

SNP-6320H/6320

2Megapixel Full HD 32x Network PTZ Dome Camera



SNP-6320H

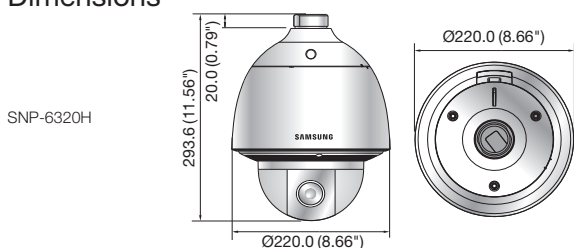
SNP-6320

Key Features

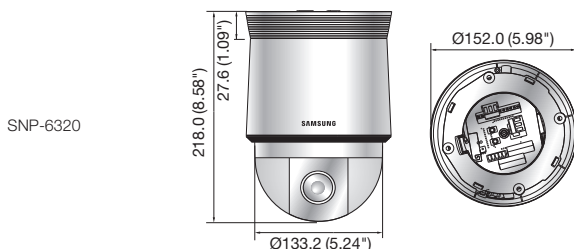
- Max. 2M (1920 x 1080) resolution
- 16 : 9 Full HD (1080p) resolution support
- 4.44 ~ 142.6mm (32x) optical zoom, 16x digital zoom
- H.264, MJPEG dual codec, Multiple streaming
- Day & Night (ICR), WDR (120dB)
- Auto tracking, Intelligent video analytics
- PoE+, SD/SDHC/SDXC memory slot, Bi-directional audio support
- IP66 / IK10 (SNP-6320H), IK10 (SNP-6320 + SHP-3701H only)

Dimensions

Unit : mm (inch)

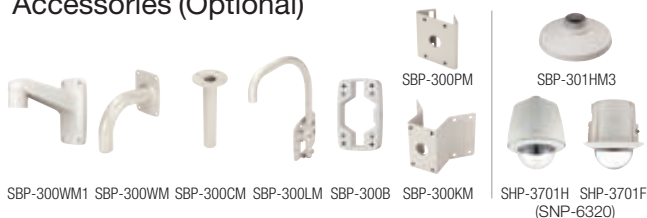


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Accessories (Optional)



SBP-300WM1 SBP-300WM SBP-300CM SBP-300LM SBP-300B SBP-300KM SHP-3701H SHP-3701F (SNP-6320)

* Data recorded on an SD memory card may be lost or damaged by data access during power-off, mechanical shock, memory card detachment, or other operations. Data loss or damage can also occur when a memory card reaches end of life, which varies according to operational conditions. No guarantee is given against damage (including passive damage).

	SNP-6320HN/HP	SNP-6320N/P
VIDEO		
Imaging Device	1/2.9" 2M CMOS	
Total / Effective Pixels	1,952(H) x 1,116(V), 2.18M pixels / 1,944(H) x 1,104(V), 2.14M pixels	
Scanning System	Progressive	
Min. Illumination	Color : 0.3Lux (1/30sec, F1.6, 50IRE) , 0.005Lux (2sec, F1.6, 50IRE) B/W : 0.03Lux (1/30sec, F1.6, 50IRE) , 0.0005Lux (2sec, F1.6, 50IRE) Color : 0.2Lux (1/30sec, F1.6, 30IRE) , 0.003Lux (2sec, F1.6, 30IRE) B/W : 0.01Lux (1/30sec, F1.6, 30IRE) , 0.0001Lux (2sec, F1.6, 30IRE)	
S / N Ratio	50dB	
Video Output	CVBS : 1.0Vpp / 75Ω composite, 720 x 480(N), 720 x 576(P), for installation	
LENS		
Focal Length (Zoom Ratio)	4.44 ~ 142.6mm (Optical 32x)	
Max. Aperture Ratio	F1.6(Wide) / F4.4(Tele)	
Angular Field of View	H : 62.8°(Wide) ~ 2.23°(Tele) / V : 36.8°(Wide) ~ 1.26°(Tele)	
Min. Object Distance	Wide : 1.4m (4.59ft), Tele : 1.9m (6.23ft) Wide : 1.5m (4.92ft), Tele : 2m (6.56ft)	
Focus Control	Auto / Manual / One push	
Lens / Mount Type	DC auto iris / Board-in type	
PAN / TILT / ROTATE		
Pan / Tilt Range	360° Endless / 210° (-15° ~195°)	
Pan / Tilt Speed	Preset : 700°/sec, Manual : 0.024°/sec ~ 120°/sec	
Preset / Preset Accuracy	255ea / ±0.2°	
Auto Tracking	Off / On	
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	120dB	
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	
Defog	Off / Auto / Manual	
Motion Detection	Off / On (4ea rectangle zone)	
Privacy Masking	Off / On (32 zones of rectangle zone)	
Gain Control	Off / Low / Middle / High	
White Balance	ATW / AWC / Manual / Indoor / Outdoor / Mercury / Sodium	
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2 ~ 1/12,000sec)	
Digital Zoom	16x	
Flip / Mirror	Off / On	
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	
Alarm I/O	Input 4ea / Output 2ea (Relay)	
Remote Control Interface	RS-485	
RS-485 Protocol	Samsung-T/E, Pelco-P/D, Sungjin, Panasonic, Honeywell, AD, Vicon, Bosch, GE	
Alarm Triggers	Motion detection, Tampering, Audio detection, Face detection, Video analytics, Alarm input, Network disconnection	
Alarm Events	File upload via FTP and E-mail, Notification via E-mail, TCP and HTTP, Local storage (SD/SDHC/SDXC) or NAS recording at network disconnected & event (Alarm triggers), External output	
NETWORK		
Ethernet	RJ-45 (10/100BASE-T)	
Video Compression Format	H.264 (MPEG-4 part 10 / AVC), MJPEG	
Resolution	1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 800 x 450, 640 x 480, 640 x 360, 320 x 240, 320 x 180	
Max. Framerate	H.264 : Max. 60fps at all resolutions MJPEG : 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768 : Max. 15fps 800 x 600, 800 x 450, 640 x 480, 640 x 360, 320 x 240, 320 x 180 : Max. 30fps	
Smart Codec	Manual mode (Area-based : 5ea), Face detection mode	
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 In	Selectable (Mic in / Line in), Supply voltage : 2.5V DC (4mA), Input impedance : approx. 2K Ohm	
Audio Out	Line out (3.5mm mono jack), Max output level : 1 Vrms G.711 u-law/G.726 selectable, G.726 (ADPCM) 8KHz, G.711 8KHz, G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps	
Audio Compression Format	Bi-directional audio	
Audio Communication	IP	
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, Bonjour	
Security	HTTPS(SSL) login authentication, Digest login authentication IP address filtering, User access log, 802.1x authentication	
Streaming Method	Unicast / Multicast	
Max. User Access	15 users at unicast mode	
Edge Storage	SD/SDHC/SDXC (SNP-6320 : micro SD type, SNP-6320H : SD type) Motion Images recorded in the SD/SDHC/SDXC memory card can be downloaded NAS (Network Attached Storage)	
Application Programming Interface	ONVIF profile S, SUNAPI, S/NP 1.2	
Webpage Language	English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek, Finnish, Norwegian	
Web Viewer	Supported OS : Windows XP / VISTA / 7 / 8 / 8.1, MAC OS X 10.7 / 10.8 Supported Browser : Microsoft Internet Explorer (Ver. 8 ~ 11), Mozilla Firefox (Ver. 9 ~ 19), Google Chrome (Ver. 15 ~ 32), Apple Safari (Ver. 6.0.2(Mac OS X 10.8, 10.7 Only), 5.1.7) * Mac OS X only	
Central Management Software	SmartViewer, SSM	
ENVIRONMENTAL		
Operating Temperature / Humidity	24V AC : -50°C ~ +55°C (-58°F ~ +131°F) / Less than ~ 90% RH PoE+ : -30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH	
Storage Temperature / Humidity	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH	
Ingress Protection / Vandal Resistance	IP66 / IK10 N/A / IK10 (With SHP-3701H)	
ELECTRICAL		
Input Voltage / Current	24V AC, PoE+ (IEEE802.3at class3)	
Power Consumption	Max. 24W (Heater off), Max. 65W (Heater on, 24V AC) Max. 20W	
MECHANICAL		
Color / Material	Ivory / Plastic + Metal	
Dimensions (WxH)	Ø220.0 x 293.6mm (Ø8.66" x 11.56") Ø152.0 x 218.0mm (Ø5.98" x 8.58")	
Weight	3.3Ka (7.28 lb) 2.2Ka (4.85 lb)	

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