

# 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

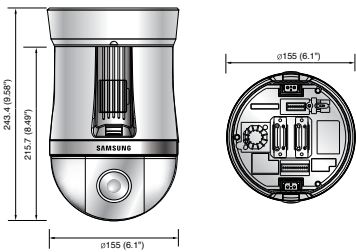
## SCP-2370TH/2370H/2370/2330H/2330/2270H/2270



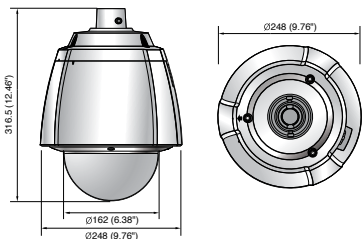
SCP-2370/2330/2270 SCP-2370TH/2370H/2330H/2270H

### Dimensions

Unit : mm (inch)



SCP-2370/2330/2270



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



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

### Specifications

| SCP-2370THN/2370HN/2370N/2330HN/2330N/2270HN/2270N |                                                                                                                                                                                                                   | SCP-2370THP/2370HP/2370P/2330HP/2330P/2270HP/2270P                                             |  |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--|
| VIDEO                                              |                                                                                                                                                                                                                   |                                                                                                |  |
| 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)<br>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                                                                                                                                                                                   |                                                                                                |  |
| LENS                                               |                                                                                                                                                                                                                   |                                                                                                |  |
| 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)<br>H : 55.5°(Wide) ~ 1.77°(Tele) / V : 42.5°(Wide) ~ 1.33°(Tele) (33x)<br>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)                                                                                                                                                                        |                                                                                                |  |
| PAN / TILT                                         |                                                                                                                                                                                                                   |                                                                                                |  |
| 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)                                                                                                                                                                                             |                                                                                                |  |
| OPERATIONAL                                        |                                                                                                                                                                                                                   |                                                                                                |  |
| 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                            | SSNRlll (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                                                                                           |                                                                                                |  |
| ENVIRONMENTAL                                      |                                                                                                                                                                                                                   |                                                                                                |  |
| Operating Temperature / Humidity                   | SCP-2370TH/2370H/2330H/2270H : -50°C ~ +50°C (+14°F ~ +122°F) / Less than 90% RH<br>SCP-2370/2330/2270 : -10°C ~ +50°C (-14°F ~ +122°F) / 20 ~ 80% RH                                                             |                                                                                                |  |
| Ingress Protection                                 | IP66 : SCP-2370TH/2370H/2330H/2270H                                                                                                                                                                               |                                                                                                |  |
| ELECTRICAL                                         |                                                                                                                                                                                                                   |                                                                                                |  |
| Input Voltage / Current                            | 24VAC±10%                                                                                                                                                                                                         |                                                                                                |  |
| Power Consumption                                  | SCP-2370TH/2370H/2330H/2270H : Max. 15W / 60W (Fan & Heater), SCP-2370/2330/2270 : Max. 15W                                                                                                                       |                                                                                                |  |
| MECHANICAL                                         |                                                                                                                                                                                                                   |                                                                                                |  |
| 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")<br>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)                                                                                                                                |                                                                                                |  |

Design and specifications are subject to change without notice.

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