

SNP-6321H/6321

2M Full HD 32x Network PTZ Dome Camera



SNP-6321H



SNP-6321

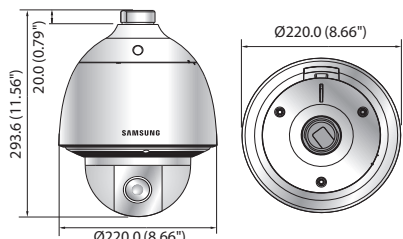
Key Features

- Max. 2Megapixel (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), Intelligent video analytics
- PoE+, SD / SDHC / SDXC memory slot, Bi-directional audio Support
- IP66 / IK10 (SNP-6321H), IK10 (SNP-6321 + SHP-3701H only)

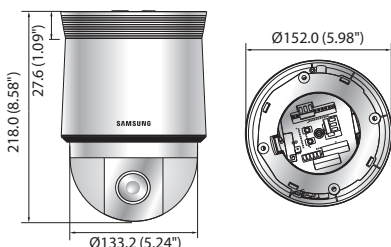
Dimensions

Unit : mm (inch)

SNP-6321H



SNP-6321



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-6321HN/HP | SNP-6321N/P |
|--|---|-------------|
| VIDEO | | |
| Imaging Device | 1/2.8" 2.38M 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 : 0.3 Lux (1/30sec, F1.6, 50IRE, AGC High) , 0.005 Lux (2sec, F1.6, 50IRE, AGC High) B/W : 0.03 Lux (1/30sec, F1.6, 50IRE, AGC High), 0.0005 Lux (2sec, F1.6, 50IRE, AGC High) Color : 0.15 Lux (1/30sec, F1.6, 30IRE), 0.0025 Lux (2sec, F1.6, 30IRE) B/W : 0.015 Lux (1/30sec, F1.6, 30IRE), 0.00025 Lux (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 : 1.5m (4.92ft), 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 (~ 300°/sec with Adjustable FW) | |
| Sequence | Preset (255ea), Swing, Group (6ea), Trace, Tour (1ea), Auto run, Schedule | |
| Preset Accuracy | ±0.2° | |
| Azimuth | Yes (E / W / S / N / NE / NW / SE / SW) | |
| OPERATIONAL | | |
| Camera Title | Off / On (Displayed up to 45 Characters) | |
| Day & Night | Auto (ICR) / Color / B/W | |
| Backlight Compensation | Off / BLC / WDR | |
| Wide Dynamic Range | 120dB | |
| Contrast Enhancement | SSDR (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) with zoom threshold mosaic option | |
| Gain Control | Off / Low / Middle / High | |
| White Balance | ATW / AWC / Manual / Indoor / Outdoor / Mercury | |
| 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, 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 (10/100 BASE-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, 720 x 576, 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, 720 x 576, 640 x 480, 640 x 360, 320 x 240, 320 x 180 : Max. 30fps | |
| Smart Codec | Yes | |
| 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 : 1Vrms | |
| Audio Compression Format | G.711 u-law/G.726 Selectable, G.726 (ADPCM) 8KHz, G.711 8KHz, G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps, AAC-LC : 48Kbps at 16 KHz with Adjustable FW | |
| Audio Communication | with adjustable FAW | |
| IP | Bi-directional Audio | |
| Protocol | IPv4, IPv6 TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP | |
| Security | SMTP, ICMP, IGMP, SNMPv1/v2c/v3 (MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour HTTPS (SSL) Login Authentication, Digest Login Authentication | |
| Streaming Method | IP address filtering, User access log, 802.1x Authentication | |
| Max. User Access | Unicast / Multicast 10 Users at Unicast Mode | |
| Edge Storage | SD / SDHC / SDXC Slot for Supporting Memory Card Motion Images Recorded in the SD / SDHC / SDXC Memory Card can be Downloaded | |
| Application Programming Interface | NAS (Network Attached Storage) | |
| Webpage Language | ONVIF profile S, SUNAPI (HTTP API), SVNP 1.2, Wisenet Open Platform 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, MAC OS X 10.7 Supported Browser : Microsoft Internet Explorer (Ver. 8 ~ 11), Mozilla Firefox (Ver. 9 ~ 19), Google Chrome (Ver. 15 ~ 25), Apple Safari (Ver. 6.0.2 (Mac OS X 10.8, 10.7 only), 5.1.7) | |
| Central Management Software | * Mac OS X only 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 ±10%, PoE+ (IEEE802.3at, Class4) | |
| Power Consumption | 24V AC : Max. 65W (24V AC heater on & PoE heater on) PoE+ : Max. 25W (24V AC heater off / PoE heater on) 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 | 3.2Kg (7.05 lb) 1.8Kg (3.97 lb) | |

* The latest product information / specification can be found at hanwha-security.com
* Design and specifications are subject to change without notice.