

Clear Image in the Dark

650TV Lines



Super High Resolution Camera

SCB-3001

- 1/3 inch, 520K pixel(NTSC)/610K(PAL) Color Double Density CCD
- Super high resolution 650TV lines color images
- Low light sensitivity of min. 0.1Lux
- 2D/3D filtering noise reduction technology (SSNRIII)
- 128x (NTSC) / 160x (PAL) WDR (Wide Dynamic Range)
- Day & Night (ICR) function, 512x sens-up support
- PIP, coaxial control support
- Intelligence Function (Moved / Fixed, Virtual Line, Object Count)
- VPS (Virtual Progressive Scan)

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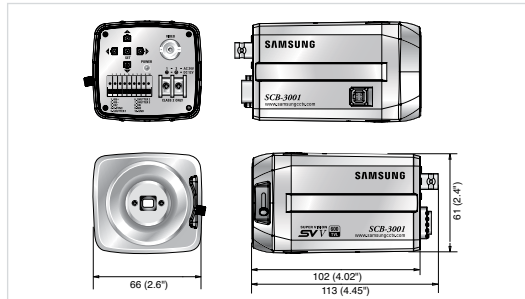


Specifications

| | SCB-3001N | SCB-3001P |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Electrical | | |
| Input Voltage | Dual (12V DC / 24V AC) | |
| Power Consumption | Max. 4.0W | |
| VIDEO | | |
| Imaging Device | 1/3" Vertical double density interline CCD | |
| Total Pixels | 1028(H) x 508(V) | 1028(H) x 596(V) |
| Effective Pixels | 976(H) x 494(V) | 976(H) x 582(V) |
| Scanning System | 2 : 1 Interlace / Progressive | |
| 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 (50IRE@F1.2), 0.0002Lux (Sens-up, 512x) B/W : 0.01Lux (50IRE@F1.2), 0.00002Lux (Sens-up, 512x) | |
| S / N (Y signal) | 52dB (AGC off, Weight on) | |
| Video Output | CVBS : 1.0 Vp-p / 75 composite | |
| OPERATIONAL | | |
| 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 | On / Off | |
| Day & Night | Auto / EXT / Color / B/W | |
| SSDR | On / Off (Level adjustable) | |
| Backlight Compensation | Off / User BLC / HLC / SSDR / WDR | |
| Wide Dynamic Range | 128x | 160x |
| 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 2x ~ 512x) | |
| Gain Control | Low / High / Off | |
| White Balance | ATW / AWC / Manual / Outdoor / Indoor (1,700°K ~ 11,000°K) | |
| Electronic Shutter Speed | Auto (NTSC : 1/60 ~ 1/120,000sec, PAL : 1/50 ~ 1/120,000) / Manual / A.FLK / External | |
| Digital Zoom | On / Off (1x ~ 16x) | |
| Sharpness | On / Off (Level adjustable) | |
| Reverse | Off / H-REV / V-REV / HV-REV | |
| Communication | RS-485, Coaxial control | |
| Protocol | Samsung-T, Samsung-E, Pelco-D, Pelco-P, Bosch, Honeywell, Vicon, Panasonic | |
| ENVIRONMENTAL | | |
| Operating Temperature / Humidity | -10°C ~ +50°C (+14°F ~ +122°F) / Less Than 90% RH | |
| MECHANICAL | | |
| Dimension (WxHxD) | 66 x 61 x 102mm (2.6" x 2.4" x 4.02") | |
| Weight | 310g (0.68 lb) | |
| Lens Mount | C / CS | |
| Certifications | FCC (Class A), UL | CE (Class A), UL |

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.



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