

SND-5084/5083

1.3Megapixel HD Network Dome Camera



SND-5084

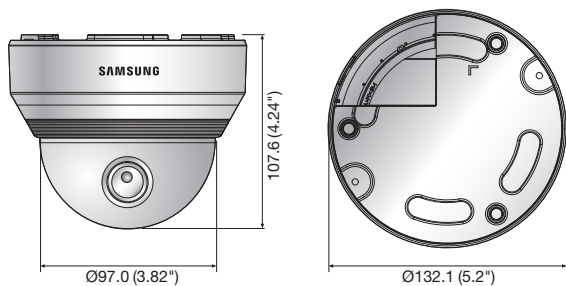
SND-5083

Key Features

- Max. 1.3M (1280 x 1024) resolution
- 16 : 9 HD (720p) resolution support
- 0.008Lux@F1.2 (Color), 0.002Lux@F1.2 (B/W)
- 3 ~ 8.5mm (2.8x) motorized varifocal lens : SND-5084
2.8 ~ 10mm (3.6x) varifocal lens : SND-5083
- Day & Night (ICR), WDR (130dB), Defog
- Simple focus (Motorized V/F), P-Iris : SND-5084
- SD/SDHC/SDXC memory slot
- PoE, IK8 (SND-5084), Bi-directional audio support

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-5084N/P	SND-5083N/P
VIDEO		
Imaging Device	1/3" 1.3M CMOS	
Total / Effective Pixels	1,312(H) x 1,069(V) / 1,305(H) x 1,049(V)	
Scanning System	Progressive	
Min. Illumination	Color : 0.05Lux (1/30sec, F1.2, 50IRE), 0.0008Lux (2sec, F1.2, 50IRE) 0.008Lux (1/30sec, F1.2, 30IRE) B/W : 0.005Lux (1/30sec, F1.2, 50IRE), 0.002Lux (1/30sec, F1.2, 30IRE)	
S / N Ratio	50dB	
Video Output	CVBS : 1.0Vpp / 75Ω composite, 720 x 480(N), 720 x 576(P), for installation, DIP connector type	
LENS		
Focal Length (Zoom Ratio)	3 ~ 8.5mm (2.8x) motorized varifocal	2.8 ~ 10mm (3.6x) varifocal
Max. Aperture Ratio	F1.2	
Angular Field of View	H : 93.3°(Wide) ~ 33.2°(Tele) / V : 73.7°(Wide) ~ 26.6°(Tele)	H : 94.6°(Wide) ~ 28.8°(Tele) / V : 68.4°(Wide) ~ 21.6°(Tele)
Min. Object Distance	0.5m (1.64ft)	
Focus Control	Simple focus (Motorized V/F) / Manual Remote control via network, Button control (Manual, Simple focus)	Manual
Lens Type	DC auto iris, P-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 40 characters)	
Day & Night	Auto (ICR) / Color / B/W / External / Schedule	
Backlight Compensation	Off / BLC	
Wide Dynamic Range	130dB	
Contrast Enhancement	SSDR (Samsung Super Dynamic Range) (Off / On)	
CAR (Color Aberration Reduction)	Off / Low / Middle / High	
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 4 points polygonal zones)	
Privacy Masking	Off / On (32 zones with 4 points 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, (Dis)Appear, Audio detection, Face detection	
Alarm I/O	Input 1ea / Output 1ea	
Alarm Triggers	Motion detection, Tampering, Audio detection, Face detecton, Video analytics, Alarm input, Network disconnection	
Alarm Events	File upload via FTP and E-mail, Notification via E-mail, Local storage (SD/SDHC/SDXC) or NAS recording at Event (Alarm triggers), External output	
NETWORK		
Ethernet	RJ-45 (10/100BASE-T)	
Video Compression Format	H.264 (MPEG-4 part 10/AVC), MJPEG	
Resolution	1280 x 1024, 1280 x 720P (HD), 1024 x 768, 800 x 600, 640 x 480, 320 x 240	
Max. Framerate	H.264 : Max. 60fps at all resolutions, MJPEG : Max. 30fps at all resolutions	
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 In	Selectable (Mic in / Line in), Max output level : 1 Vrms Supply voltage : 2.5V DC (4mA), Input impedance : approx. 2K Ohm	
Audio Out	Line out (3.5mm stereo mini jack)	
Audio Compression Format	G.711 u-law/G.726 selectable, G.726 (ADPCM) 8KHz, G.711 8KHz G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps	
Audio Communication	Bi-directional audio	
IP	IPv4, IPv6	
Protocol	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, IGMP, 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	15 users at unicast mode	
Edge Storage	SD/SDHC/SDXC - motion Images recorded in the SD/SDHC/SDXC memory card can be downloaded. NAS (Network Attached Storage)	
Application Programming Interface	ONVIF profile S, HTTP API (SUNAPI) 2.0, S/NP 1.2	
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 Supported Browser : Microsoft Internet Explorer (Ver. 11 ~ 8) Mozilla Firefox (Ver. 19 ~ 9) *Windows only Google Chrome (Ver. 25 ~ 15) *Windows only Apple Safari (Ver. 6.0.2(Mac OS X 10.8, 10.7 only), 5.1.7) * Mac OS X only	
Central Management Software	SmartViewer	
ENVIRONMENTAL		
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	
ELECTRICAL		
Input Voltage / Current	12V DC, PoE (IEEE802.3af, Class3)	
Power Consumption	Max. 9W (12V DC), Max. 11W (PoE, Class3)	
MECHANICAL		
Color / Material	Ivory / Plastic	
Dimensions (WxH)	Ø132.1 x 107.6mm (Ø5.2" x 4.24")	
Weight	525g (1.16 lb)	

* The latest product information / specification can be found at www.samsungsecurity.com