

# 27x zoom, Capture every detail



## High Resolution 27x PTZ Dome Camera

# SCP-2270/2270H



The SCP-2270 series PTZ dome cameras are able to capture quality images over expansive areas thanks to their respective 27x optical zoom Day/Night Lens. Embedded with Samsung's W-V DSP chipset, these cameras offer clear and vivid images with 600TVL resolution (color) at low light levels down to 0.2Lux. Available in both an indoor or outdoor housing for use in a wide variety of applications.

- High resolution of 600TV lines (Color), 700TV lines (B/W)
- Min. illumination 0.2Lux@F1.6 (Color), 0.02Lux (B/W)
- True Day/Night (ICR) in Powerful 27x zoom
- Outdoor models IP66, -58F to 122F
- Coax control (Pelco-C)
- Internal calendar/clock for scheduling functions

# High Resolution 27xPTZ Dome Camera

## SCP-2270/2270H

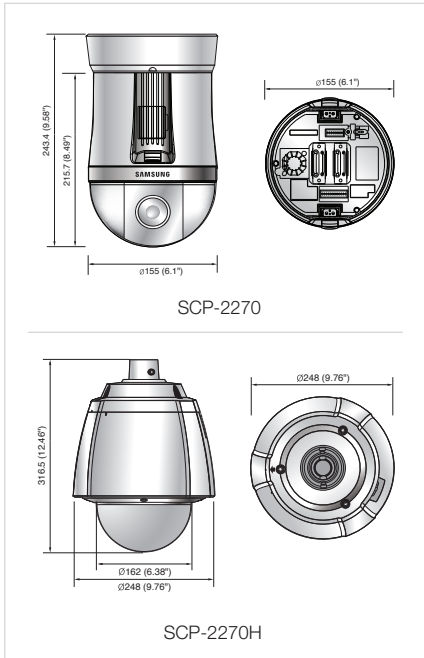


SCP-2270H

SCP-2270

### Dimensions

Unit : mm (inch)



SCP-2270

SCP-2270H

### Accessories (Optional)



SHP-3700F  
not needed for  
"H" models

### Controllers (optional)



SPC-6000

SPC-1010

### Specifications

|                                  | SCP-2270HN   | SCP-2270N   |
|----------------------------------|--|---|
| <b>VIDEO</b>                     |  |   |
| Imaging Device                   | 1/4" Ex-view HAD CCD   |   |
| 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  |   |
| Min. Illumination                | Color : 0.2Lux@F1.6 (50IRE), 0.001Lux (Sens-up, 512x)<br>B/W : 0.02Lux@F1.6 (50IRE), 0.0001Lux (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 ~ 94.5mm (Optical 27x)   |   |
| Max. Aperture Ratio              | 1 : 1.6(Wide) ~ 3.9(Tele)  |   |
| Angular Field of View            | H : 55.5°(Wide) ~ 2.24°(Tele) / V : 42.5°(Wide) ~ 1.62°(Tele) (27x)  |   |
| Min. Object Distance             | 1.8m (5.91ft)  |   |
| Focus Control                    | Auto / Manual / One AF   |   |
| Zoom Movement Speed              | 1.8sec (27x)   |   |
| <b>PAN / TILT</b>                |  |   |
| Pan Speed / Range                | Preset : 600°/s, Manual : 0.024°/s ~ 120°/s; 360° Endless  |   |
| Tilt Speed / Range               | Preset : 600°/s, Manual : 0.024°/s ~ 120°/s; -5° ~ 185°  |   |
| No. Presets / Accuracy           | 255 / ±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           | BLC / HLC / Off  |   |
| Contrast Enhancement             | SSDR (Off / On)  |   |
| Digital Noise Reduction          | SSNR III (Off / On)  |   |
| Digital Image Stabilization      | Off / On   |   |
| Motion Detection                 | Built-in   |   |
| 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 (2x ~ 16x)  |   |
| Digital Flip                     | Off / On   |   |
| VPS                              | Off / On   |   |
| Intelligent Video                | Off / Detection / Tracking / Fixed_Moved   |   |
| PIP                              | Off / On   |   |
| Schedule                         | Day / Time   |   |
| Alarm                            | 8 In 3 Out   |   |
| Communication                    | Coaxial control, RS-485  |   |
| Protocol                         | Coax : Pelco-C (Coaxitron)<br>RS-485 : Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE              |   |
| <b>ENVIRONMENTAL</b>             |  |   |
| Operating Temperature / Humidity | -50°C ~ +50°C (-58°F ~ +122°F) / up to 100% RH : SCP-2270H<br>-10°C ~ +50°C (+14°F ~ +122°F) / 20% ~ 80% RH : SCP-2270 |   |
| Ingress Protection               | IP66 : SCP-2270H   |   |
| <b>ELECTRICAL</b>                |  |   |
| Input Voltage                    | 24V AC ±10%  |   |
| Power Consumption                | Max. 15W / 60W (Fan & heater on) : SCP-2270H, Max. 15W : SCP-2270  |   |
| <b>MECHANICAL</b>                |  |   |
| Color / Material                 | Ivory / Aluminum, Plastic (Dome cover : Clear)   |   |
| Dimensions (WxH)                 | Ø248.0 x 316.5mm (Ø9.76" x 12.46") : SCP-2270H<br>Ø155.0 x 243.4mm (Ø6.1" x 9.58") : SCP-2270                          |   |
| Weight                           | 4.5Kg (9.92 lb) : SCP-2270H, 2Kg (4.41 lb) : SCP-2270  |   |



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