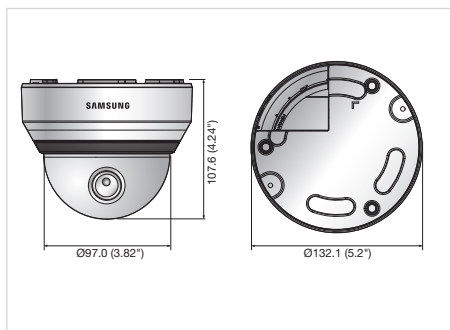


**Dimensions**

Unit : mm (inch)

**Accessories (Optional)****Specifications**

SND-6083N/P	
VIDEO	
Imaging Device	1/2.8" PS Exmor 2.38M CMOS
Total Pixels	1,952(H) x 1,116(V)
Effective Pixels	1,944(H) x 1,104(V)
Scanning System	Progressive
Min. Illumination	Color : 0.1Lux (F1.2, 50IRE), B/W : 0.1Lux (F1.2, 50IRE)
S / N Ratio	50dB
Video Output	CVBS : 1.0 Vp-p / 75Ω composite, 704 x 480(N), 704 x 576(P), for installation DIP connector type
LENS	
Focal Length (Zoom Ratio)	3 ~ 8.5mm (2.8x) varifocal
Max. Aperture Ratio	F1.2
Angular Field of View	H : 106.18°(Wide) ~ 37.1°(Tele) / V : 58.42°(Wide) ~ 20.94°(Tele)
Min. Object Distance	0.5m (1.64ft)
Focus Control	Manual
Lens Type	DC auto iris
Mount Type	Board-in type
PAN / TILT / ROTATE	
Pan / Tilt / Rotate Range	0° ~ 354° / 0° ~ 67° / 0° ~ 355°
OPERATIONAL	
Camera Title	Off / On (Displayed up to 45 characters)
Day & Night	Auto (Electrical) / Color / B/W / External / Schedule
Backlight Compensation	Off / BLC
Wide Dynamic Range	120dB
Contrast Enhancement	SSDR (Samsung Super Dynamic Range) (Off / On)
Digital Noise Reduction	SSNR III (2D+3D noise filter) (Off / On)
Digital Image Stabilization	Off / On
Defog	Off / Auto / Manual
Motion Detection	Off / On (4ea 4points polygonal zones)
Privacy Masking	Off / On (32zones with 4points of polygonal)
Gain Control	Off / Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2 ~ 1/12,000sec)
Flip / Mirror	Off / On
Intelligent Video Analytics	Tampering, Virtual line, Enter/Exit, Appear / Disappear, Audio detection, Face detection
Alarm I/O	Input 1ea / Output 1ea
Alarm Triggers	Motion detection, Audio detection, Face detection, Video analytics, Alarm input, Network disconnection
Alarm Events	File upload via FTP and E-mail, Notification via E-mail, TCP and HTTP, Local storage (SD/SDHC/SDXC) recording at Network disconnected & Event (Alarm triggers), External output
NETWORK	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression Format	H.264 (MPEG-4 part 10/AVC), MJPEG
Resolution	1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 800 x 450, 640 x 480, 640 x 360, 320 x 240, 320 x 180
Max. Framerate	H.264 : Max. 60fps at all resolutions MJPEG : 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768 : Max. 15fps 800 x 600, 800 x 450, 640 x 480, 640 x 360, 320 x 240, 320 x 180 : Max. 30fps
Video Quality Adjustment	H.264 : Compression level, Target bitrate level control, MJPEG : Quality level control
Bitrate Control Method	H.264 : CBR or VBR, MJPEG : VBR
Streaming Capability	Multiple streaming (Up to 10 profiles)
Audio I/O	Selectable (Mic in / Line in), Max output level : 1 Vrms Supply voltage : 3.3V DC (4mA), Input impedance : approx. 2K Ohm
Audio Compression Format	G.711 u-law / G.726 selectable, G.726 (ADPCM) 8KHz, G.711 8KHz
Audio Communication	G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps
IP	Bi-directional audio
Protocol	IPV4, IPV6
Security	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, RTPS, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour
Streaming Method	HTTP(S) login authentication, Digest login authentication
Max. User Access	IP address filtering, User access log, 802.1x authentication
Memory Slot	Unicast / Multicast
Application Programming Interface	15 users at unicast mode
Webpage Language	Micro SD/SDHC/SDXC
Web Viewer	Motion images recorded in the SDXC/SDHC/SD memory card can be downloaded
Central Management Software	ONVIF profile S, HTTP API v2.0, SVPN 1.2
ENVIRONMENTAL	English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek, Norwegian, Finnish, Norwegian
Operating Temperature / Humidity	Supported OS : Windows XP / VISTA / 7 / 8, MAC OS X 10.7
Storage Temperature / Humidity	Supported Browser : Microsoft Internet Explorer (Ver. 10, 9, 8, 7), Mozilla Firefox (Ver. 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9), Google Chrome (Ver. 25, 24, 23, 22, 21, 20, 19, 18, 17, 16, 15), Apple Safari (Ver. 6.0.2(Mac OS X 10.8, 10.7 only), 5.1.7) * Mac OS X only
ELECTRICAL	
Input Voltage / Current	SmartViewer, SSM
Power Consumption	-10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH, Absolute Maximum: 65°C (149°F), Sustained Maximum: 55°C (131°F)
MECHANICAL	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH
Color / Material	Ivory / Plastic
Dimensions (WxH)	Ø132.1 x 107.6mm (Ø5.2" x 4.24")
Weight	485g (1.07 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).

Design and specifications are subject to change without notice.



The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

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