

## Better performance indoor dome



### High Resolution Varifocal Dome Camera

## SCD-2080E/2060E

Equipped with Samsung Techwin's latest W-V DSP chipset, the SCD-2080E/2060E achieves vivid graphics at 600TV lines resolution. With low light levels of 0.15Lux, it delivers clear images even at night. In addition, its 3.6x/2.4x varifocal lens provides maximum flexibility for installation. In addition there is built-in coaxial control compatibility, MD and SSR III function for improved performance.

- High resolution of 600TV lines, 700TV lines (B/W)
- Min. illumination 0.15Lux@F1.2 (Color), 0.001Lux (B/W)
- 3.6x V/F lens (2.8 ~ 10mm) : SCD-2080E
- 2.4x V/F lens (2.5 ~ 6mm) : SCD-2060E
- MD, SSR III (3D+2D), Coaxial control, Dual power

# High Resolution Varifocal Dome Camera

# SCD-2080E/2060E



SCD-2080E/2060E



SCD-2080EB/2060EB

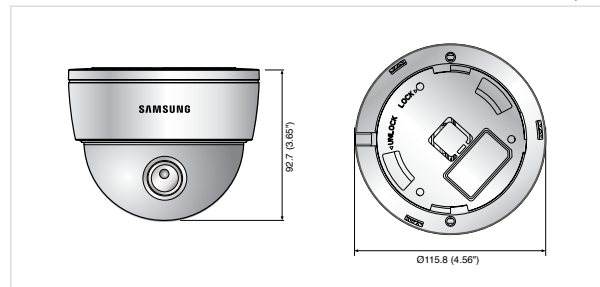
## Specifications

|                                | SCD-2080EN/2060EN   | SCD-2080EP/2060EP  |
|--------------------------------|---|--|
| <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, B/W : 700TV lines  |  |
| Min. Illumination              | Color : 0.15Lux@F1.2 (50IRE), 0.0003Lux (Sens-up, 512x)   |  |
| S / N Ratio                    | 52dB (AGC off, Weight on)   |  |
| Video Output                   | CVBS : 1.0 Vp-p / 75 composite  |  |
| <b>LENS</b>                    |   |  |
| Focal Length (Zoom Ratio)      | 2.8 ~ 10mm(3.6x) : SCD-2080E, 2.5 ~ 6mm(2.4x) : SCD-2060E   |  |
| 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) : SCD-2080E<br>H : 103.4°(Wide) ~ 46.6°(Tele) / V : 77.6°(Wide) ~ 35.1°(Tele) : SCD-2060E |  |
| Lens Type                      | DC auto iris  |  |
| Mount Type                     | Board type  |  |
| <b>PAN / TILT</b>              |   |  |
| Pan Range                      | 0° ~ 352°   |  |
| Tilt Range                     | 0° ~ 73°  |  |
| Rotate Range                   | 0° ~ 348°   |  |
| <b>OPERATIONAL</b>             |   |  |
| On Screen Display              | Multi-language support by coaxial cable<br>English, Japanese, Spanish, French,<br>Portuguese, Taiwanese, Korean                                     | Multi-language support by coaxial cable<br>English, French, German, Spanish, Italian,<br>Chinese, Russian, Polish, Czech, Romanian,<br>Serbian, Swedish, Danish, Turkish, Portuguese |
| Camera Title                   | Off / On (Displayed 15 characters)  |  |
| Day & Night                    | Auto (Electrical) / Color / B/W   |  |
| Backlight Compensation         | BLC / HLC / Off   |  |
| Contrast Enhancement           | SSDR (Off / On)   |  |
| Digital Noise Reduction        | SSNRlli (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 ~ 1/120,000sec   | 1/50 ~ 1/120,000sec  |
| Digital Zoom                   | Off / On (1x ~ 16x)   |  |
| Reverse                        | H-Rev (Off / On) / V-Rev (Off / On)   |  |
| Communication                  | Coaxial control (SPC-300 compatible)  |  |
| Protocol                       | Coax : Pelco-C (Coaxitron)  |  |
| <b>ENVIRONMENTAL</b>           |   |  |
| Operating Temperature/Humidity | -10°C ~ +50°C (+14°F ~ +122°F) / Less than 90% RH   |  |
| <b>ELECTRICAL</b>              |   |  |
| Input Voltage / Current        | Dual (24V AC & 12V DC ±10%)   |  |
| Power Consumption              | Max. 3.5W   |  |
| <b>MECHANICAL</b>              |   |  |
| Color / Material               | Ivory / Plastic (Dome cover : Clear)  |  |
| Dimensions (WxH)               | Ø115.8 x 92.7mm (4.56" x 3.65")   |  |
| Weight                         | 345g (0.76 lb)  |  |

\* Derivative products : SCD-2080EB/2060EB

## 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 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

■ DISTRIBUTED BY

