

SNP-6320H/6320



2Megapixel Full HD 32x Network PTZ Dome Camera



SNP-6320H



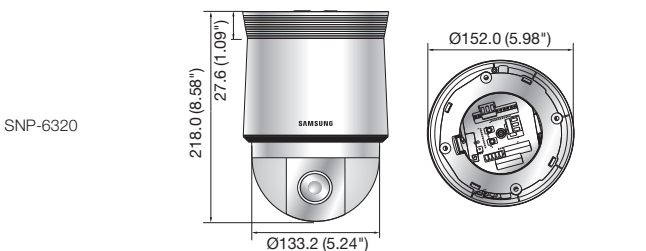
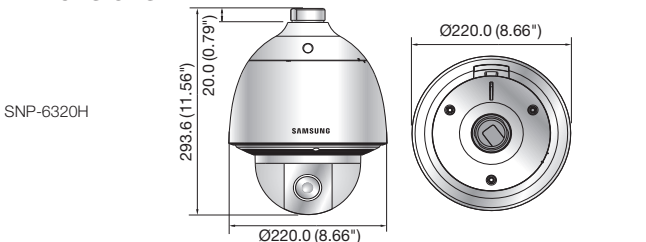
SNP-6320

Key Features

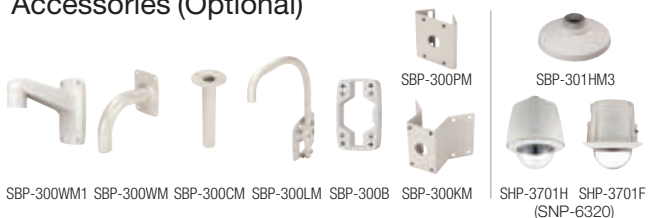
- Max. 2M (1920 x 1080) resolution
- 16 : 9 Full HD (1080p) resolution support
- 4.44 ~ 142.6mm (32x) optical zoom, 16x digital zoom
- H.264, MJPEG dual codec, Multiple streaming
- Day & Night (ICR), WDR (120dB)
- Auto tracking, Intelligent video analytics
- PoE+, SD/SDHC/SDXC memory slot, Bi-directional audio support
- IP66 / IK9 (SNP-6320H), IK10 (SNP-6320 + SHP-3701H only)

Dimensions

Unit : mm (inch)



Accessories (Optional)



* 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), B/W : 0.03Lux (1/30sec, F1.6, 50IRE) | |
| S / N Ratio | 50dB | |
| Video Output | CVBS : 1.0Vpp / 75Ω composite, 704 x 480(N), 704 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 | SSNRIII (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 H.264 : Max. 60fps at all resolutions | |
| Max. Framerate | 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 | |
| Audio Compression Format | G.711 u-law/G.726 selectable, G.726 (ADPCM) 8KHz, G.711 8KHz, G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps | |
| Audio Communication | Bi-directional audio | |
| 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) NAS (Network Attached Storage) | |
| Application Programming Interface | ONVIF profile S, SUNAPI, SVNP 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 | IP66 | |
| Vandal Resistance | IK9 | |
| ELECTRICAL | | |
| Input Voltage / Current | 24V AC, PoE+ (IEEE802.3at class3) | |
| Power Consumption | Max. 24W (Heater off), Max. 65W (Heater on, 24V AC) | |
| 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 | 3.3Kg (7.28 lb) 2.2Kg (4.85 lb) | |
| * The latest product information / specification can be found at www.samsungsecurity.com | | |