

# 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+.

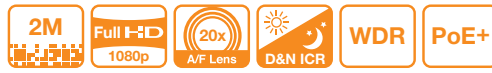
## SNP-6201/6201H

### 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)



2MP Full HD 20x Compact Network PTZ Camera  
**SNP-6201/6201H**

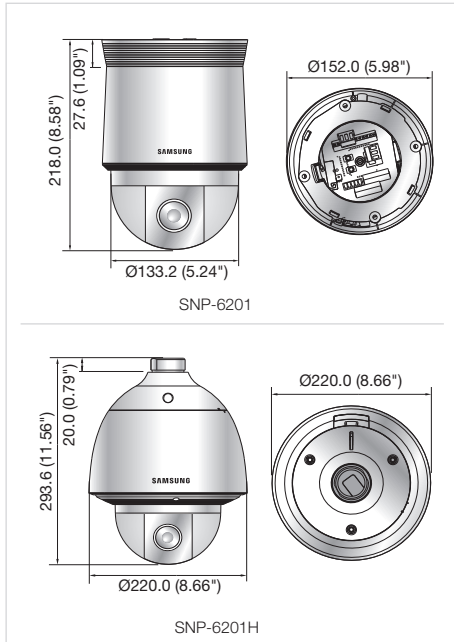


SNP-6201

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
<b>VIDEO</b>		
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	
<b>LENS</b>		
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	
<b>PAN / TILT / ROTATE</b>		
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°	
<b>OPERATIONAL</b>		
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	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	
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	
<b>NETWORK</b>		
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	
<b>ENVIRONMENTAL</b>		
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)	
<b>ELECTRICAL</b>		
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)
<b>MECHANICAL</b>		
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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