

The Wise Choice for Professionals



SNV-7084

3Megapixel Vandal-Resistant Network Dome Camera

- 30fps@2,048 x 1,536 / 60fps@1,920 x 1,080
- Simple focus (Motorized VF)
- Day&Night (ICR), Enhanced DIS, Defog
- 3M real-time WDR (Max. 120dB)
- Color : 0.1Lux (F1.2, 50IRE)
B/W : 0.01Lux (F1.2, 50IRE)
- Built-in SD/SDHC/SDXC memory slot
- Multi-crop streaming, Heater by PoE
- IP66 / IK10

The SNV-7084 features the most advanced WiseNetIII functions from Samsung with 3 megapixel 1080p high definition images. Its high level of functionalities includes 120dB Wide Dynamic Range which delivers 30fps at 3 megapixel 1080p, and motorized varifocal lens which result in easy focus control. Rated to IP66/IK10, it can work effectively in more demanding environments that are prone to severe or varying weather conditions as well as tampering or physical attack.

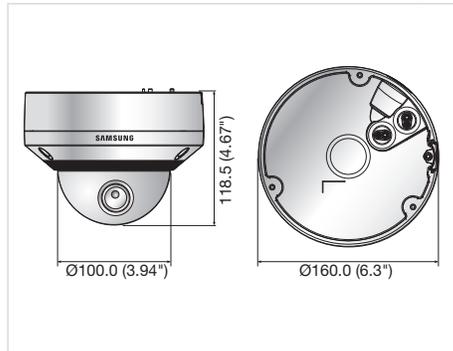


Key Features

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Dimensions

Unit : mm (inch)



Accessory (Optional)



SNV-7084N/P

VIDEO	
Imaging Device	1/2.8" PS Exmor 3.2M CMOS
Total Pixels	2,065(H) x 1,565(V)
Effective Pixels	2,065(H) x 1,553(V)
Scanning System	Progressive
Min. Illumination	Color : 0.1Lux (F1.2, 50IRE), 0.01Lux (30fps, 1sec, 50IRE), B/W : 0.01Lux (F1.2, 50IRE)
S / N Ratio	50dB
Video Output	CVBS : 1.0 Vp-p / 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
Max. Aperture Ratio	F1.2
Angular Field of View	H : 100.12°(Wide) ~ 35.38°(Tele) / V : 73.76°(Wide) ~ 26.58°(Tele)
Min. Object Distance	0.5m (1.64ft)
Focus Control	Simple focus / Manual, Remote control via network (Manual, Simple focus, Day & Night)
Lens Type / 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 45 characters)
Day & Night	Auto (ICR) / 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 (4 zones with 4 points polygonal)
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 (1 ~ 1/12,000sec)
Flip / Mirror	Off / On
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection with metadata
Alarm I/O	Input 1ea / Output 1ea
Alarm Triggers	Motion detection, Tampering, Audio detection, Face detection, Video analytics, Alarm input
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	2048 x 1536, 1920 x 1080, 1600 x 1200, 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. 30fps@2048 x 1536, Max 60fps@the other resolutions MJPEG : Max. 10fps@2048 x 1536, 1920 x 1080, 1600 x 1200, 1280 x 960, 1280 x 720, 1024 x 768 Max. 30fps@800 x 600, 800 x 450, 640 x 480, 640 x 360, 320 x 240, 320 x 180
Smart Codec	Built-in (Area-based : 5ea, Face detection mode)
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	Mic(Line)-in , Line-out (Mono, 1Vrms) 2.5V DC (4mA) powered 2K Ohm
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. 11, 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
ENVIRONMENTAL	
Operating Temperature / Humidity	-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	IP66 grade
Vandal Resistance	IK10
ELECTRICAL	
Input Voltage / Current	24V AC, 12V DC, PoE (IEEE802.3af class 3)
Power Consumption	Max. 9.0W / 11.5W (12V DC, Heater off / on), Max. 10.0W / 12.5W (PoE, Heater off / on) Max. 11.0W / 13.0W (24V AC, Heater off / on)
MECHANICAL	
Color / Material	Ivory / Aluminum
Dimensions (WxH)	$\varnothing 160.0$ x 118.5mm ($\varnothing 6.3$ " x 4.67")
Weight	1.32Kg (2.91 lb)