

# 37x/33x/27x zoom, Captured every detail



High Resolution 37x/33x/27xPTZ Dome Camera

SCP-2370TH/2370H/2370  
SCP-2330H/2330  
SCP-2270H/2270

37x/33x/27x PTZ dome cameras are able to capture quality images over expansive areas thanks to the inclusion of a 37x/33x/27x optical zoom. Embedded with Samsung's W-5 chipset, these cameras offer clear and vivid images with 600TV lines color resolution and are able to perform perfectly at low light levels down to 0.2Lux. SCP-2370TH/2370H/2330H/2270H are pre-fitted into a housing for extra convenience and especially, SCP-2370TH supports auto-tracking function.

- High resolution of 600TV lines (Color), 700TV lines (B/W)
- Min. illumination 0.2Lux@F1.6 (Color), 0.02Lux (B/W)
- Powerful 37x zoom (3.5 ~ 129.5mm)
  - 33x zoom (3.5 ~ 115.5mm)
  - 27x zoom (3.5 ~ 94.5mm)
- Auto tracking(SCP-2370TH), true Day & Night (ICR), MD, SSNRIII
- IP66, Coax : Pelco-C ( Coaxitron ), 24V AC

# High Resolution 37x/33x/27x PTZ Dome Camera

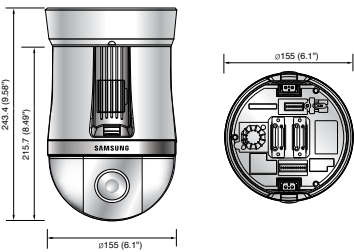
## SCP-2370TH/2370H/2370/2330H/2330/2270H/2270



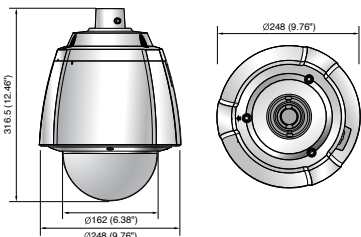
SCP-2370/2330/2270      SCP-2370TH/2370H  
/2330H/2270H

### Dimensions

Unit : mm (inch)



SCP-2370/2330/2270



SCP-2370TH/2370H/2330H/2270H

### Specifications

	SCP-2370THN/2370HN/2370N/2330HN/2330N/2270HN/2270N	SCP-2370THP/2370HP/2370P/2330HP/2330P/2270HP/2270P
<b>VIDEO</b>		
Imaging Device	1/4" Super HAD CCDIII	
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	2 : 1 Interlace	
Synchronization	Internal / Line lock	
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 600 TV lines	
Min. Illumination	Color : 0.2Lux @ F1.6, 0.0004 Lux (Sens-up, 512x) B/W : 0.02 Lux @ F1.6, 0.00004 Lux (Sens-up, 512x)	
S / N Ratio	52dB (AGC off, Weight on)	
Video Output	CVBS : 1.0 Vp-p / 75Ω composite	
<b>LENS</b>		
Focal Length (Zoom Ratio)	3.5 ~ 129.5mm (37x) / 3.5 ~ 115.5mm (33x) / 3.5~94.5mm (27x)	
Max. Aperture Ratio	1:1.6 (Wide) ~ 3.9 (Tele)	
Angular Field of View	H : 55.5°(Wide) ~ 1.59°(Tele) / V : 42.5°(Wide) ~ 1.19°(Tele) (37x) H : 55.5°(Wide) ~ 1.77°(Tele) / V : 42.5°(Wide) ~ 1.33°(Tele) (33x) H : 55.5°(Wide) ~ 2.24°(Tele) / V : 42.5°(Wide) ~ 1.62°(Tele) (27x)	
Min. Object Distance	1.8m	
Focus Control	Auto / Manual / One AF	
Zoom Movement Speed	2.8sec (37x) / 2.2sec (33x) / 1.8sec (27x)	
<b>PAN / TILT</b>		
Pan Range	360° Endless	
Pan Speed	Preset : 600°/sec / Manual : 0.024°/sec ~ 120°/sec (Proportional zoom ratio)	
Tilt Range	-5° ~ 185°	
Tilt Speed	Preset : 600°/sec / Manual : 0.024°/sec ~ 120°/sec (Proportional zoom ratio)	
Preset	255	
Preset Accuracy	±0.1°	
Auto Tracking	Built-in (SCP-2370TH)	
<b>OPERATIONAL</b>		
On Screen Display	English, Japanese, Spanish, French, Portuguese, Taiwanese, Korean	English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech, Turkish, Portuguese
Camera Title	Off / On (Displayed 12 characters)	
Day & Night	Auto (ICR) / External / Color / B/W	
Backlight Compensation	BLC / HLC / Off	
Contrast Enhancement	SSDR (Off / On)	
Digital Noise Reduction	SSNRILL (Off / On)	
Digital Image Stabilization	Off / On	
Motion Detection	Off / On (8 programmable zones)	
Privacy Masking	Off / On (12 programmable zones)	
Sens-up (Frame Integration)	2x ~ 512x	
Gain Control	Off / Low / High	
White Balance	ATW / Outdoor / Indoor / Manual / AWC (1,700K° ~ 11,000K°)	
Electronic Shutter Speed	1/60 ~ 1/120,000 sec	1/50 ~ 1/120,000 sec
Digital Zoom	Off / On (2x ~ 16x)	
Digital Flip	Off / On	
Schedule	Day / Time	
Alarm	8 In 3 Out	
Communication	Coaxial Control ( SPC-300 Compatible ), RS-485	
Protocol	Coax : Pelco-C (Coaxitron), RS-485 : Samsung-T, Samsung-E, Pelco-D, Pelco-P, Vicon, Honeywell, Panasonic, Bosch, AD, GE	
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	SCP-2370TH/2370H/2330H/2270H : -50°C ~ +50°C (+14°F ~ +122°F) / Less than 90% RH SCP-2370/2330/2270 : -10°C ~ +50°C (-14°F ~ +122°F) / 20 ~ 80% RH	
Ingress Protection	IP66 : SCP-2370TH/2370H/2330H/2270H	
<b>ELECTRICAL</b>		
Input Voltage / Current	24VAC±10%	
Power Consumption	SCP-2370TH/2370H/2330H/2270H : Max. 15W / 60W (Fan & Heater), SCP-2370/2330/2270 : Max. 15W	
<b>MECHANICAL</b>		
Color / Material	SCP-2370TH/2370H/2330H/2270H : Ivory, Aluminum, Plastic (Dome Cover : Clear), SCP-2370/2330/2270 : Ivory, Plastic (Dome Cover : Clear)	
Dimensions (WxH)	SCP-2370TH/2370H/2330H/2270H : Ø248 x 316.5mm (9.76" x 12.46") SCP-2370/2330/2270 : Ø155 x 243.4mm (6.1" x 9.58")	
Weight	SCP-2370TH/2370H/2330H/2270H : 4.5kg (9.92 lb), SCP-2370/2330/2270 : 2kg (4.41 lb)	



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.

■ DISTRIBUTED BY



#### 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.

100 Challenger Rd. Suite 700 Ridgefield Park, NJ 07660  
Toll Free : +1-877-213-1222 Direct : +1-201-325-6920  
Fax : +1-201-373-0124  
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