

# SCC-131B 1/3" High Resolution, Color Digital Camera



## • 520TV LINES RESOLUTION

SAMSUNG Electronics uses Super-HAD CCD, which specializes in high frequency & horizontal correction signals. By using Digital Signal Processing, we provide crisp clear, high resolution images.



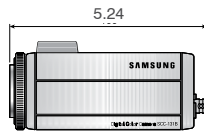
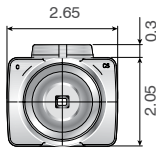
Standard Resolution



High Resolution

## Dimensions (unit : in)

Rear Panel



## Summary

The SCC-131B high resolution color camera is designed to perform in conditions where high resolution and clear imaging is required. The SCC-131B features a 1/3" IT Super HAD CCD imaging device and can be used with a variety of lens and mounting accessories.

The camera will operate in multiple lighting conditions due to the backlight compensation circuitry that yields an illumination sensitivity of 0.15 lux. Features also include switch programming for line lock, flicker prevention, auto white balance and electronic light control.

## Features

- 1/3 Inch IT Super HAD CCD
- 520TV Lines Resolution
- Minimum Scene Illumination: 0.15 Lux @ 15IRE (F1.2)
- DSP (Digital Signal Processing)
- 12VDC/AC24V (60Hz)
- Built-In Ground Fault Isolation Transformer

## Recommended Accessories

**GV-TRAN-24-40LED, 24VAC, 40VA**, Class II plug in transformer  
**GV-3.5-8ADC**, 1/3" 3.5-8mm, Vari-Focal, DC Auto Iris  
**GV-IDWMBG**; 6.25" indoor mount  
**GV-HOU3512HB**, IP66 rate, indoor/outdoor housing w/ Heater & Blower

\*See accessories page for more options

## • MINIMUM SCENE ILLUMINATION: 0.15 LUX @ 15IRE



General Screen



Low-Illumination Screen

## Specifications

Camera Type	Color	High Resolution Digital Camera
Image	Device	IT Super HAD CCD
	Size	1/3"
Scanning	Pixels	Total: 768 x 494
	System	525 lines, 2:1 Interlace
	Horz. Freq. Internal Mode	15,734Hz
	Horz. Freq. Line-lock Mode	15,750Hz
	Vert. Freq. Internal Mode	59.94Hz
Min. Scene Illumination	Color	0.15Lux @ 15IRE (F1.2)
		0.5 Lux @ 50IRE (F1.2)
Electronic Shutter speed	ELC	1/60 - 1/120,000 sec
Functions	BLC	ON
	AGC	ON
	ELC	ON/OFF
	ALC	DC Iris Lens/Video lens
	Line Lock	ON/OFF
	AWB	ON/OFF
	Flicker	ON/OFF
Lens	Mount	C/CS Compatible
	Control	DC Iris, Video Iris
Resolution	Horizontal	520 TV Lines
	Vertical	350 TV Lines
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p
S/N Ratio	S/N Ratio	50dB (AGC OFF)
OSD	OSD	NO
Environmental Conditions	Operating Temperature	-10° ~ 50°C (14° ~ 122°F)
	Humidity	Less than 90%
Power	Power Requirement	12VDC/AC24V (60Hz)
	Power Consumption	3W
	LED Indicator	Yes
Physical Specification	Dimensions (WxHxD)	2.65 x 2.05 x 5.24 in/ 67.3 x 52 x 133 mm
	Weight	1 lb / 450 g
Certifications	UL, FCC	