WiseNet III

SND-5084/5083

ONVIF

1.3Megapixel HD Network Dome Camera

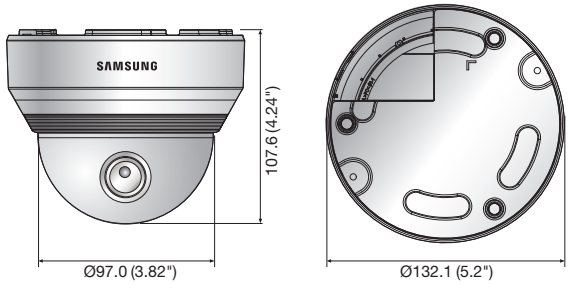
SND-5084 SND-5083

Key Features

- Max. 1.3M (1280 x 1024) resolution
- 16 : 9 HD (720p) resolution support
- 3 ~ 8.5mm (2.8x) motorized varifocal lens : SND-5084
  2.8 ~ 10mm (3.6x) varifocal lens : SND-5083
- H.264, MJPEG dual codec, Multiple streaming
- Day & Night (ICR), WDR (130dB)
- Simple focus, Enhanced DIS, Defog
- SD/SDHC/SDXC memory slot
- Multi-crop streaming
- PoE, Bi-directional audio support

Dimensions

Unit : mm (inch)



Accessories (Optional)

SBP-300B SBP-300PM

SHD-3000F SBP-301HM2 SBP-300LM SBP-300CM SBP-300WM1 SBP-300WM SBP-300KM

* 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 PS 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 : 0.05Lux (1/30sec, F1.2, 50IRE), 0.0008Lux (2sec, 50IRE) B/W : 0.005Lux (1/30sec, 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) 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 / Mount Type	DC auto iris / 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)	
Digital Noise Reduction	SSNRIII (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, Tampering, Audio detection, Face detecton, 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	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 : 1280 x 1024, 1280 x 720, 1024 x 768 : Max. 15fps 800 x 600, 640 x 480, 320 x 240 : 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 In	Selectable (Mic in / Line in), Built-in mic. 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, 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	15 users at unicast mode	
Memory Slot	Micro SD/SDHC/SDXC Motion images recorded in the SDXC/SDHC/SD memory card can be downloaded	
Application Programming Interfac	ONVIF profile S, HTTP API v2.0, SVNP 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, MAC OS X 10.7 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	
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	Ivory / Polycarbonate (PC)
Dimensions (WxH)	Ø132.1 x 107.6mm (Ø5.2" x 4.24")	
Weight	525g (1.16 lb)	500g (1.1 lb)

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