

SV V **NEW**

SCB-3000/3001

1/3" Super High Resolution WDR Camera

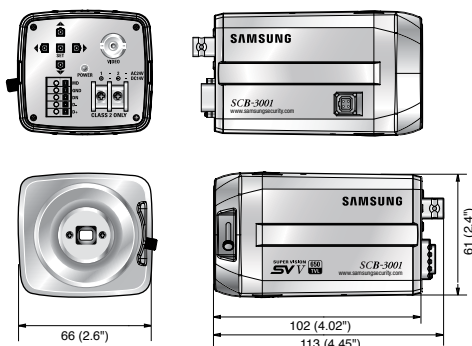


Features

- 1/3" Vertical double density color CCD
- Built-in SV-V, the latest generation of SV DSP engine
- Powerful dynamic range of 128x (NTSC), 160x (PAL)
- SSNR III, Upgraded 2D/3D noise reduction technology
- Excellent high resolution of 650TV lines (Color), 700TV lines (B/W) : SCB-3001
High resolution of 600TV lines (Color), 700TV lines (B/W) : SCB-3000
- Min. illumination of 0.3Lux@F1.2 (Color) : SCB-3000
0.1Lux@F1.2 (Color) : SCB-3001
0.01Lux@F1.2 (B/W)
0.0002Lux@F1.2 (Color sens-up)
- True Day & Night (ICR) • VPS (Virtual Progressive Scan)
- Privacy masking with 12 programmable zones (Polygonal mosaic)
- Intelligent video analysis
- SSSR (Samsung Super Dynamic Range)
- HLC (Highlight Compensation)
- DIS (Digital Image Stabilization)
- Coaxial & RS-485 control
- 512x sens-up support
- Multi-language OSD
- S/N ratio of 52dB
- Dual voltage : 12V DC / 24V AC

Dimensions

Unit : mm (inch)



Technical Specifications

	SCB-3000N	SCB-3001N	SCB-3000P	SCB-3001P
ELECTRICAL				
Input Voltage	Dual (12V DC / 24V AC)			
Power Consumption	Max. 4.0W			
VIDEO				
Imaging Device	1/3" Vertical double density interline CCD			
Total Pixels	811(H) x 508(V)	1028(H) x 508(V)	795(H) x 596(V)	1028(H) x 596(V)
Effective Pixels	768(H) x 494(V)	976(H) x 494(V)	752(H) x 582(V)	976(H) x 582(V)
Scanning System	2 : 1 Interlace / Progressive			
Synchronization	Internal / Line lock			
Frequency	H : 15.625KHz / V : 50Hz H : 16.734KHz / V : 59.94Hz H : 15.625KHz / V : 50Hz H : 15.734KHz / V : 59.94Hz			
Horizontal Resolution	Color : 600TV lines (Min.) / B/W : 700TV lines (Min.) : SCB-3000 Color : 650TV lines (Min.) / B/W : 700TV lines (Min.) : SCB-3001 Color : 0.3Lux/0.1Lux (50IRE@F1.2) : SCB-3000/3001, 0.0002Lux (Sens-up, 512x) B/W : 0.01Lux (50IRE@F1.2), 0.00002Lux (Sens-up, 512x)			
Min. Illumination				
S / N (Y signal)	52dB (AGC off, Weight on)			
Video Output	CVBS : 1.0 Vp-p / 75Ω composite			
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	On / Off			
Day & Night	Auto / EXT / Color / B/W			
SSDR	On / Off (Level adjustable)			
Backlight Compensation	Off / User BLC / HLC / SSSR / WDR			
Wide Dynamic Range	128x		160x	
Digital Image Stabilization	On / Off			
Privacy Masking	On / Off (12 programmable zones)			
2D+3D Noise Filter (SSNR III)	On / Off			
Sens-up (Frame Integration)	Auto / Off (Selectable 2x ~ 512x)			
Gain Control	Low / High / Off			
White Balance	AWC / Manual / Outdoor / Indoor / ATW (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			
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			
ENVIRONMENTAL				
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 30% ~ 90% RH			
MECHANICAL				
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 (External power supply)		CE (Class A), UL (External power supply)	