

WiseNet III 1.3M IR series

SND-5084R/SNV-5084R

1.3Megapixel HD Network IR Dome Camera

- Max. 1.3M (1280 x 1024) resolution
- 60fps@all resolutions
- 3 ~ 8.5mm (2.8x) motorized varifocal lens
- H.264/MJPEG dual codec, Multiple streaming
- Day & Night (ICR), WDR (130dB)
- Simple focus, P-iris, Enhanced DIS, Defog
- Multi-crop streaming
- micro SD/SDHC/SDXC memory slot
- IR LED (12ea)
- IP66, IK10 (SNV-5084R)



SND-5084R/SNV-5084R

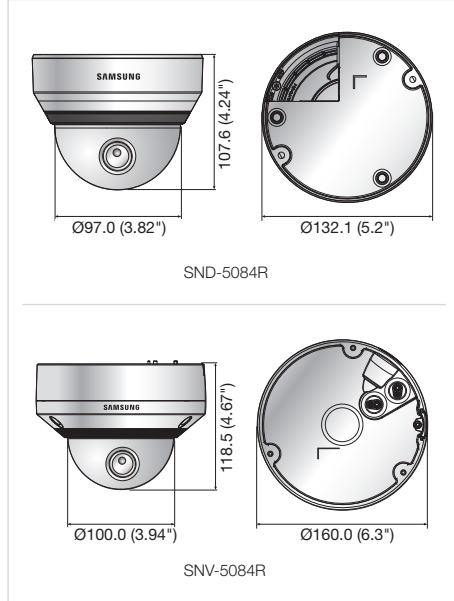


SND-5084R

SNV-5084R

Dimensions

Unit : mm (inch)



Accessory (Optional)



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

	SND-5084RN/P	SNV-5084RN/P
VIDEO		
Imaging Device	1/3" PS Exmor 1.37M CMOS (IMX238)	
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), 0.005Lux (1/30sec, F1.2, 30IRE) B/W : 0 Lux (IR LED on)	
S / N Ratio	50dB	
Video Output	CVBS : 1.0 Vpp / 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	
Max. Aperture Ratio	F1.2	
Angular Field of View	H : 93.4°(Wide) ~ 33.1°(Tele) / V : 73.8°(Wide) ~ 26.5°(Tele)	
Min. Object Distance	0.5m (1.64ft)	
Focus Control	Remote control via network : Simple focus (Motorized V/F) / Manual	
Lens / Mount Type	DC auto iris, P-Iris / Board-in type	
PAN / TILT / ROTATE		
Pan / Tilt / Rotate Range	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	
OPERATIONAL		
IR LED / Viewable Length	12ea / 30m (98.43ft)	
Camera Title	Off / On (Displayed up to 40 characters)	
Day & Night	Auto (ICR) / Color / B/W / External / Schedule	
Backlight Compensation	Off / BLC / WDR	
Wide Dynamic Range	130dB	
Contrast Enhancement	SSDR (Samsung Super Dynamic Range) (Off / On)	
Digital Noise Reduction	SSNR3 (2D+3D noise filter) (Off / On)	
Digital Image Stabilization	Off / On	
Defog	Off / Auto / Manual	
Motion Detection	Off / On (4 zones with 4-sided polygon)	
Privacy Masking	Off / On (32 zones with 4-sided polygon)	
Gain Control	Off / Low / Middle / High	
White Balance	ATW / AWC / Manual / Indoor / Outdoor	
Electronic Shutter Speed	Minimum / Maximum / Anti flicker	
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 detection, Video analytics, Network disconnection, Alarm input	
Alarm Events	File upload via FTP and E-mail, Notification via E-mail, TCP 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), Supply voltage : 2.5V DC (4mA), Input impedance : approx. 2K Ohm	Selectable (Mic in / Line in), Supply voltage : 2.5V DC (4mA), Input impedance : approx. 2K Ohm
Audio Out	Line out (3.5mm mono jack), Max output level : 1 Vrms	
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 / IP	Bi-directional audio / IPv4, IPv6	
Protocol	TCP/IP, UDP/IP, RTP(UDP), 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	
Edge Storage	micro SD/SDHC/SDXC - Motion images recorded in the SDXC/SDHC/SD memory card can be downloaded NAS (Network Attached Storage)	
Application Programming Interfac	ONVIF profile S, SUNAPI (HTTP API), 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, Finnish, Norwegian	
Web Viewer	Supported OS : Windows XP / VISTA / 7 / 8, MAC OS X 10.7 Supported Browser : Microsoft Internet Explorer (Ver. 10, 9, 8), 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, SSM (Samsung Security Manager)	
ENVIRONMENTAL		
Operating Temperature / Humidity	-10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH	-40°C ~ +55°C (-40°F ~ +131°F) / Less than 90% RH * Start up should be done at above -35°C
Storage Temperature / Humidity	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH	
Ingress Protection / Vandal Resistance	N/A / IP66 / IK10	
ELECTRICAL		
Input Voltage / Current	12V DC, PoE (IEEE802.3af)	12V DC, 24V AC, PoE (IEEE802.3af)
Power Consumption	Max. 10.5W	Max. 12.95W (Heater on), Max. 11W (Heater off)
MECHANICAL		
Color / Material	Ivory / Aluminum	
Dimensions (WxH) / Weight	Ø132.1 x 107.6mm (Ø5.2" x 4.24") / 585g (1.29 lb)	Ø160.0 x 118.5mm (Ø6.3" x 4.67") / 985g (2.17 lb)

Design and specifications are subject to change without notice.

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