

High performance, Stylish indoor dome



High Resolution WDR Varifocal Dome Camera

SCD-3081

Equipped with our latest SV-V DSP chipset, the SCD-3081 achieves vivid graphics at 650TV lines resolution. With low light levels of 0.1lux, it delivers crystal clear images even in the dark environment. In addition, the SCD-3081's 3.9x varifocal lens (2.8 ~ 11mm) provides maximum flexibility for installation and also, there is built-in coaxial control compatibility, VPS (Virtual Progressive Scan) and intelligent video analytics for user convenience.

- High resolution of 650TV lines, 700TV lines (B/W)
- Min. illumination 0.1Lux@F1.2 (Color), 0.01Lux (B/W)
- 3.9x V/F lens (2.8 ~ 11mm), WDR, VPS, intelligent Video
- True Day & Night (ICR), MD, SSNR III (3D+2D)
- Coax : Pelco-C (Coaxitron), Dual voltage(N/P)

High Resolution WDR Varifocal Dome Camera

SCD-3081

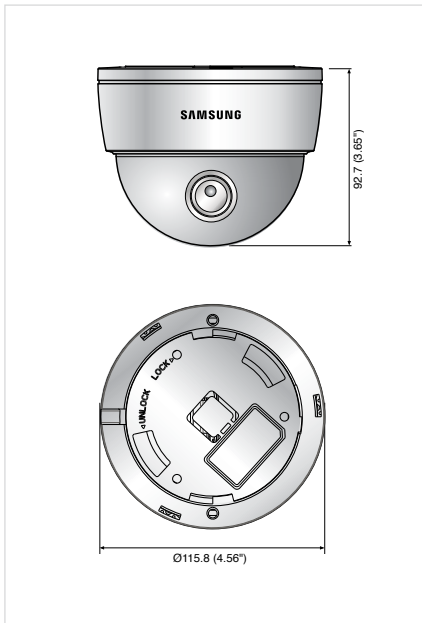


Specifications

| | SCD-3081N | SCD-3081P |
|----------------------------------|--|--|
| VIDEO | | |
| Imaging Device | 1/3" Super HAD CCD II (Double scan) | |
| 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 : 650TV lines, B/W : 700TV lines | |
| Min. Illumination | Color : 0.1Lux@F1.2 (50IRE), 0.0002Lux (Sens-up, 512x) B/W : 0.01Lux@F1.2 (50IRE), 0.00002Lux (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) | 2.8 ~ 11mm (3.9x) | |
| Max. Aperture Ratio | 1 : 1.2(Wide) ~ 2.8(Tele) | |
| Angular Field of View | H : 94°(Wide) ~ 26°(Tele) / V : 67°(Wide) ~ 20°(Tele) | |
| Min. Object Distance | 0.2m (0.66ft) | |
| Lens Type | DC auto iris | |
| Mount Type | Board type | |
| PAN / TILT | | |
| Pan Range | 0° ~ 340° | |
| Tilt Range | 0° ~ 73° | |
| Rotate Range | 0° ~ 340° | |
| OPERATIONAL | | |
| On Screen Display | Multi-language support by coaxial cable English, Japanese, Spanish, French, Portuguese, Taiwanese, Korean | Multi-language support by coaxial cable English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech, Romanian, Serbian, Swedish, Danish, Turkish, Portuguese |
| Camera Title | Off / On (Displayed 15 characters) | |
| Day & Night | Auto (ICR) / External / Color / B/W | |
| Backlight Compensation | Off / User BLC / HLC / SDDR / WDR | |
| Wide Dynamic Range | 128x | 160x |
| Contrast Enhancement | SSDR (Off / On) | |
| Digital Noise Reduction | SSNRll (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 | Off / H-Rev / V-Rev / HV-Rev | |
| Profile | Basic / Day & Night / Backlight / ITS / Indoor / User | |
| VPS | Off / On | |
| Intelligent Video | Fixed / Moved / Area / Fence / Tracking / Detection / Counting | |
| PIP | Off / On | |
| Alarm | 1 Out | |
| Communication | Coaxial control (SPC-300 compatible) | |
| Protocol | Coax : Pelco-C (Coaxitron) | |
| ENVIRONMENTAL | | |
| Operating Temperature / Humidity | -10°C ~ +50°C (+14°F ~ +122°F) / Less than 90% RH | |
| ELECTRICAL | | |
| Input Voltage / Current | Dual (24V AC & 12V DC ±10%) | |
| Power Consumption | Max. 3.5W | |
| MECHANICAL | | |
| Color / Material | Ivory / Plastic (Dome cover : Clear) | |
| Dimensions (WxH) | Ø115.8 x 92.7mm (4.56" x 3.65") | |
| Weight | 365g (0.8 lb) | |

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.

100 Challenger Rd. Suite 700 Ridgefield Park, NJ 07660
Toll Free : +1-877-213-1222 Direct : +1-201-325-6920
Fax : +1-201-373-0124
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

