

# SND-L5083R

1.3Megapixel HD Network IR Dome Camera

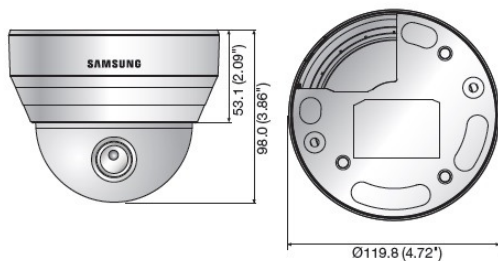


## Key Features

- Max. 1.3M (1280x1024) resolution
- 16 : 9 HD (720P) resolution support
- 3 ~ 10mm (3.3x) varifocal lens
- 30fps@all resolutions (H.264)
- H.264, MJPEG dual codec, Multiple streaming
- Motion detection, Tampering
- micro SD/SDHC memory slot, PoE
- IR Length 10m
- Hallway view support (Rotate 90°/270°)
- LDC support (Lens Distortion Control)

## Dimensions

Unit : mm (inch)



## SND-L5083RN/P

<b>VIDEO</b>	
Imaging Device	1/3" 1.37M CMOS
Total Pixels	1,312(H) x 1,069(V)
Effective Pixels	1,305(H) x 1,049(V)
Scanning System	Progressive
Min. Illumination	Color : 0.07Lux (1/30sec, F1.4, 50IRE), 0.001Lux (2sec, 50IRE) 0.02Lux (1/30sec, F1.4, 30IRE) B/W : 0Lux (IR LED on)
<b>LENS</b>	
Focal Length (Zoom Ratio)	3 ~ 10mm (3.3x) varifocal
Max. Aperture Ratio	F1.4
Angular Field of View	H : 82.0°(Wide) ~ 26.5°(Tele) / V : 59.7°(Wide) ~ 19.9°(Tele) / D : 96.6°(Wide) ~ 32.4°(Tele)
Min. Object Distance	0.5m (1.64ft)
Focus Control	Manual
Lens Type	DC iris
Mount Type	Board type
<b>PAN / TILT / ROTATE</b>	
Pan / Tilt / Rotate Range	0° ~ 354° / 0° ~ 67° / 0° ~ 355°
<b>OPERATIONAL</b>	
Viewable Length	10m (32.81ft)
Camera Title	Off / On (Displayed up to 15 characters)
Day & Night	True Day & Night
Backlight Compensation	Off / BLC
Wide Dynamic Range	DWDR (60dB)
Contrast Enhancement	SSDR (Samsung Super Dynamic Range) (Off / On)
Digital Noise Reduction	SSNR (Off / On)
Motion Detection	4ea rectangular zones
Privacy Masking	6ea rectangular zones
Gain Control	Off / Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
LDC (Lens Distortion Control)	Off / On (5 levels with min / max)
Electronic Shutter Speed	Minimum / Maximum / Anti flicker
Sens-up (Frame Integration)	2x ~ 16x
Flip / Mirror	Flip / Mirror / Hallway view
Intelligent Video Analytics	Motion detection with metadata, Tampering
Alarm Triggers	Motion detection, Tampering detection, SD card error
Alarm Events	File upload via FTP and E-mail, Notification via E-mail
<b>NETWORK</b>	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression Format	H.264, MJPEG
Resolution	1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 720 x 576, 640 x 480, 320 x 240
Max. Framerate	H.264 : Max. 30fps at all resolutions MJPEG : 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 720 x 576, 640 x 480, 320 x 240 : Max. 15fps
Video Quality Adjustment	H.264 : Target bitrate level control, MJPEG : Quality level control
Bitrate	1M 2.0Mbps
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 / G.726
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 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, 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 or higher, MAC OS X 10.7 or higher Supported Browser : Microsoft Internet Explorer (Ver. 8 ~ 10 or higher), Mozilla Firefox (Ver. 9 ~ 19 or higher), Google Chrome (Ver. 15 ~ 25 or higher), Apple Safari (Ver. 6.0.2 or higher (Mac OS X 10.8, 10.7 only), 5.1.7 or higher) * 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	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH
<b>ELECTRICAL</b>	
Input Voltage / Current	PoE
Power Consumption	Max. 7.0W
<b>MECHANICAL</b>	
Color / Material	Ivory / Plastic
Dimensions (WxH)	Ø119.8 x 98.0mm (Ø4.72" x 3.86")
Weight	300g (0.66 lb)

\* 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).

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