

SNP-5300/5300H



1.3Megapixel HD 30x Network PTZ Dome Camera



SNP-5300

SNP-5300H

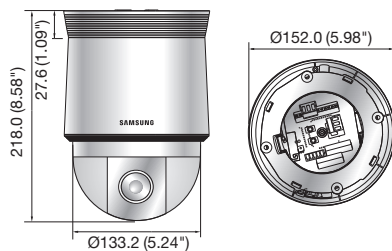
Key Features

- Max. 1.3M (1280 x 1024) resolution
- 16 : 9 HD (720p) resolution support
- 3.5 ~ 105mm (30x) optical zoom, 12x digital zoom
- H.264, MJPEG dual codec
- Multiple streaming, Intelligent video analytics
- PoE+, SD memory, Bi-directional audio support
- IP66 (SNP-5300H),
IK10 (SNP-5300+SHP-3701H : IK10 accessory housing)

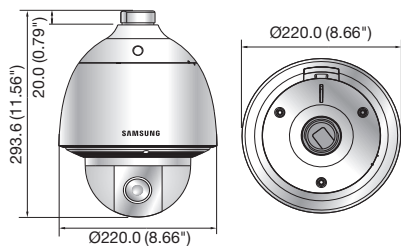
Dimensions

Unit : mm (inch)

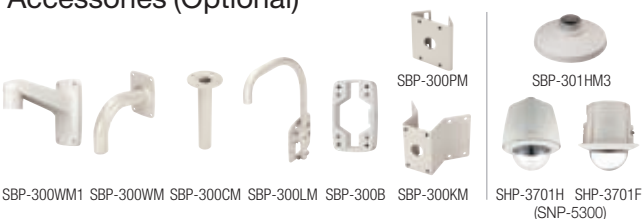
SNP-5300



SNP-5300H



Accessories (Optional)



SBP-300WM1 SBP-300WM SBP-300CM SBP-300LM SBP-300B SBP-300KM SHP-3701H SHP-3701F (SNP-5300)

	SNP-5300N/P	SNP-5300HN/HP
VIDEO		
Imaging Device	1/4" 1.3M Exmor CMOS	
Total Pixels	1,392(H) x 1,076(V)	
Effective Pixels	1,368(H) x 1,049(V)	
Scanning System	Progressive	
Min. Illumination	Color : 0.5Lux (50IRE), 0.2Lux (30IRE), F1.35 B/W : 0.03Lux (50IRE), 0.009Lux (30IRE), F1.35	
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	DC auto iris	
Mount Type	Board-in type	
PAN / TILT / ROTATE		
Pan Range	360° Endless	
Pan Speed	Preset : 500°/sec, Manual : 0.024°/sec ~ 120°/sec	
Tilt Range	210° (-15° ~195°)	
Tilt Speed	Preset : 500°/sec, Manual : 0.024°/sec ~ 120°/sec	
Preset	255ea	
Preset Accuracy	±0.2°	
OPERATIONAL		
Camera Title	Off / On (Displayed up to 15 characters)	
Day & Night	Auto (ICR) / Color / B/W	
Backlight Compensation	Off / BLC / HLC / WDR	
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	Yes (4ea)	
Privacy Masking	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	12x	
Flip / Mirror	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 and E-mail, Notification via E-mail, 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 (1280 x 1024), 1280 x 960, HD (16 : 9, 1280 x 720p), 1024 x 768, SVGA (800 x 600), VGA (640 x 480), QVGA (320 x 240)	
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	Bi-directional audio (2-way)	
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, 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	SD/SDHC memory slot	
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	
Web Viewer	Supported OS : Microsoft Windows 7/ VISTA / XP SP3, 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	SmartViewer	
ENVIRONMENTAL		
Operating Temperature / Humidity	-10°C ~ +55°C (+14°F ~ +131°F) / 20% ~ 80% RH	PoE+ : -30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH (Heater on) 24V AC : -50°C ~ +55°C (-58°F ~ +131°F) / Less than ~ 90% RH (Heater on)
Ingress Protection	N/A	IP66
Vandal Resistance	SNP-5300 only (When SNP-5300 + SHP-3701H : IK10 accessory housing)	
ELECTRICAL		
Input Voltage / Current	24V AC, PoE+ (IEEE802.3at)	
Power Consumption	PoE+ : Max. 13W, 24V AC : Max. 15W	PoE+, 24V AC : Max. 15W (Heater off), PoE+ : Max. 25W, 24V AC : Max. 53W (Heater on)
MECHANICAL		
Color / Material	Ivory / Plastic	Ivory / Aluminum, Plastic sun-shield
Dimensions (WxH)	Ø152.0 x 218.0mm (Ø5.98" x 8.58")	Ø220.0 x 293.6mm (Ø8.66" x 11.56")
Weight	1.8Kg (3.97 lb)	3.2Kg (7.05 lb)

* The latest product information / specification can be found at www.samsungsecurity.com