

# SNO-5080R

1.3Megapixel HD Weatherproof Network IR Camera

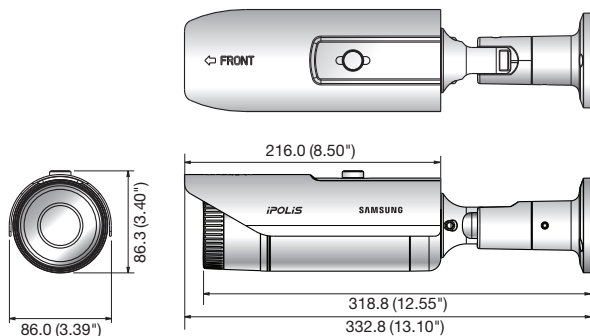


## Key Features

- Max. 1.3M (1280 x 1024) resolution
- 16 : 9 HD (720p) resolution support
- 2.8 ~ 10mm (3.6x) varifocal lens
- H.264, MPEG-4, MJPEG multiple codec
- Multiple streaming
- Intelligent video analytics
- IR LED (31ea), PoE, IP66, IK10

## Dimensions

Unit : mm (inch)



| SNO-5080RN/P                     |                                                                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>VIDEO</b>                     |                                                                                                                                                                                                              |
| Imaging Device                   | 1/3" 1.3M PS CMOS                                                                                                                                                                                            |
| Total Pixels                     | 1,384(H) x 1,076(V)                                                                                                                                                                                          |
| Effective Pixels                 | 1,329(H) x 1,049(V)                                                                                                                                                                                          |
| Scanning System                  | Progressive                                                                                                                                                                                                  |
| Min. Illumination                | Color : 0.3Lux (F1.2, 50IRE), 0.005Lux (Sens-up 60x)<br>B/W : 0Lux (F1.2, 50IRE, IR LED on)                                                                                                                  |
| S / N Ratio                      | 50dB                                                                                                                                                                                                         |
| Video Output                     | DIP connector type, 704 x 480(N), 704 x 576(P), for installation                                                                                                                                             |
| <b>LENS</b>                      |                                                                                                                                                                                                              |
| Focal Length (Zoom Ratio)        | 2.8 ~ 10mm (3.6x) varifocal                                                                                                                                                                                  |
| Max. Aperture Ratio              | F1.2                                                                                                                                                                                                         |
| Angular Field of View            | H : 94.6°(Wide) ~ 28.8°(Tele) / V : 68.4°(Wide) ~ 21.6°(Tele)                                                                                                                                                |
| Focus Control                    | Manual                                                                                                                                                                                                       |
| Lens Type                        | DC auto iris                                                                                                                                                                                                 |
| Mount Type                       | Board-in type                                                                                                                                                                                                |
| <b>OPERATIONAL</b>               |                                                                                                                                                                                                              |
| IR LED                           | 31ea                                                                                                                                                                                                         |
| Viewable Length                  | 30m (98.43ft)                                                                                                                                                                                                |
| Camera Title                     | Off / On (Displayed up to 15 characters)                                                                                                                                                                     |
| Day & Night                      | Auto (ICR) / Color / B/W                                                                                                                                                                                     |
| Backlight Compensation           | Off / BLC / HLC                                                                                                                                                                                              |
| 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 + 12ea rectangular zones)                                                                                                                                                    |
| Sens-up (Frame Integration)      | Off / Auto (2x ~ 60x)                                                                                                                                                                                        |
| Gain Control                     | Off / Low / Medium / High / Manual                                                                                                                                                                           |
| White Balance                    | ATW / AWC / Manual / Indoor / Outdoor                                                                                                                                                                        |
| Electronic Shutter Speed         | Auto / A.FLK / Manual (1/30 ~ 30,000sec)                                                                                                                                                                     |
| Flip / Mirror                    | Off / On                                                                                                                                                                                                     |
| Intelligent Video Analytics      | Tampering, Virtual line, Enter / Exit, Appear / Disappear                                                                                                                                                    |
| Alarm I/O                        | Input 1ea / Output 1ea (Relay)                                                                                                                                                                               |
| <b>NETWORK</b>                   |                                                                                                                                                                                                              |
| Ethernet                         | RJ-45 (10/100BASE-T)                                                                                                                                                                                         |
| Video Compression Format         | H.264, MPEG-4, MJPEG                                                                                                                                                                                         |
| Resolution                       | 1280 x 1024, 1280 x 720P (HD), 1024 x 768, 800 x 600, 640 x 480, 320 x 240                                                                                                                                   |
| Max. Framerate                   | H.264 : 30fps, MJPEG : 30fps (1280 x 1024, 720P (HD))                                                                                                                                                        |
| Video Quality Adjustment         | H.264, MPEG-4 : Compression level, Target bitrate level control<br>MJPEG : Quality level control                                                                                                             |
| Bitrate Control Method           | H.264, MPEG-4 : CBR or VBR, MJPEG : VBR                                                                                                                                                                      |
| Streaming Capability             | Multiple streaming (Up to 10 profiles)                                                                                                                                                                       |
| 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<br>IP address filtering, User access log, 802.1x authentication                                                                                 |
| Streaming Method                 | Unicast / Multicast                                                                                                                                                                                          |
| Max. User Access                 | 10 users at unicast mode                                                                                                                                                                                     |
| 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, Norwegian, Finnish |
| Web Viewer                       | Supported OS : Windows XP / VISTA / 7, MAC OS<br>Supported Browser : Internet Explorer 6.0/7.0/8.0, Firefox, Google Chrome, Apple Safari                                                                     |
| Central Management Software      | SmartViewer                                                                                                                                                                                                  |
| <b>ENVIRONMENTAL</b>             |                                                                                                                                                                                                              |
| Operating Temperature / Humidity | -10°C ~ +55°C (+14°F ~ +131°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. 11W                                                                                                                                                                                                     |
| <b>MECHANICAL</b>                |                                                                                                                                                                                                              |
| Color / Material                 | Dark gray / Metal                                                                                                                                                                                            |
| Dimensions (WxHxD)               | 86.0 x 86.3 x 332.8mm (3.39" x 3.40" x 13.10")                                                                                                                                                               |
| Weight                           | 1.3Kg (2.87 lb)                                                                                                                                                                                              |

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