

Easy to install,
Easy to network

37x, 30x zoom
All-in-one weatherproof
network PTZ dome cameras



37x/30x zoom H.264 compression network PTZ dome cameras
complete with weatherproof housings

SNP-3370TH/3301H

The SNP-3370TH/3301H are powerful true day/night network PTZ dome cameras featuring a 37x/30x optical zoom respectively along with H.264 compression to provide high quality images with reduced file sizes. They include an integrated housing that is fully weatherproof to IP66 to make installation easy and support a wide operating temperature range (-50° to +50°) for use in demanding environments. With Wide Dynamic Range (WDR) functionality and ultra low light level performance of just 0.4Lux color / 0.02Lux monochrome, they provide clear images even in the most challenging lighting conditions. The SNP-3370TH includes an automatic tracking function that is able to intelligently track subjects without operator intervention making it suitable for applications such as perimeter protection and out of hours surveillance. The SNP-3370TH & SNP-3301H are compatible with a wide range of Samsung mounting brackets and accessories to ensure the perfect installation every time.



- 30x/37x optical, 12x digital zoom
- H.264, MPEG-4 & MJPEG multiple encoding
- Real-time 30(25)fps at high resolution (4CIF)
- Built-in weatherproof housing (IP66)
- Integrated IR cut-filter (ICR) and Wide Dynamic Range (WDR)
- SD/SDHC memory card slot for on-board alarm/event recording

37x/30x H.264 Outdoor Network PTZ Camera

SNP-3370TH/3301H

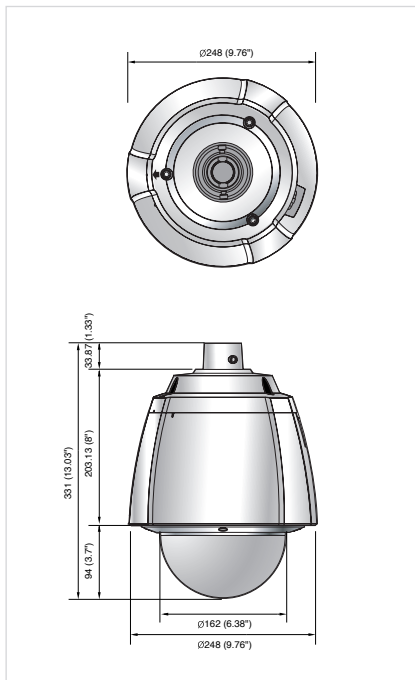


Specifications

		SNP-3370TH	SNP-3301H	
		CAMERA		
Image	Sensor Device	1/4" Vertical Double Density Interline CCD		
	Scan	Interlaced Scan		
Scanning	Pixels	Total	NTSC : 811 x 508 / PAL : 795 x 596	
	Effective	NTSC : 768 x 494 / PAL : 752 x 582		
Min. Scene Illumination	Horizontal Frequency	NTSC : 15,734Hz / PAL : 15,625Hz		
	Vertical Frequency	NTSC : 59.94Hz / PAL : 50Hz		
Functions	Color	0.7Lux (50 IRE@F1.6, Sens-up off), 0.002Lux (Sens-up 256x)		
	B/W	0.03Lux (50 IRE@F1.6, Sens-up off)		
	Number of Privacy Zone	8ea (Rectangular method)		
	Day & Night	Auto (ICR) / Color / B/W		
	Wide Dynamic Range	Yes (NTSC : 128x, PAL : 160x), 52dB		
	Digital Zoom	On / Off (1x ~ 12x)		
	Electronic Shutter Speed	Auto (NTSC : 1/60~1/120,000sec, PAL : 1/60~1/120,000sec) / Manual / A.FLK		
	Gain Control	Low / Medium / High / Off		
	Sens-up (Frame Integration)	On / Off (Selectable limit ~ 256x)		
	Backlight Compensation	WDR / BLC / HLC / Off		
Pan / Tilt	Auto Tracking	On / Off		
	Focus	Auto / Manual / One-shot AF		
	Iris Control	Auto / Manual		
	White Balance	ATW / AWC / Manual / Indoor / Outdoor		
	3D Noise Filter (SSNRil)	Low / Medium / High / Off		
	Camera ID	1 ~ 255ea		
	Horizontal Resolution	Color : 550TV lines, B/W : 680TV lines		
	S/N Ratio	50dB		
	Lens	Focal Length	3.5 ~ 129.5mm	
		Zoom Ratio	37x optical	
Zoom Movement Speed		2.5x /sec		
Aperture Ratio		F1.6(Wide) ~ F3.9(Tele)		
Min. Object Distance		1.8m (5.91ft)		
Remote Control	Angular Field of View	H : 55.5°(Wide) ~ 1.59°(Tele) / V : 42.5°(Wide) ~ 1.19°(Tele)		
	Speed	Manual Pan / Tilt	0.024 ~ 120°/sec	
	Preset Pan / Tilt	500°/sec		
	Range	Panning / Tilting	0 ~ 360° (Endless) / 190° (-5° ~ 185°)	
	Number of Preset	255ea		
Environmental Conditions	Preset Accuracy	±0.1°		
	PTZ Mode	Preset, Swing, Group, Tour, Trace, Auto run		
	Communication Interface	RS-485/422		
	Protocol	Samsung-T, Samsung-E, Pelco-D, Pelco-P, Panasonic, Honeywell, AD, Vicon		
	Fan / Heater	Yes		
Power	Ingress Protection	IP66		
	Operating Temperature	-50°C ~ +50°C (-58°F ~ +122°F)		
	Operating Humidity	20% ~ 80% RH		
	Power Requirement	NTSC : 24V AC, 60Hz / PAL : 24V AC, 50Hz		
	Power Consumption	Max. 22W (Heater Off), Max. 64W (Heater On)		
Physical Specification	Dimensions (WxH)	Ø248 x 331mm (Ø9.76" x 13.03")		
	Weight	4.6Kg (10.14 lb)		
Color	Silver			
		NETWORK		
Network Board	OS	Embedded Linux		
	Hardware	Flash memory	128M byte	
		RAM	256M byte	
		Ethernet	RJ-45 (10/100 Base-T)	
		Video Out	VBS 1.0Vp-p	
Alarm	Audio	Line in / Line out		
	SD Memory Slot	Yes (SD / SDHC)		
Video	Input / Output	4ea / 2ea		
	Compression	H.264 / MPEG4 / MJPEG multiple codec		
	Resolution	4CIF	NTSC : 704 x 480 / PAL : 704 x 576	
	CIF	NTSC : 352 x 240 / PAL : 352 x 288		
	QCIF	NTSC : 176 x 120 / PAL : 176 x 144		
Audio	Max. Frame Rate	30(25)fps at all resolutions		
	H.264 / MPEG4 Quality	5 levels (Verylow,low,medium, high,very high)		
	MJPEG Quality	5 levels (Verylow,low,medium, high,very high)		
	Bitrate Control	CBR		
	Streaming	H.264 + MJPEG or MPEG-4 + MJPEG dual streaming		
Motion Detection	Compression	ADPCM (8KHz)		
	Bi-Directional Communication	Yes		
	Intelligent Motion Detection	Motion Detection, Appear/Disappear		
	IP	IPv4		
	Protocol	IPV4	TCP/IP, UDP/IP, RTP, RTSP, NTP, HTTP, DHCP, FTP, SMTP, ICMP, IGMP, ARP, DNS, DDNS	
Connection	Streaming	Unicast, Multicast		
	Security	Password protection, IP address filtering, User access log		
	DDNS	Supporting samsung DDNS		
	Maximum User Access	Max. 10 users		
	User Access Level	Administrator	Full control privilege	
Event Management	Guest	Live monitoring only		
	Additional User	Configurable privilege individually		
	Alarm Input	Pre/Post alarm image buffering, Image recording : SD memory, JPEG Image transfer : FTP, Event Notification, E-mail Notification, Auto run PTZ functions, Alarm out Activation		
	Motion Detection	JPEG image transfer : FTP		
	Schedule	Supported OS		
Web Browser Viewer (Default)	Supported OS	Windows XP, VISTA, 7		
	Supported Browser	Internet Explorer 6.0 or higher		
	PTZ Control	Yes		
	Plug-in	ActiveX control		
	UI Language	Using web viewer UI		
Video Player	S/W Upgrade	English		
	RTP / RTSP Streaming	Quicktime, VLC player		
	Video Management Software	Samsung CMS S/W, 3rd party S/W application		

Dimensions

Unit : mm (inch)



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

Design and specifications are subject to change without notice.



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