

# High performance 650 TV Lines Camera



Premium Resolution Camera

## SCB-2002

The SCB-2002 provides 650 TV lines of high resolution and come with exceptional features from Samsung Techwin's SV5 DSP chipset. The high functionalities include SSNR<sup>III</sup> (Samsung Super Noise Reduction), SDDR (Samsung Super Dynamic Range), HLC (Highlight Compensation), and DIS (Digital Image Stabilization) to produce unmatched video quality.

- High Resolution of 650TV Lines ( Color ), 700TV Lines ( B/W )
- Min. Illumination 0.1Lux @F1.2 ( Color ), 0.01 Lux ( B/W )
- True Day & Night (ICR), MD
- SSNR<sup>III</sup> (3D+2D), Coaxial Control, RS-485, Dual Power & 230VAC

# Premium Resolution Camera

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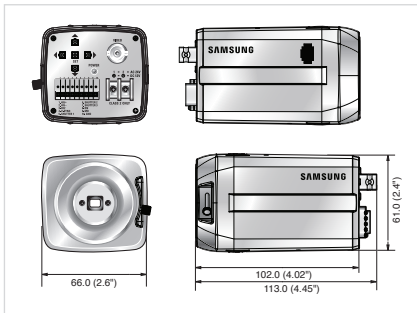


## Specifications

	SCB-2002N	SCB-2002P	SCB-2002PH
<b>VIDEO</b>			
Imaging Device	1/3" Super HAD CCD II		
Total Pixels	1,028(H) x 508(V)	1,028(H) x 596(V)	
Effective Pixels	976(H) x 494(V)	976(H) x 582(V)	
Scanning System	2:1 Interlace		
Synchronization	Internal / Line lock / Extern		
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, 0.0002Lux (Sens-up, 512x) B/W : 0.01Lux@F1.2, 0.00002Lux (Sens-up, 512x)		
S / N Ratio	52dB (AGC off, Weight on)		
Video Output	CVBS : 1.0 Vp-p / 75Ω composite		
<b>LENS</b>			
Lens Type	Manual / Auto iris (Video / DC)		
Mount Type	C / CS		
<b>OPERATIONAL</b>			
On Screen Display	English, Japanese, Spanish, French, Portuguese, 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 (ICR) / External / Color / B/W		
Backlight Compensation	Off / User BLC / HLC / SSSDR		
Contrast Enhancement	SSDR		
Digital Noise Reduction	SSNRILL (Off / On)		
Digital Image Stabilization	Off / On		
Motion Detection	Built-in		
Privacy Masking	Off / On (12 programmable zones with polygonal masking)		
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		
PIP	Off / On		
Alarm	1 Out		
Communication	Coaxial control (SPC-300 compatible), RS-485		
<b>Protocol</b>			
	Coax : Pelco-C (Coaxitron) RS-485 : Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, GE, AD		
<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 (24VAC ±10% & 12VDC ±10%)		230VAC ±10%
Power Consumption	Max. 4.2W		Max. 4.5W
<b>MECHANICAL</b>			
Color / Material	Black, Silver / Aluminum, Steel		
Dimensions (WxHxD)	66.0 x 61.0 x 102.0mm (2.6" x 2.4" x 4.02")		66.0 x 61.0 x 115.0mm (2.6" x 2.4" x 4.53")
Weight	310g (0.68lb)		540g (1.19lb)

## 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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