

SAMSUNG

WV

# Breakthrough Clarity

High Resolution 600TV lines



High Resolution Day & Night Camera

## SCB-2000

- Crystal Clear Color Images at 600TV lines Resolution
- Ultra Low Light Level of 0.05Lux
- 2D/3D Filtering Noise Reduction Technology SSNRIII
- HLC (Highlight Compensation) Backlight Compensation Technology
- SDDR (Samsung Super Dynamic Range)
- DIS (Digital Image Stabilization) Technology, COAX Control



03-2010

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# High Resolution Day & Night Camera

## SCB-2000

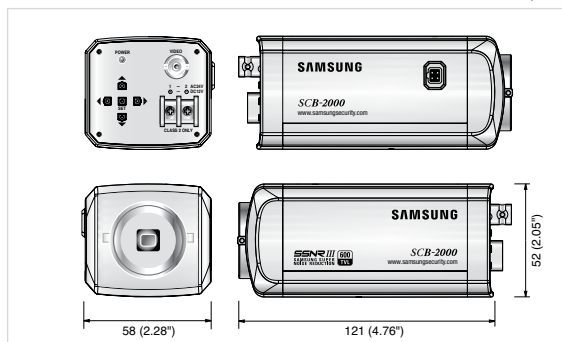


### Specifications

|                                  | SCB-2000N   | SCB-2000ND     | SCB-2000P   | SCB-2000PD     | SCB-2000PH           |
|----------------------------------|---|----------------|---|----------------|----------------------|
| <b>ELECTRICAL</b>                |   |                |   |                |                      |
| Input Voltage                    | Dual (12V DC / 24V AC)  | 12V DC         | Dual (12V DC / 24V AC)  | 12V DC         | 230V AC              |
| Power Consumption                | Max. 3.5W   | Max. 2.5W      | Max. 3.5W   | Max. 2.5W      | Max. 4.0W            |
| <b>VIDEO</b>                     |   |                |   |                |                      |
| Imaging Device                   | 1/3" Super HAD CCD  |                |   |                |                      |
| Total Pixels                     | 811(H) x 508(V)   |                | 795(H) x 596(V)   |                |                      |
| Effective Pixels                 | 678(H) x 494(V)   |                | 752(H) x 582(V)   |                |                      |
| Scanning System                  | 2 : 1 Interlace   |                |   |                |                      |
| Synchronization                  | Internal / Line lock  | Internal       | Internal / Line lock  | Internal       | Internal / Line lock |
| Frequency                        | H : 15.734KHz / V : 59.94Hz                                       |                | H : 15.625KHz / V : 50Hz  |                |                      |
| Horizontal Resolution            | 600TV lines (Min.)  |                |   |                |                      |
| Min. Illumination                | Color : 0.05Lux (50 IRE@F1.2), 0.0001Lux (Sens-up, 512X)          |                |   |                |                      |
| S / N (Y signal)                 | 52dB (AGC off, Weight on)   |                |   |                |                      |
| Video Output                     | CVBS : 1.0 Vp-p / 75 composite                                    |                |   |                |                      |
| <b>OPERATIONAL</b>               |   |                |   |                |                      |
| On Screen Display                | English, Japanese, Spanish, French, Portuguese, Taiwanese, Korean |                | 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 (Electrical) / Color / B/W                                   |                |   |                |                      |
| SDDR                             | 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 (SSNR III)    | On / Off  |                |   |                |                      |
| Sens-up (Frame Integration)      | Auto / Off (Selectable 2x ~ 512x)                                 |                |   |                |                      |
| Gain Control                     | Low / High / Off  |                |   |                |                      |
| White Balance                    | ATW / Outdoor / Indoor / Manual / AWC (1,700°K ~ 11,000°K)        |                |   |                |                      |
| Electronic Shutter Speed         | 1/60 ~ 1/120,000sec   |                | 1/50 ~ 1/120,000sec   |                |                      |
| Sharpness                        | On / Off (Level adjustable)                                       |                |   |                |                      |
| Flip / Mirror                    | On / Off  |                |   |                |                      |
| Communication                    | Coaxial control   |                |   |                |                      |
| <b>ENVIRONMENTAL</b>             |   |                |   |                |                      |
| Operating Temperature / Humidity | -10°C ~ +50°C (+14°F ~ +122°F) / 30% ~ 90% RH                     |                |   |                |                      |
| <b>MECHANICAL</b>                |   |                |   |                |                      |
| Dimension (WxHxD)                | 58 x 52 x 121mm (2.28" x 2.05" x 4.76")                           |                |   |                |                      |
| Weight                           | 310g (0.68 lb)  | 290g (0.64 lb) | 310g (0.68 lb)  | 290g (0.64 lb) | 510g (1.12 lb)       |
| Lens Mount                       | C / CS  |                |   |                |                      |
| Certifications                   | FCC (Class A), UL/cUL listed                                      |                | FCC (Class A)   |                | CE (Class A)         |

### Dimensions

Unit : mm (inch)



### Rear Panel



Design and specifications are subject to change without notice.



The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.



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