto iris                                                                                                                                                                                                                                                                                                                      |
| Mount Type                        | Board type                                                                                                                                                                                                                                                                                                                        |
| <b>PAN / TILT / ROTATE</b>        |                                                                                                                                                                                                                                                                                                                                   |
| Pan / Tilt / Rotate Range         | 0° ~ 350° / 0° ~ 67° / 0° ~ 355°                                                                                                                                                                                                                                                                                                  |
| <b>OPERATIONAL</b>                |                                                                                                                                                                                                                                                                                                                                   |
| IR Viewable Length                | 15m (49.21ft)                                                                                                                                                                                                                                                                                                                     |
| Camera Title                      | Off / On (Displayed up to 15 characters)                                                                                                                                                                                                                                                                                          |
| Day & Night                       | True Day & Night                                                                                                                                                                                                                                                                                                                  |
| Backlight Compensation            | Off / BLC                                                                                                                                                                                                                                                                                                                         |
| Contrast Enhancement              | SSDR (Samsung Super Dynamic Range) (Off / On)                                                                                                                                                                                                                                                                                     |
| Digital Noise Reduction           | SSNR (Off / On)                                                                                                                                                                                                                                                                                                                   |
| Motion Detection                  | Off / On (4ea rectangular zones)                                                                                                                                                                                                                                                                                                  |
| Privacy Masking                   | Off / On (6ea rectangular 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                     | Flip / Mirror / Hallway view                                                                                                                                                                                                                                                                                                      |
| Intelligent Video Analytics       | Motion detection with metadata, Tampering                                                                                                                                                                                                                                                                                         |
| Alarm Triggers                    | Motion detection, Tampering detection, SD card error, NAS 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 960, 1280 x 720, 1024 x 768,<br>800 x 600, 720 x 576, 640 x 480, 320 x 240                                                                                                                                                                                                                                    |
| Max. Framerate                    | H.264 : Max. 30fps at all resolutions<br>MJPEG : Max. 1fps at 1920 x 1080, 1280 x 960, 1280 x 720, 1024 x 768,<br>Max. 15fps at other resolution                                                                                                                                                                                  |
| Video Quality Adjustment          | H.264 : Target bitrate level control, MJPEG : Quality level control                                                                                                                                                                                                                                                               |
| Bitrate Control Method            | H.264 : CBR or VBR, MJPEG : VBR                                                                                                                                                                                                                                                                                                   |
| Streaming Capability              | Multiple streaming (Up to 3 profiles)                                                                                                                                                                                                                                                                                             |
| Audio I/O                         | Built-in mic                                                                                                                                                                                                                                                                                                                      |
| Audio Compression Format          | G.711 u-law / G.726 selectable<br>G.726 (ADPCM) 8KHz, G.711 8KHz, G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps                                                                                                                                                                                                                          |
| Audio Communication               | Uni-directional audio                                                                                                                                                                                                                                                                                                             |
| IP                                | IPv4, IPv6                                                                                                                                                                                                                                                                                                                        |
| Protocol                          | TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour                                                                                                                                                       |
| Security                          | HTTPS(SSL) login authentication, Digest login authentication<br>IP address filtering, User access log, 802.1x authentication                                                                                                                                                                                                      |
| Streaming Method                  | Unicast / Multicast                                                                                                                                                                                                                                                                                                               |
| Max. User Access                  | 6 users at unicast mode                                                                                                                                                                                                                                                                                                           |
| Storage                           | micro SD/SDHC max. 32G, NAS<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, Croatian, Hungarian, Greek, Norwegian, Finnish                                                                                                                      |
| Web Viewer                        | Supported OS : Windows XP / VISTA / 7 / 8 / 8.1, MAC OS X 10.7 ~ 10.10<br>Supported Browser : Microsoft Internet Explorer (Ver. 8 ~ 11), Mozilla Firefox (Ver. 9 ~ 35), Google Chrome (Ver. 15 ~ 40), Apple Safari (Ver. 8.0.2(Mac OS X 10.10), 7.0.6(Mac OS X 10.9), 6.0.2 (Mac OS X 10.8, 10.7 only), 5.1.7)<br>* Mac OS X only |
| Central Management Software       | SmartViewer                                                                                                                                                                                                                                                                                                                       |
| <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, Class2)                                                                                                                                                                                                                                                                                                         |
| Power Consumption                 | Max. 5.4W                                                                                                                                                                                                                                                                                                                         |
| <b>MECHANICAL</b>                 |                                                                                                                                                                                                                                                                                                                                   |
| Color / Material                  | Ivory / Plastic                                                                                                                                                                                                                                                                                                                   |
| Dimensions (WxH)                  | Ø119.8 x 98.8mm (Ø4.72" x 3.89")                                                                                                                                                                                                                                                                                                  |
| Weight                            | 290g (0.64 lb)                                                                                                                                                                                                                                                                                                                    |

\* The latest product information / specification can be found at [www.samsungsecurity.com](http://www.samsungsecurity.com)