

# 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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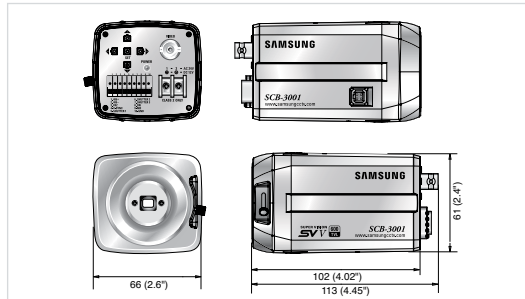


### Specifications

	SCB-3001N	SCB-3001P
<b>Electrical</b>		
Input Voltage	Dual (12V DC / 24V AC)	
Power Consumption	Max. 4.0W	
<b>VIDEO</b>		
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	
<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	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	
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / Less Than 90% RH	
<b>MECHANICAL</b>		
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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