

# Upgraded image quality



## SCV-2082R

### Premium Resolution Vandal-Resistant IR Dome Camera

- High resolution of 700TV lines
- Min. Illumination 0Lux (IR LED on), IR distance 20m
- 3.6x varifocal lens (2.8 ~ 10mm)
- Day & Night (ICR), SSNR III, Defog
- Coax : Pelco-C (Coaxitron), Dual power
- IP66

The SCV-2082R is a discreet general purpose analog vandal-resistant dome camera suitable for a wide range of applications. It incorporates the 6<sup>th</sup> generation Winner engine from Samsung Techwin that features premium level resolution at 700TV lines in sharp mode and other core functionalities such as SSNR III, day & night (ICR), and defog. It can capture images within 20 meters in extremely low or no lighting using its built-in IR LED lamps, the SCV-2082R would be a perfect solution for who is looking for a cost effective high quality video surveillance camera.

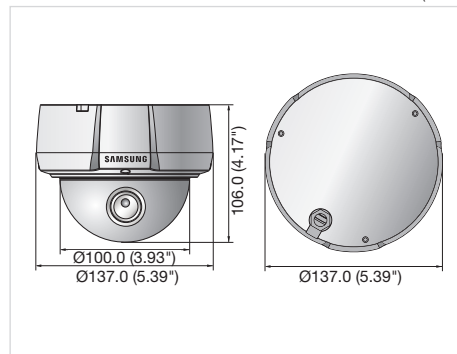


## Specifications

|                                  | SCV-2082RN                                                                         | SCV-2082RP                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| VIDEO                            |                                                                                    |                                                                                                                                           |
| Imaging Device                   | 1/3" Super HAD CCD II                                                              |                                                                                                                                           |
| Total Pixels                     | 1,020(H) x 508(V)                                                                  | 1,020(H) x 596(V)                                                                                                                         |
| Effective Pixels                 | 976(H) x 494(V)                                                                    | 976(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            | 700TV lines (ER mode)                                                              |                                                                                                                                           |
| Min. Illumination                | Color : 0.15Lux@F1.2 (50IRE), 0.0002Lux (Sens-up, 512x)<br>B/W : 0 LUX (IR LED on) |                                                                                                                                           |
| S / N Ratio                      | 52dB (AGC off, Weight on)                                                          |                                                                                                                                           |
| Video Output                     | CVBS : 1.0 Vp-p / 75Ω composite                                                    |                                                                                                                                           |
| LENS                             |                                                                                    |                                                                                                                                           |
| Focal Length (Zoom Ratio)        | 2.8 ~ 10mm (3.6x)                                                                  |                                                                                                                                           |
| Max. Aperture Ratio              | 1 : 1.2(Wide) ~ 2.8(Tele)                                                          |                                                                                                                                           |
| Angular Field of View            | H : 94.4°(Wide) ~ 28°(Tele) / V : 69.2°(Wide) ~ 21°(Tele)                          |                                                                                                                                           |
| Min. Object Distance             | 0.2m (0.66ft)                                                                      |                                                                                                                                           |
| Lens Type                        | DC auto iris                                                                       |                                                                                                                                           |
| Mount Type                       | Board type                                                                         |                                                                                                                                           |
| PAN / TILT                       |                                                                                    |                                                                                                                                           |
| Pan Range                        | 0° ~ 352°                                                                          |                                                                                                                                           |
| Tilt Range                       | 0° ~ 73°                                                                           |                                                                                                                                           |
| Rotate Range                     | 0° ~ 348°                                                                          |                                                                                                                                           |
| OPERATIONAL                      |                                                                                    |                                                                                                                                           |
| On Screen Display                | English, Japanese, Spanish,<br>French, Portuguese, Korean                          | English, French, German, Spanish, Italian, Chinese,<br>Russian, Polish, Czech, Romanian, Serbian, Swedish,<br>Danish, Turkish, Portuguese |
| Camera Title                     | Off / On (Displayed 15 characters)                                                 |                                                                                                                                           |
| Day & Night                      | Auto (ICR) / Color / B/W / External D/N                                            |                                                                                                                                           |
| Backlight Compensation           | Off / BLC / HLC                                                                    |                                                                                                                                           |
| Contrast Enhancement             | SSDR (Off / On)                                                                    |                                                                                                                                           |
| Digital Noise Reduction          | SSNRIII (Off / On)                                                                 |                                                                                                                                           |
| Defog                            | Off / Auto / Manual                                                                |                                                                                                                                           |
| Motion Detection                 | Off / On                                                                           |                                                                                                                                           |
| Privacy Masking                  | Off / On (8 programmable zones)                                                    |                                                                                                                                           |
| Sens-up (Frame Integration)      | 2x ~ 512x                                                                          |                                                                                                                                           |
| Gain Control                     | Off / Low / Middle / High                                                          |                                                                                                                                           |
| White Balance                    | ATW / Outdoor / Indoor / Manual / AWC (1,800°K ~ 10,500°K)                         |                                                                                                                                           |
| Electronic Shutter Speed         | 1/60 ~ 1/120,000sec                                                                | 1/50 ~ 1/120,000sec                                                                                                                       |
| Reverse                          | H-Rev (Off / On)                                                                   |                                                                                                                                           |
| Communication                    | Coaxial control (SPC-300 compatible)                                               |                                                                                                                                           |
| Protocol                         | Coax : Pelco-C (Coaxitron)                                                         |                                                                                                                                           |
| IR Distance                      | 20m (IR LED 12ea)                                                                  |                                                                                                                                           |
| ENVIRONMENTAL                    |                                                                                    |                                                                                                                                           |
| Operating Temperature / Humidity | -10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH                                  |                                                                                                                                           |
| Ingress Protection               | IP66 grade                                                                         |                                                                                                                                           |
| ELECTRICAL                       |                                                                                    |                                                                                                                                           |
| Input Voltage / Current          | Dual (24V AC & 12V DC ±10%)                                                        |                                                                                                                                           |
| Power Consumption                | Max. 3.3W                                                                          |                                                                                                                                           |
| MECHANICAL                       |                                                                                    |                                                                                                                                           |
| Color / Material                 | Ivory / Aluminum, Plastic (Dome cover : Smoked)                                    |                                                                                                                                           |
| Dimensions (WxHxD)               | Ø137.0 x 106.0mm (Ø5.39" x 4.17")                                                  |                                                                                                                                           |
| Weight                           | 713g (1.57 lb)                                                                     |                                                                                                                                           |

## Dimensions

Unit : mm (inch)



## Accessory (Optional)



The Eco mark represents Samsung Techwin'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

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