

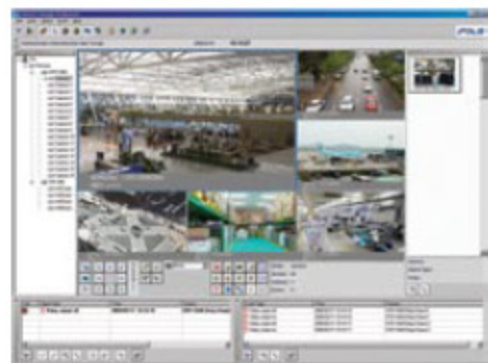
# High-Quality, Intelligent Network Dome Camera

# SND-560



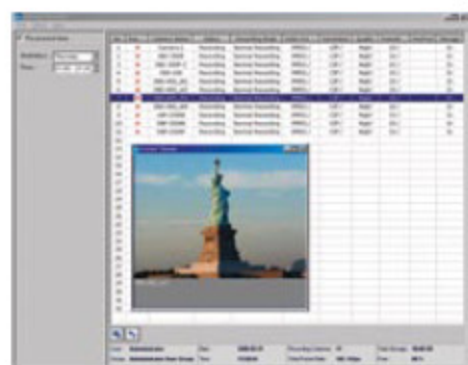
## Software

128 channels Network Monitoring Software



SNM-64S / 128S (Standard),  
SNM-64P / 128P (Optional)

32/16/19 channels Network Recording Software



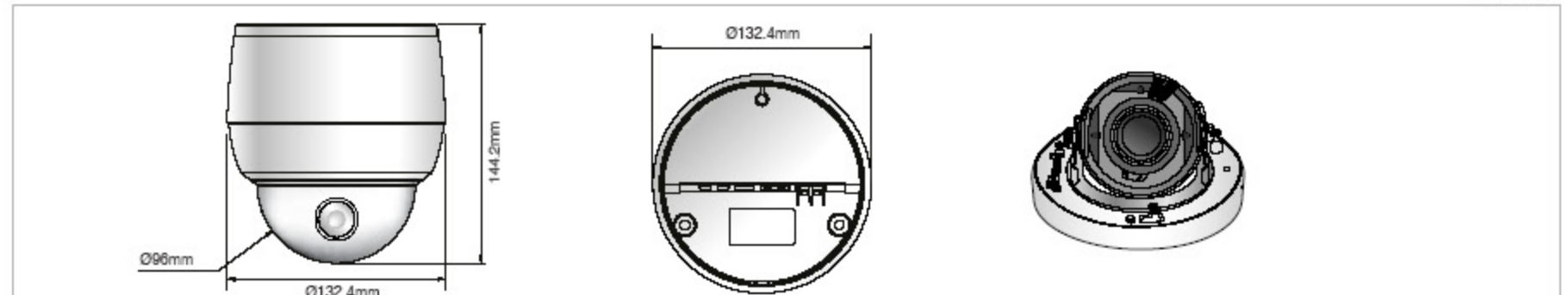
SNR-32A / 16A / 9A (Optional)

## Specifications

|                             | SND-560N                                                                                               | SND-560P                                                                                                                                                                               |
|-----------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Imaging Device              | 1/3" Vertical double density interline CCD                                                             |                                                                                                                                                                                        |
| Total Pixels                | 811 (H) x 508 (V)                                                                                      | 795 (H) x 596 (V)                                                                                                                                                                      |
| Effective Pixels            | 768 (H) x 494 (V)                                                                                      | 752 (H) x 582 (V)                                                                                                                                                                      |
| Scanning System             | 2 : 1 Interlace                                                                                        |                                                                                                                                                                                        |
| Frequency                   | H : 15.734 KHz / V : 59.94 Hz                                                                          | H : 15.625 KHz / V : 50.00 Hz                                                                                                                                                          |
| Horizontal Resolution       | Color : 560TV lines (Min.), B/W : 700 TV Lines (Min.)                                                  |                                                                                                                                                                                        |
| Min. Illumination           | Color : 0.3Lux (50 IRE@F1.2), 0.001Lux (Sens-up, 256X)<br>B/W : 0.01Lux (50 IRE@F1.2)                  |                                                                                                                                                                                        |
| S / N (Y signal)            | 52 dB                                                                                                  |                                                                                                                                                                                        |
| On Screen Display           | Built-in (Currently supported language : English, Spanish, French, German, Italian, Japanese, Chinese) |                                                                                                                                                                                        |
| Camera Title                | On / Off                                                                                               |                                                                                                                                                                                        |
| Day & Night                 | Auto (ICR) / Color / B/W                                                                               |                                                                                                                                                                                        |
| Backlight Compensation      | WDR / BLC / HLC / Off                                                                                  |                                                                                                                                                                                        |
| Dynamic Range               | 52 dB                                                                                                  |                                                                                                                                                                                        |
| Motion Detection            | On / Off (Output via communication)                                                                    |                                                                                                                                                                                        |
| Digital Image Stabilization | On / Off                                                                                               |                                                                                                                                                                                        |
| Privacy Masking             | On / Off (8 Programmable zones)                                                                        |                                                                                                                                                                                        |
| 3D Noise Filter (SSNRil)    | On / Off (Level adjustable)                                                                            |                                                                                                                                                                                        |
| Sens-up (Frame Integration) | Auto / Off (Selectable limit ~ 256X)                                                                   |                                                                                                                                                                                        |
| Gain Control                | High / Low / Off                                                                                       |                                                                                                                                                                                        |
| White Balance               | ATW / AWC / Manual / Indoor / Outdoor                                                                  |                                                                                                                                                                                        |
| Electronic Shutter Speed    | Auto (NTSC : 1/60 ~ 1/120,000 sec, PAL : 1/50 ~ 1/120,000) / Manual / A.FLK                            |                                                                                                                                                                                        |
| Zoom Ratio                  | 3.6X (Manual)                                                                                          |                                                                                                                                                                                        |
| Focal Length                | 2.8 ~ 10 mm (F1.2)                                                                                     |                                                                                                                                                                                        |
| Maximum Aperture Ratio      | 1 : 1.2 (Wide) ~ 2.8 (Tele)                                                                            |                                                                                                                                                                                        |
| Min. Object Distance        | 0.2 m (0.66 ft)                                                                                        |                                                                                                                                                                                        |
| Angular                     | Horizontal                                                                                             | 101.8° (Wide) to 28.6° (Tele)                                                                                                                                                          |
| Field of view               | Vertical                                                                                               | 74.3° (Wide) to 21.5° (Tele)                                                                                                                                                           |
| Focus                       | Manual                                                                                                 |                                                                                                                                                                                        |
| IRIS Control                | Auto                                                                                                   |                                                                                                                                                                                        |
| Panning Range               | 0° ~ 340°                                                                                              |                                                                                                                                                                                        |
| Tilting Range               | 0° ~ 146°                                                                                              |                                                                                                                                                                                        |
| Rotate Range                | ±175                                                                                                   |                                                                                                                                                                                        |
| Encoding                    | Resolution<br>Compression<br>Encode Rate                                                               | Up to 704 x 480<br>MPEG-4 / JPEG Dual Codec with Transcoder<br>Up to 30fps@704 x 480<br>Up to 704 x 576<br>Up to 25fps@704 x 576                                                       |
| Network                     | Transmission Speed<br>Max. Remote Users<br>Protocol Support<br>Video Analytics                         | Up to 100 Mbps<br>20 Simultaneously<br>RTP/UDP, RTP/Multicast, RTSP, TCP/IP, DHCP, DNS, DDNS, HTTP, SMTP, FTP, PPPoE and NTP<br>Object Detection (Appear/ Disappear), Motion Detection |
| Security                    | Password Protection                                                                                    | 5 User level                                                                                                                                                                           |
| Monitor                     | Output                                                                                                 | 1 BNC (560TV lines)                                                                                                                                                                    |
| Audio                       | Input<br>Output<br>Compression<br>Sampling Rate                                                        | 1 Line / MIC in, Mono, 1 Vpp, 5.6K ohm<br>1 Line out, 1 Vpp<br>ADPCM<br>8 KHz                                                                                                          |
| Alarm                       | Inputs<br>Outputs<br>Remote Notification                                                               | Terminal 1 input, NO/NC<br>Terminal 1 output, NO/NC<br>Via E-mail, Single or continuous FTP transmission                                                                               |
| Connections                 | Ethernet<br>OSD Control Interface                                                                      | RJ-45 10/100 Base-T<br>RS-485                                                                                                                                                          |
| Storage                     | SD(SDHC) Memory                                                                                        | Store and Back-up events                                                                                                                                                               |
| Input Voltage               | Dual (12V DC/ 24V AC), PoE (IEEE 802.3af)                                                              |                                                                                                                                                                                        |
| Power Consumption           | Max. 8.5 W                                                                                             | approx. Max. 8.5 W                                                                                                                                                                     |
| Operating Temperature       | -10°C ~ +50°C                                                                                          |                                                                                                                                                                                        |
| Operating Humidity          | 30% ~ 80% RH                                                                                           |                                                                                                                                                                                        |
| Dimension (W x H)           | Ø 132.4 x 144.2 mm (Ø 5.28" x 5.68")                                                                   |                                                                                                                                                                                        |
| Weight                      | approx. 900 g (1.96 lb)                                                                                |                                                                                                                                                                                        |
| Certifications              | FCC (Class A), cUL                                                                                     | CE (Class A)                                                                                                                                                                           |

## Dimensions

Unit : mm



Design and specifications are subject to change without notice.



The Ecomark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.



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