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)

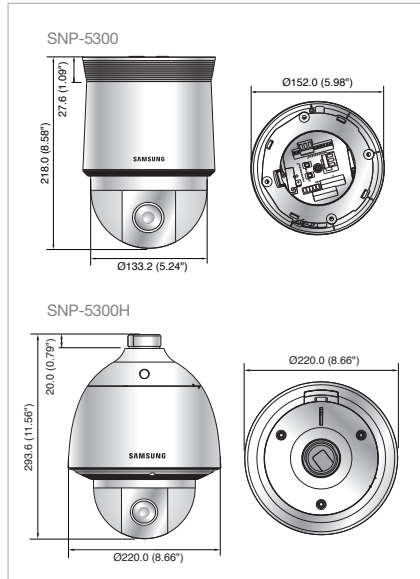# 1.3 Megapixel HD 30x Network PTZ Dome Camera

SNP-5300/5300H

1.3M | **30X Optical Zoom** | **WDR** | **D&N ICR** | **PoE⁺**

SNP-5300H

SNP-5300

Dimensions

Unit : mm (inch)

SNP-5300

27.6 (1.09")
218.0 (8.58")
Ø152.0 (5.98")
Ø133.2 (5.24")

SNP-5300H

20.0 (0.79")
293.6 (11.56")
Ø220.0 (8.66")
Ø220.0 (8.66")

Accessories (Optional)

(SNP-5300)
SBP-300HM3 | SBP-300LM | SBP-300CM | SBP-300WM1

SBP-300WM | SBP-300B | SBP-300PM | SBP-300KM

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

eco RoHS compliant

Specifications

	SNP-5300	SNP-5300H
Video		
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	
Lens		
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	
Pan / Tilt / Rotate		
Pan Range / Pan Speed	360° Endless / Preset : 500°/sec, Manual : 0.024°/sec ~120°/sec	
Tilt Range / Tilt Speed	210°(-15° ~195°) / Preset : 500°/sec, Manual : 0.024°/sec ~120°/sec	
Preset / Preset Accuracy	255ea / ±0.2°	
Operational		
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	SSNRIII (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	
Network		
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. Framerate	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-dierctional (2-Way) / IPv4, IPv6	
Protocol	TCP/IP, UDP/IP, RTP(TCP), RTP(UDP), 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 Supported Browser : Firefox, Google Chrome, *Apple Safari, Windows Internet Explorer 9.0(32bit)/8.0(32bit)/7.0(32bit) * For Mac OS X, only the Safari browser is supported.	
Central Management Software	NET-i viewer	
Environmental		
Operating Temperature / Humidity	-10°C ~+55°C (+14°F ~ +131°F) / 20% ~ 80% RH	PoE+ : -30°C ~+55°C / Less than 90% RH 24V AC : -50°C~+55°C (-58°F ~ +131°F) / Less than 90% RH
Ingress Protection	IP66 (SNP-5300H only)	
Electrical		
Input Voltage / Current	24V AC, PoE+ (IEEE802.3at)	
Power Consumption	15W(AC24V), 13W(PoE+)	15W(AC24/PoE+, Heater Off), 53W(AC24V Heater On), 25W(PoE+ Heater On)
Mechanical		
Color / Material	Ivory / Plastic	Ivory / Aluminum / Plastic Sun-Shield
Dimensions (WxH) / Weight	Ø152.0 x 218 mm (Ø5.98"x 8.58") /1.8kg (3.97lb)	Ø220.0 x 293.6 mm (Ø8.66" x 11.56") /3.2kg (7.05lb)

Design and specifications are subject to change without notice.

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