

2MP Full HD Clear Image & 360° Pan Tilt Zoom

The SNP-6201/6201H is a compact PTZ dome camera which provides 20x images in Full HD resolution. The high resolution 20x optical zoom makes it possible to identify persons approximately 180 meters (55 feet) away. Now operators can get detailed and higher quality image from distance. Its intelligent video analytics function includes Tampering, Virtual Line, Enter/Exit, Appear/Disappear to help capture evidence more efficiently. The SNP-6201/6201H can be installed both indoor and outdoor wherever it requires a wide range coverage. The SNP-6201H, housing PTZ dome camera, withstands demanding environment with heater by POE+.

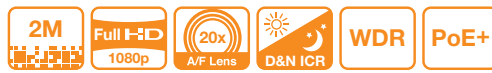
SNP-6201/6201H

2MP Full HD 20x Compact Network PTZ Camera

- 2MP Full HD resolution
- Built-in 20x optical zoom lens (4.45 ~ 89mm)
- 30fps@1080p
- Day & Night (ICR)
- Intelligent video analytics
 - : Face and audio detection, Tampering
- IP66 (SNP-6201H)
- IK10 (SNP-6201+SHP-3701H : IK10 accessory housing)



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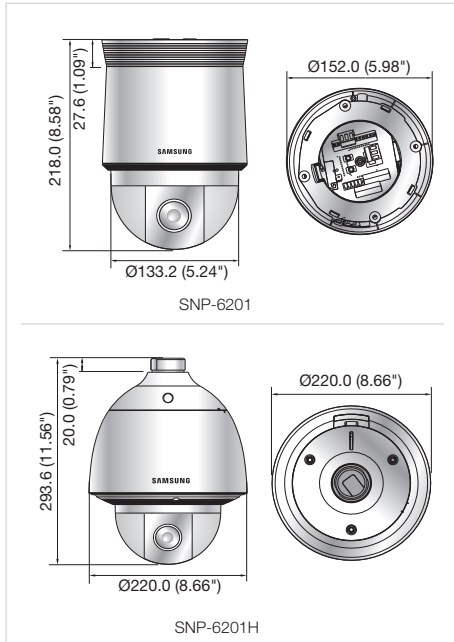


SNP-6201

SNP-6201H

Dimensions

Unit : mm (inch)



Accessories (Optional)



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

Specifications

| | SNP-6201N/P | SNP-6201HN/HP |
|----------------------------------|--|--|
| VIDEO | | |
| Imaging Device | 1/3" 2M PS CMOS | |
| Total Pixels | 2,010(H) x 1,108(V), 2.2M pixels | |
| Effective Pixels | 1,944(H) x 1,092(V), 2.1M pixels | |
| Scanning System | Progressive | |
| Min. Illumination | Color : 1.5Lux (F1.6, 50IRE), B/W : 0.1Lux (F1.6, 50IRE) | |
| S / N Ratio | 50dB | |
| Video Output | CVBS : 1.0 Vp-p / 75Ω composite, 704 x 480(N), 704 x 576(P), for installation | |
| LENS | | |
| Focal Length (Zoom Ratio) | 4.45 ~ 89mm (20x) | |
| Max. Aperture Ratio | F1.6(Wide) / F2.9(Tele) | |
| Angular Field of View | H : 63°(Wide) ~ 3.49°(Tele) / V : 37°(Wide) ~ 1.99°(Tele) | |
| Min. Object Distance | 1m (3.28ft) | |
| Focus Control | Auto / Manual / One shot | |
| Lens Type | DC auto iris | |
| Mount Type | Board-in type | |
| PAN / TILT / ROTATE | | |
| Pan / Tilt Range | 360° Endless / 210° (-15° ~195°) | |
| Pan / Tilt Speed | 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 / HLC / WDR | |
| Wide Dynamic Range | 60dB | |
| Contrast Enhancement | SSDR (Samsung Super Dynamic Range) (Off / On) | |
| Digital Noise Reduction | SSNR III (2D+3D noise filter) (Off / Low / Medium / High) | |
| Digital Image Stabilization | Off / On | |
| Motion Detection | Yes (4ea) | |
| Privacy Masking | Off / On (12 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 | 8x | |
| 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 | |
| Remote Control Interface | RS-485/422 | |
| RS-485 Protocol | Samsung-T/E, Pelco-P/D, Panasonic, Honeywell, AD, Vicon, Bosch, GE | |
| 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 | 1920 x 1080P (Full HD), 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. Frame rate | Max. 30fps at all resolutions * When WDR on, Max. frame rate is max. 15fps. | |
| 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 | |
| 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 : Windows XP / VISTA / 7, MAC OS Supported Browser : Internet Explorer 7.0 or Higher, Firefox, Google Chrome, Apple Safari *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 | Smart Viewer | |
| 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 grade |
| Vandal Resistance | SNP-6201 only (When SNP-6201 + 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) |

Design and specifications are subject to change without notice.

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