

SNV-7080R



3Megapixel Vandal-Resistant
Network IR Dome Camera

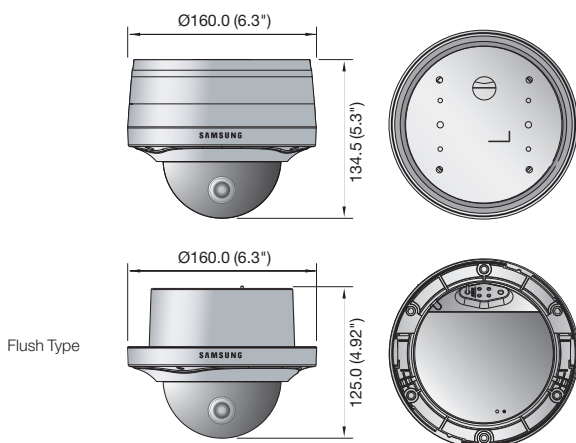


Key Features

- Max. 3M (2048 x 1536) resolution
- 16 : 9 Full HD (1080p) resolution support
- 3 ~ 8.5mm (2.8x) motorized varifocal lens
- H.264, MJPEG dual codec
- Multiple streaming
- Smart compression (ROI encoding)
- Intelligent video analytics
- PoE, SD memory, IP66, IK10
- Bi-directional audio support, IR LED (15ea)

Dimensions

Unit : mm (inch)



Accessories (Optional)



SBP-301HM3 SBP-300LM SBP-300CM SBP-300WM1 SBP-300WM SBP-300B SBP-300PM SBP-300KM

	SNV-7080RN/P
VIDEO	
Imaging Device	1/2.8" 3M PS CMOS
Total Pixels	2,144(H) x 1,588(V)
Effective Pixels	2,096(H) x 1,561(V)
Scanning System	Progressive
Min. Illumination	Color : 1Lux (F1.2, 50IRE), 0.017Lux (Sens-up 60x) B/W : 0Lux (F1.2, 50IRE, IR LED on)
S / N Ratio	50dB
Video Output	CVBS : 1.0Vp-p / 75Ω composite, 704 x 480(N), 704 x 576(P), for installation
LENS	
Focal Length (Zoom Ratio)	3 ~ 8.5mm (2.8x) motorized varifocal
Max. Aperture Ratio	F1.2
Angular Field of View	H : 100°(Wide) ~ 35.3°(Tele) / V : 74.6°(Wide) ~ 26°(Tele)
Min. Object Distance	0.5m (1.64ft)
Focus Control	Manual / One-shot AF (Remote control via network)
Lens Type	DC auto iris
Mount Type	Board-in type
PAN / TILT / ROTATE	
Pan Range	0° ~ 355°
Tilt Range	0° ~ 90°
Rotate Range	0° ~ 355°
OPERATIONAL	
IR LED	15ea
Viewable Length	25m (82.02ft)
Camera Title	Off / On (Displayed up to 15 characters)
Day & Night	Auto (ICR) / Color / B/W / External B/W
Backlight Compensation	Off / BLC / HLC / WDR
Wide Dynamic Range	Off / On (Full HD WDR) *2M mode only
Contrast Enhancement	SSDR (Samsung Super Dynamic Range) (Off / On)
Digital Noise Reduction	SSNR III (2D+3D noise filter) (Off / On)
Motion Detection	Off / On (4 programmable zones)
Privacy Masking	Off / On (1ea 4 point polygonal + 16ea rectangular zones)
Sens-up (Frame Integration)	Off / Auto (2x ~ 60x)
Gain Control	Off / Low / Medium / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
Electronic Shutter Speed	Auto / A.FLK / Manual (2M mode : 1/30 ~ 1/12,000sec, 3M mode : 1/20 ~ 1/12,000sec)
Flip / Mirror	Off / On
Intelligent Video Analytics	Scene change, Virtual line, Enter / Exit, Appear / Disappear
Alarm I/O	Input 1ea / Output 1ea (Relay)
NETWORK	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression Format	H.264, MJPEG
Resolution	3M mode - 2048 x 1536, 1920 x 1080P (Full HD), 1600 x 1200, 1280 x 1024, 1280 x 960, 1280 x 720P (HD), 1024 x 768, 800 x 600, 800 x 450, 640 x 480, 640 x 360, 320 x 240, 320 x 180 2M mode - 1920 x 1080P (Full HD), 1280 x 1024, 1280 x 960, 1280 x 720P (HD), 1024 x 768, 800 x 600, 800 x 450, 640 x 480, 640 x 360, 320 x 240, 320 x 180
Max. Framerate	3M mode - H.264 : Max. 20fps at all resolutions MJPEG : 800 x 600 ~ 320 x 180 - 20fps, 1280 x 1024 ~ 1920 x 1080 - 15fps 2048 x 1536 - 10fps 2M mode - H.264 : Max. 30fps at all resolutions (When WDR on, Max. framerate is Max. 15fps.) MJPEG : 800 x 600 ~ 320 x 180 - 30fps, 1280 x 1024 ~ 1920 x 1080 - 15fps
Smart Codec	Yes (Area based method, Face detection method)
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 6 profiles)
Audio I/O	Mic / Line in, Line out
Audio Compression Format	G.711 u-law
Audio Communication	Bi-directional audio
IP	IPv4, IPv6
Protocol	TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3 (MIB-2), ARP, DNS, DDNS, QoS
Security	HTTPS(SSL) login authentication, Digest login authentication IP address filtering, User access log, 802.1x authentication
Streaming Method	Unicast / Multicast
Max. User Access	10 users at unicast mode
Memory Slot	SD/SDHC memory slot
ONVIF Conformance	Yes (Profile S)
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, MAC OS Supported Browser : Internet Explorer 7.0/8.0, Firefox, Google Chrome, Apple Safari
Central Management Software	SmartViewer
ENVIRONMENTAL	
Operating Temperature / Humidity	24V AC : -40°C ~ +55°C (-40°F ~ +131°F) / Less than 90% RH (Heater on) 12V DC, PoE : -10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH (Heater off)
Ingress Protection	IP66
Vandal Resistance	IK10
ELECTRICAL	
Input Voltage / Current	12V DC, 24V AC, PoE (IEEE802.3af)
Power Consumption	Max. 9W (Heater off), Max. 13W (Heater on) * Heater works at AC input only
MECHANICAL	
Color / Material	Ivory / Aluminum
Dimensions (WxH)	Ø160.0 x 134.5mm (Ø6.3" x 5.3")
Weight	1.4Kg (3.09 lb)

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