

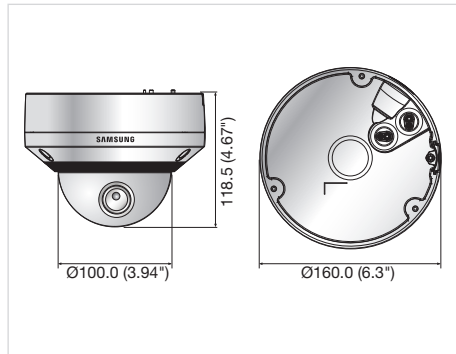


Key Features

- 30fps@2,048 x 1,536 / 60fps@1,920 x 1,080
- Simple focus (Motorized VF), P-Iris
- Day&Night (ICR), Enhanced DIS, Defog
- 3M real-time WDR (Max. 120dB)
- Color : 0.1Lux (F1.2, 50IRE)
B/W : 0Lux (IR LED on)
- Built-in SD/SDHC/SDXC memory slot
- Multi-crop streaming
- IP66 / IK10

Dimensions

Unit : mm (inch)



Accessory (Optional)



SNV-7084RN/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), 0.06Lux (F1.2, 30IRE) B/W : 0Lux (F1.2, 50IRE), 0Lux (F1.2, 30IRE) |
| 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 (Motorized V/F) / Manual, Remote control via network (Manual, Simple focus) |
| Lens Type / 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 | 12ea |
| Viewable Length | 25m (82.02ft) |
| Camera Title | Off / On (Displayed up to 45 characters) |
| Day & Night | Auto (ICR) / Color / B/W / External / Schedule |
| Backlight Compensation | Off / BLC / WDR |
| Wide Dynamic Range | 120dB |
| 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 (4 zones with 4 points polygonal) |
| Privacy Masking | Off / On (32zones 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, Network disconnection, Video analytics, Alarm input |
| Alarm Events | File upload via FTP and E-mail, Notification via E-mail, Local storage (SD/SDHC/SDXC) or NAS recording at event, 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 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. 30fps@2048 x 1536, Max 60fps@the other resolutions MJPEG : Max. 10fps@2048 x 1536 Max. 15fps@1920 x 1080, 1600 x 1200, 1280 x 1024, 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 | Manual mode (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 In | 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 | 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 |
| Edge Storage | micro SD/SDHC/SDXC |
| Application Programming Interfac | Motion images recorded in the SDXC/SDHC/SD memory card can be downloaded |
| Webpage Language | ONVIF profile S, HTTP API v2.0, SVN 1.2 |
| Web Viewer | English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek, Norwegian, Finnish |
| Central Management Software | SmartViewer |
| 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 / Vandal Resistance | IP66 / IK10 |
| ELECTRICAL | |
| Input Voltage / Current | 24V AC, 12V DC, PoE (IEEE802.3af class 3) |
| Power Consumption | Max. 10.5W (12V DC), Max. 11.5W (PoE), Max. 12.0W / 15.0W (24V AC, Heater off / on) * Heater works at AC power input only |
| MECHANICAL | |
| Color / Material | Ivory / Aluminum |
| Dimensions (WxH) | Ø160.0 x 118.5mm (Ø6.3" x 4.67") |
| Weight | 975g (2.15 lb) |