

# Modern, Stylish, Compact Design

37x PTZ dome cameras



## 37x High Resolution PTZ Dome Camera

# SCP-2371H/2371



The SCP-2371H/2371 PTZ dome cameras include a class leading 37X optical zoom (3.5 ~ 129.5mm) with ultra low light level capabilities of 0.2Lux Color and 0.02Lux B/W without Sens-up activated. With W-V DSP engine, the SCP-2371 PTZ domes offer clear and vivid images with 600TV lines color resolution and are able to perform perfectly at low light condition utilizing SSNR III, the 3<sup>rd</sup> generation of Samsung Super Noise Reduction.

- Powerful 37x zoom (3.5 ~ 129.5mm), Digital 16x
- High resolution of 600TV lines
- Min. Illumination 0.2Lux@F1.6 (Color), 0.02Lux (B/W)
- Day & Night (ICR), Intelligent video, SSNR III
- Built-in fan/heater (SCP-2371H)

# 37x High Resolution PTZ Dome Camera

## SCP-2371H/2371



SCP-2371H

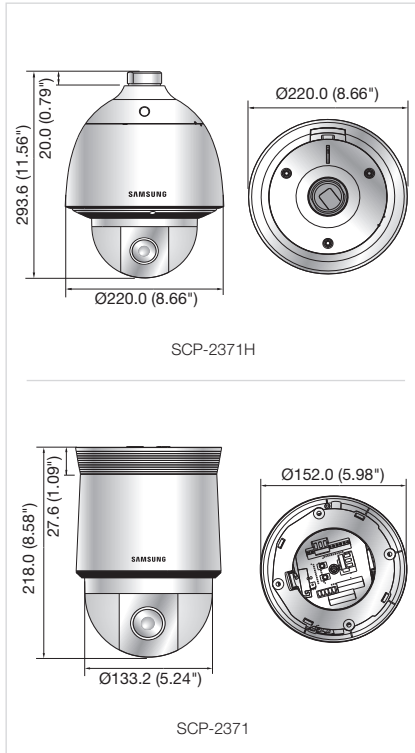
SCP-2371

### Specifications

	SCP-2371HN/2371N	SCP-2371HP/2371P
<b>VIDEO</b>		
Imaging Device	1/4" Super HAD CCD II	
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 : 600TV lines, B/W : 700TV lines	
Min. Illumination	Color : 0.2Lux@F1.6 (50IRE), 0.0004Lux (Sens-up, 512x) B/W : 0.02Lux@F1.6 (50IRE), 0.0004Lux (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 (Optical 37x)	
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)	
Min. Object Distance	1.8m (5.91ft)	
Focus Control	Auto / Manual / One shot	
Zoom Movement Speed	2.8sec (Wide to tele)	
<b>PAN / TILT</b>		
Pan Range	360° Endless	
Pan Speed	Preset : 500°/sec, Manual : 0.024°/sec ~ 120°/sec (Proportional zoom ratio)	
Tilt Range	-5° ~ 185° (Max. -15° ~ 195°)	
Tilt Speed	Preset : 500°/sec, Manual : 0.024°/sec ~ 120°/sec (Proportional zoom ratio)	
Preset	255	
Preset Accuracy	±0.1°	
<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	Off / BLC / HLC	
Contrast Enhancement	SSDR (Off / On)	
Digital Noise Reduction	SSNRIII (Off / On)	
Digital Image Stabilization	Off / On	
Motion Detection	Off / On	
Privacy Masking	Off / On (8 programmable zones)	
Sens-up (Frame Integration)	2x ~ 512x	
Gain Control	Off / Low / Medium / High / Manual	
White Balance	ATW / Outdoor / Indoor / Manual / AWC (1,700K° ~ 11,000K°)	
Electronic Shutter Speed	1/60 ~ 1/120,000sec	1/50 ~ 1/120,000sec
Digital Zoom	Off / On (1x ~ 16x)	
Digital Flip	Off / On	
Schedule	Day / Time	
Alarm	8 In 3 Out	
Communication	Coaxial control (SPC-300 compatible), RS-485/422	
Protocol	Coax : Pelco-C (Coaxitron) RS-485/422 : Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	-50°C ~ +55°C (-58°F ~ +131°F) / Less than 90% RH : SCP-2371H -10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH : SCP-2371	
Ingress Protection	IP66 : SCP-2371H	
<b>ELECTRICAL</b>		
Input Voltage / Current	24V AC ±10%	
Power Consumption	Max. 15W / 60W (Fan & heater on) : SCP-2371H, Max. 15W : SCP-2371	
<b>MECHANICAL</b>		
Color / Material	Ivory / Aluminum, Plastic (Dome Cover : Clear) : SCP-2371H Ivory / Plastic (Dome Cover : Clear) : SCP-2371	
Dimensions (WxH)	Ø220.0 x 293.6mm (Ø8.66" x 11.56") : SCP-2371H, Ø152.0 x 218.0mm (Ø5.98" x 8.58") : SCP-2371	
Weight	3.1Kg (6.83 lb) : SCP-2371H, 1.6Kg (3.53 lb) : SCP-2371	

### 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.

### Accessories (Optional)



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 Hillswood Drive, Hillswood 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