

The Wise Choice for Professionals



SNV-6084

2MP 1080p Full HD Vandal-Resistant Network Dome Camera

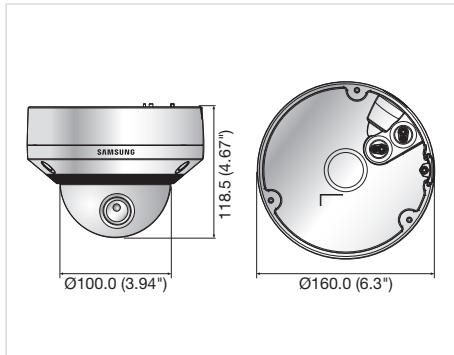
- Max. 2M (1920 x 1080) resolution, 1080p Full HD support
- 60fps@1080p Full HD, Simple focus
- 3 ~ 8.5mm (2.8x) motorized varifocal lens
- Day & Night (ICR), Enhanced DIS, Defog
- WDR (120dB, 30fps@2MP)
- Built-in micro SD/SDHC/SDXC memory slot
- Multi-crop streaming, IP66, IK10++

The SNV-6084 is a vandal-resistant dome camera from Samsung Techwin WiseNetIII network ranges, which feature the most advanced functions from Samsung with 2 megapixel 1080p high definition images. Its high level of functionalities includes 120dB WDR which delivers 30fps at 2 megapixel 1080p and motorized varifocal lens which result in easy focus control. With enhanced features and new technologies to combat the challenges of tough environmental conditions, the SNV-6084 will meet the professional security needs of the market. In addition, 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.



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.

SNV-6084N/P

| | |
|----------------------------------|---|
| VIDEO | |
| Imaging Device | 1/2.8" PS Exmor 2.38M CMOS |
| Total / Effective Pixels | 1,952(H) x 1,116(V) / 1,944(H) x 1,104(V) |
| Scanning System | Progressive |
| Min. Illumination | Color : 0.1Lux (1/30sec, F1.2, 50IRE), 0.0017Lux (2sec, F1.2, 50IRE), B/W : 0.01Lux (1/30sec, F1.2, 50IRE) |
| S / N Ratio | 50dB |
| Video Output | CVBS : 1.0Vpp / 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 : 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) |
| Lens / 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 | SSNR3 (2D+3D noise filter) (Off / On) |
| Digital Image Stabilization | Off / On |
| Defog | Off / Auto / Manual |
| Motion Detection | Off / On (4ea 4 points polygonal zones) |
| 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 |
| 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, 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 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 |
| Max. Framerate | |
| 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), Max output level : 1 Vrms Supply voltage : 2.5V DC (4mA), Input impedance : approx. 2K Ohm |
| Audio Out | Line out (3.5mm stereo mini jack) |
| 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 - Motion images recorded in the SDXC/SDHC/SD memory card can be downloaded |
| Application Programming Interfac | 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, Finnish, Norwegian 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 |
| Web Viewer | SmartViewer |
| 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 |
| Vandal Resistance | IK10 |
| ELECTRICAL | |
| Input Voltage / Current | 12V DC, 24V AC, PoE (IEEE802.3af) |
| Power Consumption | Max. 9.0W / 12.W (12V DC, Heater off / on), Max. 10.0W / 12.95W (PoE, Heater off / on) Max. 11.0W / 14.0W (24V AC, Heater off / on) |
| MECHANICAL | |
| Color / Material | Ivory / Aluminum |
| Dimensions (WxH) | Ø160.0 x 118.5mm (Ø6.3" x 4.67") |
| Weight | 985g (2.17 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).

Design and specifications are subject to change without notice.

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