

SNP-3371/3302



4CIF 37x/30x Network PTZ Dome Camera



Key Features

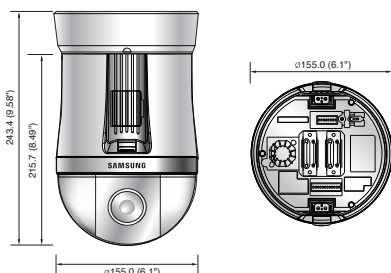
- Max. 30(25)fps at 4CIF resolution
- 3.5 ~ 129.5mm (37x) / 3.5 ~ 105mm (30x) optical zoom, 12x digital zoom
- H.264, MPEG-4, MJPEG multiple codec
- SD memory, bi-directional audio support

Accessories (Optional)



Dimensions

Unit : mm (inch)



Technical Specifications

	SNP-3371N/3302N	SNP-3371P/3302P
DSP	SV5	
Camera ISP	SV5	
VIDEO		
Imaging Device	1/4" Vertical double density interline transfer CCD	
Total Pixels	811(H) x 508(V)	795(H) x 596(V)
Effective Pixels	768(H) x 494(V)	752(H) x 582(V)
Scanning System	Progressive(VPS ON) (If WDR on, Interlaced Scan)	
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 600TV lines	
Min. Illumination	Color : 0.7Lux (F1.6, 50IRE), 0.0027Lux (Sens-up 256x) B/W : 0.03Lux (F1.6, 50IRE), 0.0001Lux (Sens-up 256x)	
S / N Ratio	52dB	
Video Output	CVBS : 1.0 Vp-p / 75Ω composite	
LENS		
Focal Length (Zoom Ratio)	SNP-3371 : 3.5 ~ 129.5mm (37x), SNP-3302 : 3.5 ~ 105mm (30x)	
Max. Aperture Ratio	SNP-3371 : F1.6(Wide) / F3.9(Tele), SNP-3302 : F1.6(Wide) / F3.6(Tele)	
Angular Field of View	SNP-3371 : H : 55.5°(Wide) ~ 1.59°(Tele) / V : 42.5°(Wide) ~ 1.19°(Tele) SNP-3302 : H : 55.5°(Wide) ~ 1.77°(Tele) / V : 42.5°(Wide) ~ 1.33°(Tele)	
Min. Object Distance	1.8m (5.91ft)	
Focus Control	AF / One-shot AF / Manual	
Zoom Movement Speed	SNP-3371 : 2.5x/sec, SNP-3302 : 2.2x/sec	
Lens Type	DC auto iris	
Mount Type	Board-in type	
PAN / TILT / ROTATE		
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°	
OPERATIONAL		
Camera Title	Off / On (Displayed up to 15 characters)	
On Screen Display	English	
Day & Night	Auto (ICR) / Color / B/W	
Backlight Compensation	Off / BLC / WDR / HLC	
Wide Dynamic Range	128x, 52dB	160x, 52dB
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	Yes	
Privacy Masking	Off / On (8 Polygonal programmable zones)	
Sens-up (Frame Integration)	Off / Auto (2X ~ 512X)	
Gain Control	Off / Low / Medium / High	
White Balance	AWC, Manual, Indoor, Outdoor, ATW (1,700°K ~ 11,000°K)	
Electronic Shutter Speed	Auto (1/60 ~ 1/20,000sec) / Manual / A.FLK	Auto (1/50 ~ 1/20,000sec) / Manual / A.FLK
Digital Zoom	12x	
Flip / Mirror	Digital flip	
Intelligent Video Analytics	Appear / Disappear, Fence, Area	
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	
NETWORK		
Ethernet	RJ-45 (10/100BASE-T)	
Video Compression Format	H.264, MPEG-4, MJPEG	
Resolution	704 x 480, 352 x 240, 176 x 120	704 x 576, 352 x 288, 176 x 144
Max. Framerate	30fps	25fps
Video Quality Adjustment	H.264/MPEG4 : Compression Level, Target Bitrate Level Control MJPEG : Quality Level Control	
Bitrate Control Method	H.264/MPEG4 : CBR OR VBR MJPEG : VBR	
Streaming Capability	Multiple Streaming (Up to 10 Profiles)	
Audio I/O	Line in / Line out	
Audio Compression Format	G.711 u-law	
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	
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	
Memory Slot	SD/SDHC memory slot	
ONVIF Conformance	Yes	
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	
ENVIRONMENTAL		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 20% ~ 80% RH	
ELECTRICAL		
Input Voltage	24V AC, PoE+ (IEEE802.3at)	
Power Consumption	Max. 16W	
MECHANICAL		
Color / Material	Ivory / Plastic	
Dimensions (WxH)	Ø155.0 x 243.4mm (Ø6.1" x 9.58")	
Weight	1.7Kg (3.75 lb)	