

# SCB-4000

## 1/2" High Resolution Low Light Camera

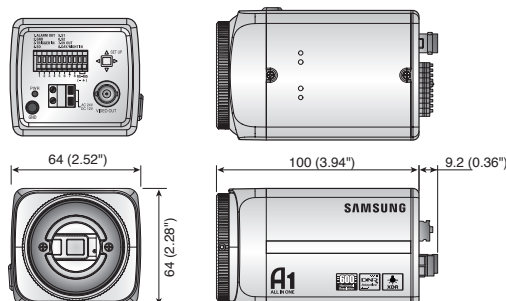


### Features

- 1/2" Ex-view HAD color CCD
- Motion adaptive digital noise reduction (3D+2D)
- eXtended Dynamic Range (XDR)
- High resolution of 600TV lines (Color), 700TV lines (B/W)
- Min. illumination of 0.1Lux@F1.2 (Color)  
0.01Lux@F1.2 (B/W)  
0.0002Lux@F1.2 (Color sens-up)
- Internal / Linelock (Phase control) function
- True Day & Night (ICR) • ALC (Video/DC) / ELC
- Privacy masking with 12 programmable zones (Polygonal mosaic)
- Advanced motion detection function
- High shutter speed control by external trigger
- Coaxial & RS-485 control
- 512x sens-up support
- Multi-Language OSD
- Intelligent video (Moved / Fixed / Fence / Area / Tracking)
- S/N ratio of 52dB
- Dual voltage : 12V DC / 24V AC
- High voltage : 230V AC (SCB-4000PH)

### Dimensions

Unit : mm (inch)



### Technical Specifications

	SCB-4000N	SCB-4000P	SCB-4000PH
<b>ELECTRICAL</b>			
Input Voltage	Dual (12V DC / 24V AC)		230V AC
Power Consumption	Max. 4.0W		
<b>VIDEO</b>			
Imaging Device	1/2" Ex-view HAD CCD		
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 (Min.) / B/W : 700TV lines (Min.)		
Min. Illumination	Color : 0.1Lux (50IRE@F1.2), 0.0002Lux (Sens-up, 512x) B/W : 0.01Lux (50IRE@F1.2)		
S / N (Y signal)	52dB (AGC off, Weight on)		
Video Output	CVBS : 1.0 Vp-p / 75Ω composite		
<b>OPERATIONAL</b>			
On Screen Display	English, Japanese, Spanish, French, Portuguese, Taiwanese, Korean	English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech, Danish, Turkish	
Camera Title	On / Off (Max. 54ea / 2 lines)		
Day & Night	Auto (ICR) / Extern / Color / B/W		
Digital Noise Reduction	On / Off		
Backlight Compensation	BLC (On / Off)		
eXtended Dynamic Range	Low / Medium / High / Off		
Digital Image Stabilization	On / Off		
Privacy Masking	On / Off (12 polygonal programmable zones)		
2D+3D Noise Filter (A1)	Off / Very low / Low / Medium / High / Very high / User / Fix		
Sens-up (Frame Integration)	On / Off (Selectable limit ~ 512x)		
Gain Control	Low / High / Off		
White Balance	ATW1 / ATW2 / AWC (Manual) / 3200°K / 5600°K		
Electronic Shutter Speed	1/60 ~ 1/10,000sec	1/50 ~ 1/10,000sec	
Digital Zoom	On / Off (2x ~ 16x)		
Intelligent Video	On / Off (Moved / Fixed / Fence / Area / Tracking)		
PIP	On / Off		
Communication	RS-485, Coaxial control (CCVC)		
Protocol	Samsung-T, Samsung-E, Pelco-D, Pelco-P, Bosch, Honeywell, Vicon, Panasonic		
<b>ENVIRONMENTAL</b>			
Operating Temperature / Humidity	-10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH		
<b>MECHANICAL</b>			
Dimension (WxHxD)	64 x 58 x 109.2mm (2.52" x 2.28" x 4.3")		64 x 58 x 129.2mm (2.52" x 2.28" x 5.08")
Weight	305g (0.67 lb)		530g (1.17 lb)
Lens Mount	C / CS		
Certifications	FCC (Class A), UL (External power supply)   CE (Class A)		