

# SNV-6084

2M Vandal-Resistant Network Dome Camera

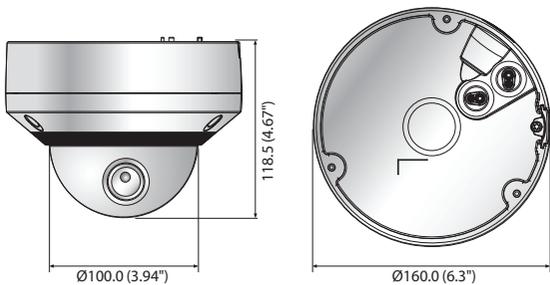


## Key Features

- Max. 2megapixel (1920 x 1080) resolution
- 0.03Lux@F1.2 (Color), 0.002Lux@F1.2 (B/W)
- 3 ~ 8.5mm (2.8x) motorized varifocal lens
- H.264, MJPEG dual codec, Multiple streaming
- Audio / Face / Motion detection
- Day & Night (ICR), WDR (120dB)
- Simple focus (Motorized V/F), P-Iris, Defog
- SD/SDHC/SDXC memory slot
- Multi-crop streaming, PoE, UPnP, IP66, IK10
- Bi-directional audio support

## Dimensions

Unit : mm (inch)



## Accessories (Optional)



\* 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).

## SNV-6084N/P

|                                   |   |
|-----------------------------------|---|
| <b>VIDEO</b>                      |   |
| Imaging Device                    | 1/2.8" 2.38M CMOS (IMX136)  |
| Total Pixels                      | 1,952(H) x 1,116(V)   |
| Effective Pixels                  | 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), 0.03Lux (F1.2, 30IRE)<br>B/W : 0.01Lux (1/30sec, F1.2, 50IRE), 0.002Lux (F1.2, 30IRE)   |
| S / N Ratio                       | 50dB  |
| Video Output                      | CVBS : 1.0Vpp / 75Ω composite, 720 x 480(N), 720 x 576(P), for installation<br>DIP connector type   |
| <b>LENS</b>                       |   |
| 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<br>Remote control via network (Manual, Simple focus)  |
| Lens / Mount Type                 | DC auto iris, P-Iris / Board-in type  |
| <b>PAN / TILT / ROTATE</b>        |   |
| Pan / Tilt / Rotate Range         | 0° ~ 354° / 0° ~ 67° / 0° ~ 355°  |
| <b>OPERATIONAL</b>                |   |
| 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 (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 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, (Dis)Appear, Audio detection, Face detection   |
| Alarm I/O                         | Input 1ea / Output 1ea  |
| Alarm Triggers                    | Motion detection, Tampering, Audio detection, Face detection,<br>Video analytics, Network disconnection, Alarm input  |
| Alarm Events                      | File upload via FTP and E-mail, Notification via E-mail,<br>Local storage (SD/SDHC/SDXC) or NAS recording at Event (Alarm triggers), External output  |
| <b>NETWORK</b>                    |   |
| 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,<br>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<br>MJPEG : 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768 : Max. 15fps<br>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 In                          | Selectable (Mic in / Line in), Max output level : 1 Vrms<br>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<br>G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps  |
| Audio Communication               | Bi-directional audio  |
| IP                                | IPv4, IPv6  |
| Protocol                          | TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTPCPTS, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP,<br>SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour   |
| Security                          | HTTPS(SSL) login authentication, Digest login authentication<br>IP address filtering, User access log, 802.1x authentication  |
| Streaming Method                  | Unicast / Multicast   |
| Max. User Access                  | 15 users at unicast mode  |
| Edge Storage                      | SD/SDHC/SDXC - Motion Images recorded in the SD/SDHC/SDXC memory card<br>can be downloaded. NAS (Network Attached Storage)  |
| Application Programming Interface | ONVIF profile S, HTTP API (SUNAPI) 2.0, S/NP 1.2  |
| Webpage Language                  | English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese,<br>Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch,<br>Croatian, Hungarian, Greek, Finnish, Norwegian  |
| Web Viewer                        | Supported OS : Windows XP / VISTA / 7 / 8 / 8.1, MAC OS X 10.7<br>Supported Browser : Microsoft Internet Explorer (Ver. 11 ~ 8)<br>Mozilla Firefox (Ver. 19 ~ 9) * Windows only<br>Google Chrome (Ver. 25 ~ 15) * Windows only<br>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   |
| <b>ENVIRONMENTAL</b>              |   |
| Operating Temperature / Humidity  | -40°C ~ +55°C (-40°F ~ +131°F) / Less than 90% RH<br>* Start up should be done at above -35°C (-31°F)   |
| Storage Temperature / Humidity    | -30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH   |
| Ingress Protection                | IP66  |
| Vandal Resistance                 | IK10  |
| <b>ELECTRICAL</b>                 |   |
| Input Voltage / Current           | 12V DC, 24V AC, PoE (IEEE802.3af)   |
| Power Consumption                 | Max. 12.95W (PoE - Heater on), Max. 14W (12V DC, 24V AC - Heater on)  |
| <b>MECHANICAL</b>                 |   |
| Color / Material                  | Ivory / Aluminum  |
| Dimensions (WxH)                  | Ø160.0 x 118.5mm (Ø6.3" x 4.67")  |
| Weight                            | 985g (2.17 lb)  |

\*The latest product information / specification can be found at [www.hanwha-security.com](http://www.hanwha-security.com)