



SAMSUNG TECHWIN

**iPOLiS,**  
Your smart security solution



Outstanding detail with  
**HD** and **30x zoom**



## 1.3 Megapixel HD 30x Network PTZ Dome Camera **SNP-5300/5300H**



The SNP-5300/5300H is a PTZ dome camera that provides 30x zoom in HD resolution. It enables monitoring of a scene further away from the camera in more detail and with a higher image quality. In addition, its WDR (Wide Dynamic Range) function automatically produces clear images under strong backlight environments. The SNP-5300H includes an IP66 external housing with fan and heater that can withstand extreme temperature environments of -50 °C ~ +55 °C.

- Max. 1.3MP (1280x1024) resolution
- 16:9 HD (720p) resolution support
- Built-in 30x optical zoom lens (3.5 ~ 105mm)
- WDR (30fps, 90dB), UPnP support
- IP66 (SNP-5300H)

# 1.3 Megapixel HD 30x Network PTZ Dome Camera

## SNP-5300/5300H



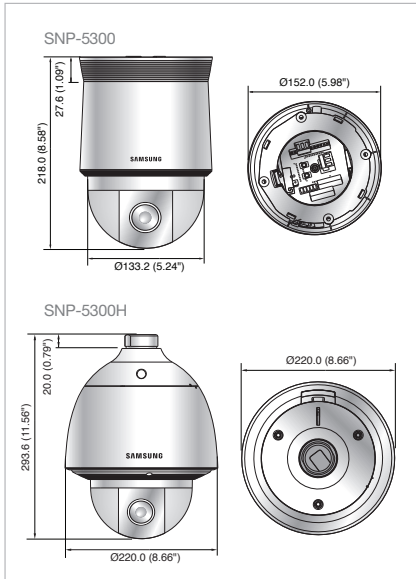
### Specifications

|                                  | SNP-5300  | SNP-5300H   |
|----------------------------------|---|---|
| <b>Video</b>                     |   |   |
| Imaging Device                   | 1/4-type Exmor CMOS   |   |
| Total Pixels / Effective Pixels  | 1392(H) x 1076(V) / 1368(H) x 1049(V)   |   |
| Scanning System                  | Progressive Scan  |   |
| Min. Illumination                | Color : 0.5Lux(50IRE), 0.2Lux(30IRE)/F1.35, BW : 0.03Lux(50IRE), 0.009Lux(30IRE)/F1.3   |   |
| <b>Lens</b>                      |   |   |
| Focal Length (Zoom Ratio)        | 3.5~105mm (30x)   |   |
| Max. Aperture Ratio              | F1.35(Wide) / F3.7(Tele)  |   |
| Angular Field of View            | H : 54.85°(Wide) ~ 2.00°(Tele) / V : 44.61°(Wide) ~ 1.6°(Tele)  |   |
| Min. Object Distance             | Indoor : 1.8m (5.90ft) / Outdoor : 1.7m(5.57ft)   |   |
| Focus Control                    | AF / One-Shot AF / Manual   |   |
| Lens Type / Mount Type           | DC Auto Iris / Board-in type  |   |
| <b>Operational</b>               |   |   |
| Camera Title                     | Off / On (Displayed up to 15 characters)  |   |
| Day & Night                      | Auto (ICR) / Color / B/W  |   |
| Backlight Compensation           | Off / BLC / WDR / HLC   |   |
| Wide Dynamic Range               | 90dB  |   |
| Contrast Enhancement             | SSDR (Samsung Super Dynamic Range) (Off / On)   |   |
| Digital Noise Reduction          | SSNR III (2D+3D Noise Filter) (Off / On)  |   |
| Digital Image Stabilization      | Off / On  |   |
| Motion Detection/Privacy Masking | Yes (4EA) / Off/On (12 Rectangle programmable zones)  |   |
| Sens-up (Frame Integration)      | Off / Auto (2x ~ 60x)   |   |
| Gain Control                     | Off / Low / Medium / High / Manual  |   |
| White Balance                    | AWC, Manual, Indoor, Outdoor, ATW (2,400°K ~ 11,000°K)  |   |
| Electronic Shutter Speed         | ESC / FLK / Manual (1/30 ~ 1/33,000)  |   |
| Digital Zoom / Flip/Mirror       | 12x / Off/On  |   |
| Intelligent Video Analytics      | Tampering, Virtual Line, Enter/Exit, Appear / Disappear, Audio Detection, Face Detection(5ea)   |   |
| Alarm I/O                        | Input 4ea / Output 2ea  |   |
| Alarm Triggers                   | Alarm Input, Motion Detection, Intelligent Video Analytics, Network Disconnect  |   |
| Alarm events                     | File upload via FTP, E-Mail / Notification via E-Mail and TCP / Local storage(SD/SDHC) recording at Network disconnected / External output/ PTZ preset  |   |
| <b>Network</b>                   |   |   |
| Ethernet                         | RJ-45 (10/100BASE-T)  |   |
| Video Compression Format         | H.264 (MPEG-4 Part 10/AVC), MJPEG   |   |
| Resolution                       | SXGA (1280x1024), 1280 x 960, HD (16:9, 1280x720p), 1024x768, SVGA (800x600), VGA (640x480), QVGA (320x240)   |   |
| Max. Frame rate                  | 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 I/O                        | Mic(Line)-in Selectable via UI, Line-out (Mono, 1Vrms)  |   |
| Audio Compression Format         | G.711 u-law, G.726  |   |
| Audio Communication / IP         | Bi-directional (2-Way) / 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, PIM-SM, UPnP  |   |
| Security                         | HTTPS(SSL) Login Authentication, Digest Login Authentication, IP Address Filtering, User access Log, 802.1X Authentication  |   |
| Streaming Method                 | Unicast / Multicast   |   |
| Max. User Access                 | 10 users at unicast mode  |   |
| Memory Slot / ONVIF Conformance  | SD/SDHC Memory Slot / Yes   |   |
| Webpage Language                 | English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek  |   |
| Web Viewer                       | Supported OS : Microsoft Windows 7 / VISTA / XP SP3, Apple MAC OS X<br>Supported Browser : Firefox, Google Chrome, *Apple Safari, Windows Internet Explorer 9.0(32bit)/8.0(32bit)/7.0(32bit)<br>* For Mac OS X, only the Safari browser is supported. |   |
| Central Management Software      | NET-i viewer  |   |
| <b>Environmental</b>             |   |   |
| Operating Temperature / Humidity | -10°C ~ +55°C (+14°F ~ +131°F) / 20% ~ 80% RH   | PoE+ : -30°C ~ +55°C / Less than 90% RH<br>24V AC : -50°C ~ +55°C (-58°F ~ +131°F) / Less than 90% RH |
| Ingress Protection               | IP66 (SNP-5300H only)   |   |
| <b>Electrical</b>                |   |   |
| Input Voltage / Current          | 24V AC, PoE+ (IEEE802.3at)  |   |
| Power Consumption                | 15W(AC24V), 13W(PoE+)   | 15W(AC24V/PoE+, Heater Off),<br>53W(AC24V Heater On), 25W(PoE+ Heater On)                             |
| <b>Mechanical</b>                |   |   |
| Color / Material                 | Ivory / Plastic   |   |
| Dimensions (WxH) / Weight        | Ø152.0 x 218 mm (Ø5.98" x 8.58") / 1.8kg (3.97lb)   | Ivory / Aluminum / Plastic Sun-Shield<br>Ø220.0 x 293.6 mm (Ø8.66" x 11.56") / 3.2kg (7.05lb)         |

Design and specifications are subject to change without notice.

### Dimensions

Unit : mm (inch)



### Accessories (Optional)



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

■ DISTRIBUTED BY



**SAMSUNG TECHWIN CO., LTD.** 701, Sampyeong-dong, Bundang-gu, Seongnam-si, Gyeonggi-do Korea 463-400  
Tel : +82-70-7147-8741-8749, 8752-8760 Fax : +82-31-8018-3745 www.samsungsecurity.com www.samsungcctv.com

**SAMSUNG TECHWIN AMERICA INC.**  
100 Challenger Rd, Suite 700 Ridgefield Park, NJ 07660  
Toll Free : +1-877-213-1222 Direct : +1-201-325-6920  
Fax : +1-201-373-0124 www.samsungcctvusa.com

**SAMSUNG TECHWIN EUROPE LTD.**  
2nd floor No.5 The height, Brookland, Weybridge,  
Surrey, U.K. KT13 0NY  
Tel : +44-1932-82-6700

**SHANGHAI SAMSUNG TECHWIN CO., LTD.**  
32F, Bk B, International Business Center,  
No.391 Guiping Rd., Shanghai, China, 200233  
Tel : +86-21-5427-1155 Fax : +86-21-5423-5122



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