



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



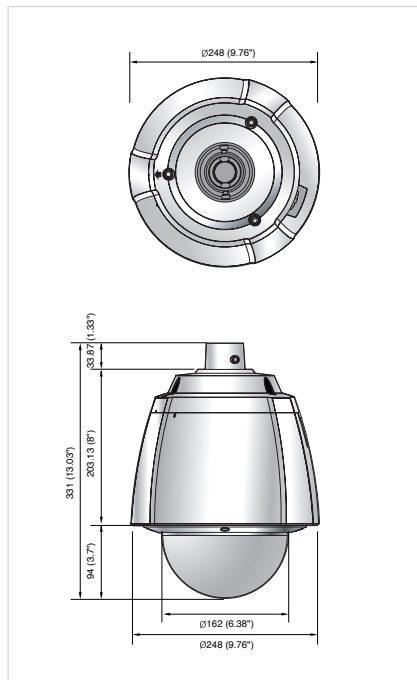
Specifications

		SNP-3370TH	SNP-3301H
		CAMERA	
Image	Sensor Device	1/4" Vertical Double Density Interline CCD	
	Scan	Interlaced Scan	
Pixels	Total	NTSC : 811 x 508 / PAL : 795 x 596	
	Effective	NTSC : 768 x 494 / PAL : 752 x 582	
Scanning	Horizontal Frequency	NTSC : 15,734Hz / PAL : 15,625Hz	
	Vertical Frequency	NTSC : 59.94Hz / PAL : 50Hz	
Min. Scene Illumination	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	Day & Night	8ea (Rectangular method)	
	Wide Dynamic Range	Auto (ICR) / Color / B/W	
Digital Zoom	Yes (NTSC : 128x, PAL : 160x), 52dB	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	Sens-up (Frame Integration)	Low / Medium / High / Off	
	Backlight Compensation	On / Off (Selectable limit ~ 256x)	
Auto Tracking	WDR / BLC / HLC / Off	On / Off	
	Focus	Auto / Manual / One-shot AF	
Iris Control	Auto / Manual	ATW / AWC / Manual / Indoor / Outdoor	
	White Balance	Low / Medium / High / Off	
3D Noise Filter (SSNR)	Camera ID	1 ~ 255ea	
	Horizontal Resolution	Color : 550TV lines, B/W : 680TV lines	
S/N Ratio	Focal Length	3.5 ~ 129.5mm	
	Zoom Ratio	37x optical	
Zoom Movement Speed	Zoom Movement Speed	2.5x / sec	
	Aperture Ratio	F1.6(Wide) ~ F3.9(Tele)	
Min. Object Distance	Angular Field of View	H : 55.5°(Wide) ~ 1.59°(Tele) / V : 42.5°(Wide) ~ 1.19°(Tele)	
	Speed	0.024 ~ 120°/sec	
Manual Pan / Tilt	Preset Pan / Tilt	500°/sec	
	Range	0 ~ 360° (Endless) / 190° (-5° ~ 185°)	
Number of Preset	Panning / Tilting	255ea	
	Preset Accuracy	±0.1°	
PTZ Mode	Communication Interface	Preset, Swing, Group, Tour, Trace, Auto run	
	Protocol	RS-485/422, Coaxial control	
Remote Control	Protocol	Samsung-T, Samsung-E, Pelco-D, Pelco-P, Panasonic, Honeywell, AD, Vicon	
	Fan / Heater	Yes	
Ingress Protection	Operating Temperature	IP66	
	Operating Humidity	-50°C ~ +50°C (-58°F ~ +122°F)	
Power Requirement	Power Consumption	20% ~ 80% RH	
	Dimensions (WxH)	NTSC : 24V AC, 60Hz / PAL : 24V AC, 50Hz	
Weight	Max. 22W (Heater Off), Max.64W (Heater On)	0.0248 x 0.0331m (0.0976" x 0.1303")	
	Color	4.6Kg (10.14 lb)	
		Silver	
		NETWORK	
OS	Flash memory	Embedded Linux	
	RAM	128M byte	
Hardware	Ethernet	256M byte	
	Video Out	RJ-45 (10/100 Base-T)	
Audio	Line in / Line out	VBS 1.0Vp-p	
	SD Memory Slot	Line in / Line out	
Input / Output	Yes (SD / SDHC)	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	
Max. Frame Rate	QCIF	NTSC : 176 x 120 / PAL : 176 x 144	
	H.264 / MPEG4 Quality	30(25)fps at all resolutions	
MJPEG Quality	Bitrate Control	5 levels (Verylow,low,medium, high,very high)	
	Streaming	5 levels (Verylow,low,medium, high,very high)	
Compression	ADPCM (8KHz)	H.264 + MJPEG or MPEG-4 + MJPEG dual streaming	
	Bi-Directional Communication	Yes	
Intelligent Motion Detection	IP	Motion Detection, Appear/Disappear	
	IPV4	IPV4	
Network Protocol	TCP/IP, UDP/IP, RTP, RTSP, NTP, HTTP, DHCP, FTP, SMTP, ICMP, IGMP, ARP, DNS, DDNS	Unicast, Multicast	
	Security	Password protection, IP address filtering, User access log	
DDNS	Supporting samsung DDNS	Max. 10 users	
	Maximum User Access	Full control privilege	
User Access Level	Administrator	Live monitoring only	
	Guest	Configurable privilege individually	
Additional User	Alarm Input	Pre/Post alarm image buffering, Image recording : SD memory, JPEG Image transfer : FTP,	
	Motion Detection	Event Notification, E-mail Notification, Auto run PTZ functions, Alarm out Activation	
Schedule	JPEG image transfer : FTP	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	English	
	S/W Upgrade	Quicktime, VLC player	
RTP / RTSP Streaming	Samsung CMS S/W, 3rd party S/W application		



Dimensions

Unit : mm (inch)



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

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SAMSUNG TECHWIN CO., LTD.

701, Sampyeong-dong, Bundang-gu, Seongnam-si, Gyeonggi-do Korea 463-400
Tel : +82-70-7147-8741~8749, 8752~8760 Fax : +82-31-8018-3745
www.samsungsecurity.com www.samsungcctv.com

SAMSUNG TECHWIN AMERICA INC.

1480 Charles Willard St, Carson, CA 90746, UNITED STATES
Tel Free : +1-877-213-1222 Fax : +1-310-632-2195
www.samsungcctvusa.com

SAMSUNG TECHWIN EUROPE LTD.

Samsung House, 1000 Hillwood Drive, Hillwood Business Park
Chertsey, Surrey, UNITED KINGDOM KT16 0PS
Tel : +44-1932-45-5300 Fax : +44-1932-45-5325

TIANJIN SAMSUNG TECHWIN OPTO-ELECTRONICS CO., LTD.

No.11 Wei 6 Street, Micro-Electronic Industrial Park
Jingang Road, Tianjin, P.R. CHINA 300385
Tel : +86-22-23887788 Fax : +86-22-23887788