

High performance at low light levels



High Resolution Low Light Camera

SCB-2001

The SCB-2001 delivers 600 TV lines resolution and low light performance to 0.05 lux of minimum illumination, providing clear images in demanding conditions. The A1 DSP chipset at its core provides a host of advanced features, such as integrated IR cut-filter (ICR) for true day/night performance and intelligent video functions. Camera set-up can be achieved via RS-485 and coaxial control compatibility (SEC) is included. The SCB-2001 is the ideal choice of camera for a wide range of applications that require superb quality and flexibility.

- High resolution of 600 TV Lines
- Min. illumination of 0.05Lux (F1.2, Color)
- Day & Night (ICR)
- Coaxial (SEC) & RS-485 control
- Intelligent video (Moved / Fixed / Fence / Area / Tracking)

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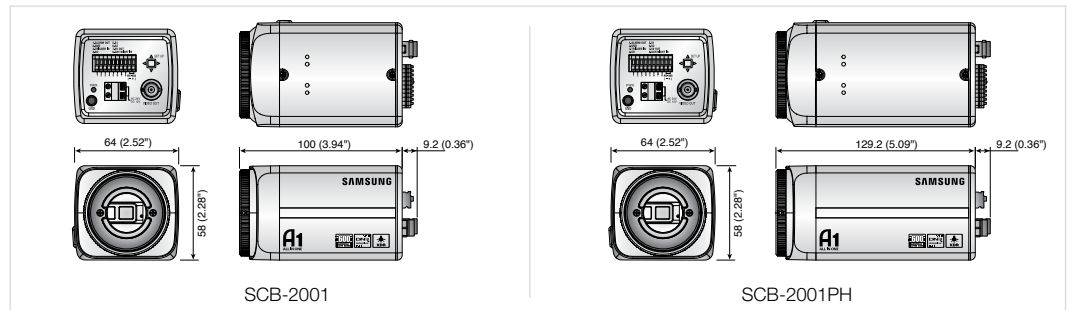


Specifications

	SCB-2001N	SCB-2001P	SCB-2001PH
VIDEO			
Imaging Device	1/3" Super HAD CCD II		
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 : 600TV lines, B/W : 700TV lines		
Min. Illumination	Color : 0.05Lux@F1.2 (50IRE), 0.0001Lux (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			
Lens Type	Manual / Auto iris (Video / DC)		
Mount Type	C / CS		
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	Off / On (Displayed 54 characters)		
Day & Night	Day / Night / Auto / Ext		
Backlight Compensation	Off / On (Area setting)		
Contrast Enhancement	XDR (Off / Low / Mid / High)		
Digital Noise Reduction	Adaptive 3D+2D (Off / Low / Mid / High / User)		
Digital Image Stabilization	Off / On		
Motion Detection	Off / Tracking / Detection		
Privacy Masking	Off / On (12 programmable zones with polygonal masking)		
Sens-up (Frame Integration)	2x ~ 512x		
Gain Control	Off / On		
White Balance	ATW1 / ATW2 / AWC (Manual) / 3200K / 5600K		
Electronic Shutter Speed	1/60 ~ 1/200,000sec	1/50 ~ 1/200,000sec	
Digital Zoom	Off / On (1x ~ 16x)		
Reverse	Off / H / V / H/V		
Profile	Standard / ITS / Backlight / Day & Night / Gaming / Custom		
Intelligent Video	Fixed / Moved, Fence (Line, Area)		
PIP	Off / On		
Alarm	1 Out		
Communication	Coaxial control (SPC-300 compatible), RS-485		
Protocol	Coax : CCVC RS-485 : Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, GE		
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%)		230V AC ±10%
Power Consumption	Max. 3.0W		Max. 4.1W
MECHANICAL			
Color / Material	Silver / Aluminum, Steel		
Dimensions (WxHxD)	64.0 x 58.0 x 100.0mm (2.52" x 2.28" x 3.94")		
Weight	305g (0.67 lb)		395g (0.87 lb)

Dimensions

Unit : mm (inch)



SCB-2001

SCB-2001PH



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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