

SNV-6084R

2Megapixel HD Vandal-Resistant Network IR Dome Camera

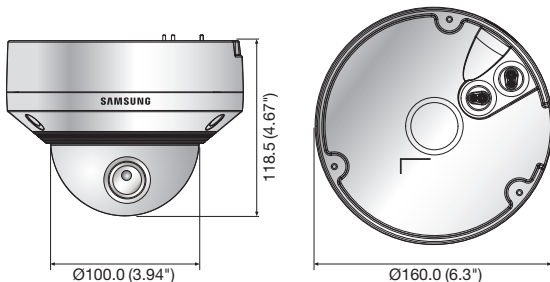


Key Features

- Max. 2M (1920 x 1080) resolution
- 16 : 9 Full HD (1080p) resolution support
- 3 ~ 8.5mm (2.8x) motorized varifocal lens
- H.264, MJPEG dual codec, Multiple streaming
- Audio / Face / Motion detection
- Simple focus, UPnP, Defog
- SD/SDHC/SDXC memory slot
- Multi-crop streaming, PoE, IP66, IK10
- Bi-directional audio support, IR LED (12ea)

Dimensions

Unit : mm (inch)



Accessories (Optional)



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

Technical Specifications

| | SNV-6084RN/P |
|----------------------------------|---|
| VIDEO | |
| Imaging Device | 1/2.8" PS Exmor 2.38M CMOS |
| Total Pixels | 1,952(H) x 1,116(V) |
| Effective Pixels | 1,944(H) x 1,104(V) |
| Scanning System | Progressive |
| Color | 0.1Lux (F1.2, 50IRE), B/W : 0Lux (F1.2, 50IRE, IR LED on) |
| Min. Illumination | 50dB |
| S / N Ratio | CVBS : 1.0 Vp-p / 75Ω composite, 704 x 480(N), 704 x 576(P), for installation |
| Video Output | 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 : 105.5°(Wide) ~ 37.1°(Tele) / V : 57.5°(Wide) ~ 21.0°(Tele) |
| Min. Object Distance | 0.5m (1.64ft) |
| Focus Control | Simple focus (Motorized V/F) / Manual Remote control via network (Manual, Simple focus, Day & Night) |
| Lens Type | DC auto iris |
| Mount Type | Board-in type |
| PAN / TILT / ROTATE | |
| Pan / Tilt / Rotate Range | 0° ~ 354° / 0° ~ 67° / 0° ~ 355° |
| OPERATIONAL | |
| IR LED | 12ea |
| Viewable Length | 15m (49.21ft) |
| 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 | 100dB+ |
| 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 (4ea 4points polygonal zones) |
| Privacy Masking | Off / On (32zones with 4points of polygonal) |
| Sens-up (Frame Integration) | Off / Auto (2x ~ 60x) |
| 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, 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 | 1920 x 1080, 1280 x 1024, 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. 60fps at all resolutions MJPEG : 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768 : Max. 15fps 800 x 600, 800 x 450, 640 x 480, 640 x 360, 320 x 240, 320 x 180 : 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 I/O | Selectable (Mic in / Line in), Max output level : 1 Vrms Supply voltage : 3.3V DC (4mA), Input impedance : approx. 2K Ohm G.711 u-law / G.726 selectable, G.726 (ADPCM) 8KHz, G.711 8KHz |
| Audio Compression Format | 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, HTTPS(SSL) login authentication, Digest login authentication |
| Security | 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 |
| Application Programming Interfac | Motion images recorded in the SDXC/SDHC/SD memory card can be downloaded ONVIF profile S, HTTP API v2.0, 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, Norwegian |
| 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 4.0 |
| ENVIRONMENTAL | |
| Operating Temperature / Humidity | 24V AC : -40°C ~ +55°C (-40°F ~ +131°F) / Less than 90% RH 12V DC, PoE : -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 |
| Ingress Protection | IP66 grade |
| Vandal Resistance | IK10 |
| ELECTRICAL | |
| Input Voltage / Current | 12V DC, 24V AC, PoE (IEEE802.3af) |
| Power Consumption | Max. 9.5W (Heater off), Max. 13.5W (24V AC - Heater on) |
| MECHANICAL | |
| Color / Material | Ivory / Aluminum |
| Dimensions (WxH) | Ø160.0 x 118.5mm (Ø6.3" x 4.67") |
| Weight | 960g (2.12 lb) |

* 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).

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