

# See 20x in HD

## 1.3Megapixel 20x PTZ Dome Camera



### 1.3Megapixel HD 20x PTZ Dome Network Camera

# SNP-5200/5200H

The SNP-5200/5200H are high performance 1.3 megapixel PTZ cameras and provide 20x optical zoom in HD images. These fully ONVIF compliant PTZ domes feature multiple resolutions and aspect ratios from CIF (320 x 240) up to full 1.3 megapixel (1280 x 1024) including High Definition (16:9) format at 720p. They also provide the ability to stream different resolutions simultaneously allowing the most relevant stream to be transmitted to your viewing or recording device at the same time. The SNP-5200H incorporates an IP66 housing able to withstand extreme environments from -58°F to +122°F (-50°C ~ +50°C).

- Max. 1.3M (1280 x 1024) Max. resolution
- Supports 16:9 HD (720p)
- 20x optical zoom Day/Night lens
- H.264 / MPEG-4 / MJPEG multiple codecs
- Hybrid (Analog video out and control)
- PoE Plus, SD memory slot, 2-way Audio, IP66 (SNP-5200H)

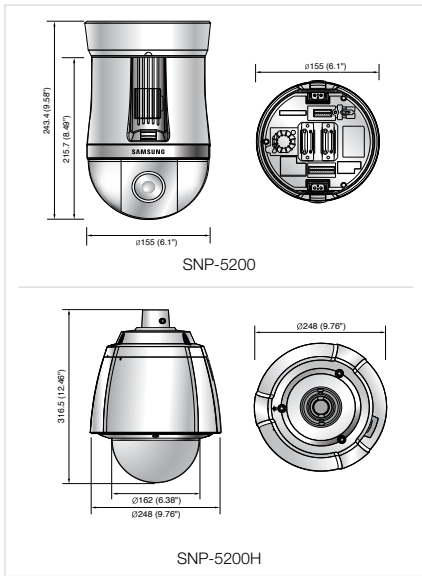
# 1.3Megapixel HD 20x PTZ Dome Network Camera

## SNP-5200/5200H



### Dimensions

Unit : mm (inch)



### Specifications



	SNP-5200N/P	SNP-5200HN/HP
<b>VIDEO</b>		
Imaging Device	1/3" 1.3M PS CMOS	
Total Pixels	1,384(H) x 1,076(V)	
Effective Pixels	1,329(H) x 1,049(V)	
Scanning System	Progressive	
Min. Illumination	Color : 0.7Lux (F1.6, 50IRE), 0.01Lux (Sens-up 60x, 50IRE), B/W : 0.08Lux (F1.6, 50IRE), 0.001Lux (Sens-up 60x, 50IRE)	
S / N Ratio	52dB	
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 : 56.56°(Wide) ~ 3.10°(Tele) / V : 43.32°(Wide) ~ 2.34°(Tele)	
Min. Object Distance	1m (3.28ft)	
Focus Control	AF / One-shot AF / Manual	
Lens Type	DC auto iris	
Mount Type	Board-in type	
<b>PAN / TILT / ROTATE</b>		
Pan Range	360° Endless	
Pan Speed	Preset : 500°/sec, Manual : 0.024°/sec ~ 120°/sec	
Tilt Range	190°(-5° ~ 185°)	
Tilt Speed	Preset : 500°/sec, Manual : 0.024°/sec ~ 120°/sec	
Preset	255ea	
Preset Accuracy	±0.1°	
<b>OPERATIONAL</b>		
Camera Title	Off / On (Displayed up to 15 characters)	
Day & Night	Auto (ICR) / Color / B/W	
Backlight Compensation	Off / BLC / HLC	
Contrast Enhancement	SSDR (Samsung Super Dynamic Range) (Off / On)	
Digital Noise Reduction	SSNRll (2D+3D noise filter) (Off / On)	
Digital Image Stabilization	Off / On	
Motion Detection	Off / On (4 programmable zones)	
Privacy Masking	Off / On (8 programmable zones)	
Sens-up (Frame Integration)	Off / Auto (2x ~ 60x)	
Gain Control	Off / Low / Medium / High / Manual	
White Balance	ATW / AWC / Manual / Indoor / Outdoor	
Electronic Shutter Speed	Auto / A.FLK / Manual (1/30 ~ 30,000sec)	
Digital Zoom	16x	
Flip / Mirror	Off / On	
Intelligent Video Analytics	Scene Change, Virtual Line, Enter / Exit, Appear / Disappear	
Alarm I/O	Input 4ea / Output 2ea (Relay)	
Remote Control Interface	RS-485/422	
RS-485 Protocol	Samsung-T/E, Pelco-P/D, Panasonic, Honeywell, AD, Bosch, Vicon, GE	
<b>NETWORK</b>		
Ethernet	RJ-45 (10/100BASE-T)	
Video Compression Format	H.264, MPEG-4, MJPEG	
Resolution	1280 x 1024, 1280 x 720P(HD), 1024 x 768, 800 x 600, 640 x 480, 320 x 240	
Max. Framerate	30fps at all resolutions	
Video Quality Adjustment	H.264 / MPEG-4 : Compression level, Target bitrate level control MJPEG : Quality level control	
Bitrate Control Method	H.264 / MPEG-4 : CBR or VBR, MJPEG : VBR	
Streaming Capability	Multiple streaming (Up to 10 profiles)	
Audio I/O	Mic / Line in, Line out	
Audio Compression Format	G.711 u-law	
Audio Communication	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	
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 6.0 or Higher, Firefox, Google Chrome, Apple Safari	
Central Management Software	NET-I viewer	
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 20% ~ 80% RH	-50°C ~ +50°C (-58°F ~ +122°F) / Less than 90% RH
Ingress Protection	N/A	IP66 Grade (Waterproof)
<b>ELECTRICAL</b>		
Input Voltage / Current	24V AC, PoE+ (IEEE 802.3at)	
Power Consumption	Max. 21W	Max. 25W (Heater off), Max. 52W (Heater on) * Heater works at AC input only.
<b>MECHANICAL</b>		
Color / Material	Ivory / Plastic	Ivory / Aluminum / Plastic sun-shield
Dimensions (WxH)	Ø155 x 243.4mm (Ø6.1" x 9.58")	Ø248 x 316.5mm (9.76" x 12.46")
Weight	2.1Kg (4.63 lb)	4.6Kg (10.14 lb)

Design and specifications are subject to change without notice.

### Accessories (Optional)



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

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