

# SCB-4000

1/2" High Resolution XDR Camera

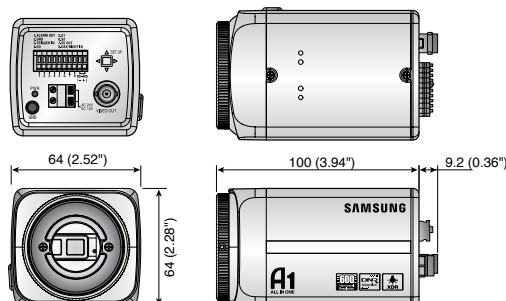


## Features

- 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 0.12Lux@F1.2 (Color)  
0.012Lux@F1.2 (B/W)  
0.00002Lux@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

## Dimensions

Unit : mm (inch)



## Technical Specifications

	SCB-4000N	SCB-4000P
<b>ELECTRICAL</b>		
Input Voltage	Dual (12V DC / 24V 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 : 0.12Lux (50IRE@F1.2), 0.00002Lux (Sens-up, 512x) B/W : 0.012Lux (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) / Color / B/W / EXT	
Digital Noise Reduction	On / Off	
Backlight Compensation	BLC (On / Off), ELC (On / Off)	
eXtended Dynamic Range	Low / Mid / High / Off	
Digital Image Stabilization	On / Off	
Privacy Masking	On / Off (12 polygonal programmable zones)	
2D+3D Noise Filter (A1)	Off / Very low / Low / Mid / 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	Auto (NTSC : 1/60 ~ 1/100,000sec, PAL : 1/50 ~ 1/100,000) / Manual	
Digital Zoom	On / Off (2x ~ 16x)	
Intelligent Video	On / Off (Moved / Fixed / Fence / Area / Tracking)	
PIP	On / Off	
Communication	RS-485, Coaxial control	
Protocol	Samsung-T, Samsung-E, Pelco-D, Pelco-P, Bosch, Honeywell, Vicon, Panasonic	
Smear Reduction	On / Off	
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 30% ~ 90% RH	
Storage Temperature / Humidity	-20°C ~ +60°C (-4°F ~ +140°F) / 30% ~ 90% RH	
<b>MECHANICAL</b>		
Dimension (WxHxD)	64 x 58 x 109.2mm (2.52" x 2.28" x 4.3")	
Weight	305g (0.67 lb)	
Lens Mount	C / CS	
LED Indicator	Built-in	
Certifications	FCC (Class A), UL (External power supply)	CE (Class A)