

# Unparalleled Durability



High Resolution Vandal-Resistant Dome Camera

## SCV-2080

Equipped with the high performance W-V DSP chipset, the SCV-2080 high resolution vandal dome camera provides a horizontal resolution of 600TV lines for exceptional imaging. With a low light level of 0.15Lux, it forms noise-free images even in the darkest conditions and the extra-sturdy aluminum chassis provides unparalleled durability. The built-in 3.6X vari-focal lens (2.8 ~ 10mm) provides an optimal monitoring range in any installation environment. This camera features enhanced user-friendly options including a multi-language OSD, coaxial control compatibility, SSDR and DIS.

- High resolution of 600TV lines
- Low light illumination of 0.15Lux
- Built-in 3.6x (2.8~10mm) varifocal lens with auto iris
- Two types of installation (flush or surface mount)
- SSDR, coaxial control support



# High Resolution Vandal-Resistant Dome Camera

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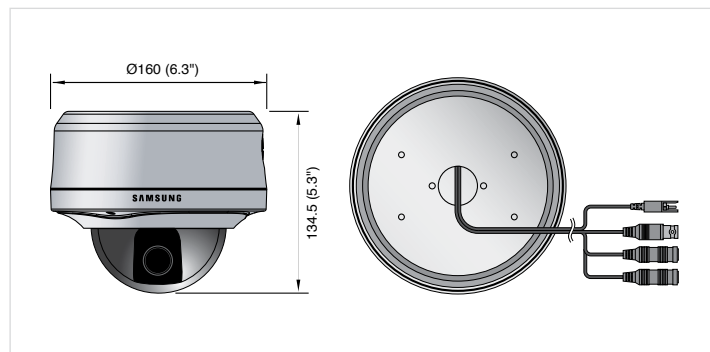


### Specifications

|                                  | SCV-2080N   | SCV-2080P  |
|----------------------------------|---|--|
| <b>ELECTRICAL</b>                |   |  |
| Input Voltage                    | Dual (12V DC/ 24V AC)   |  |
| Power Consumption                | Max. 7.8W   |  |
| <b>VIDEO</b>                     |   |  |
| Imaging Device                   | 1/3" Super 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 Interface   |  |
| Synchronization                  | Internal / Line lock  |  |
| Frequency                        | H : 15.734KHz / V : 59.94Hz   | H : 15.625KHz / V : 50Hz   |
| Horizontal Resolution            | Color : 600TV lines (Min.) / B/W : 700TV lines (Min.)                                   |  |
| Min. Illumination                | Color : 0.15Lux (50IRE@F1.2), 0.0003Lux (Sens-up, 512x)<br>B/W : 0.001Lux (50 IRE@F1.2) |  |
| S / N (Y signal)                 | 52dB  |  |
| Video Output                     | CVBS : 1.0Vp-p / 75Ω composite  |  |
| <b>LENS</b>                      |   |  |
| Zoom Ratio                       | 3.6x (Manual)   |  |
| Focal Length                     | 2.8 ~ 10mm (F1.2)   |  |
| Max. Aperture Ratio              | 1 : 1.2(Wide) ~ 2.8(Tele)   |  |
| Min. Object Distance             | 0.2m (0.66ft)   |  |
| Angular Field of View            | H : 94.4°(Wide) ~ 28°(Tele) / V : 69.2°(Wide) ~ 21°(Tele)                               |  |
| <b>PAN / TILT / ROTATE</b>       |   |  |
| Pan Range                        | 0° ~ 340°   |  |
| Tilt Range                       | 0° ~ 146°   |  |
| Rotate Range                     | 0° ~ 340°   |  |
| <b>OPERATIONAL</b>               |   |  |
| On Screen Display                | English, Japanese, Spanish<br>French, Portuguese, Taiwanese, Korean                     | English, French, German, Spanish, Italian, Chinese, Russian,<br>Polish, Czech, Romanian, Serbian, Swedish, Danish, Turkish, Portuguese |
| Camera Title                     | On / Off (Displayed 15 characters)  |  |
| Day & Night                      | Auto (ICR) / Color / B/W  |  |
| SSDR                             | On / Off (Level adjustable)   |  |
| Backlight Compensation           | BLC / HLC / Off   |  |
| Motion Detection                 | On / Off (8 programmable zones)   |  |
| Digital Zoom                     | On / Off (1x ~ 16x)   |  |
| Digital Image Stabilization      | On / Off  |  |
| Privacy Masking                  | On / Off (12 programmable zones)  |  |
| 2D+3D Noise Filter (SSNRIII)     | On / Off  |  |
| Sens-up (Frame Integration)      | Auto / Off (Selectable limit ~ 512x)  |  |
| Gain Control                     | Low / High / Off  |  |
| White Balance                    | ATW / AWC / Manual / Indoor / Outdoor   |  |
| Electronic Shutter Speed         | 1/60 ~ 1/120,000sec   | 1/50 ~ 1/120,000sec  |
| Shutter Mode                     | Fixed / ESC / Manual / A.FLK  |  |
| Flip / Mirror                    | On / Off  |  |
| Communication                    | RS-485, Coaxial control   |  |
| Protocol                         | Samsung-T, Samsung-E, Pelco-D, Pelco-P, Bosch, Honeywell, Vicon, Panasonic              |  |
| <b>ENVIRONMENTAL</b>             |   |  |
| Operating Temperature / Humidity | -50°C ~ +50°C (-58°F ~ +122°F) / 20% ~ 90% RH   |  |
| <b>MECHANICAL</b>                |   |  |
| Dimension (WxH)                  | Ø160 x 134.5mm (Ø6.3" x 5.3")   |  |
| Weight                           | 1.28Kg (2.82 lb)  |  |
| Ingress Protection               | IP66  |  |
| Certifications                   | FCC (Class A), UL/cUL listed  | CE (Class A), UL/cUL listed  |

### 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.

Design and specifications are subject to change without notice.



#### 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.

1480 Charles Willard St. Carson, CA 90746, UNITED STATES  
Tel Free : +1-877-213-1222 Fax : +1-310-632-2195  
www.samsungcctvusa.com

#### SAMSUNG TECHWIN EUROPE LTD.

Samsung House, 1000 Hillwood Drive, Hillwood Business Park  
Chertsey, Surrey, UNITED KINGDOM KT16 OPS  
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

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