

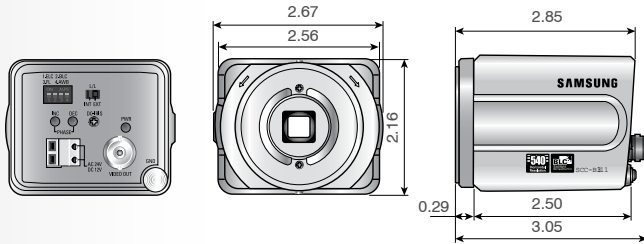
# SCC-BI311

1/3" High Resolution, Color, Compact Digital Camera



## Dimensions (unit : in)

Front/Rear Panel



## Summary

The SCC-BI311 is a high-resolution box camera that has implemented the horizontal resolution of 540TV Lines by taking advantage of the Digital Signal Processing and OLPF technologies.

## Features

- 1/3 Inch IT Super HAD CCD
- 540TV Lines Resolution
- Minimum Scene Illumination: 0.12 Lux @ 15IRE (F1.2)
- DSP (Digital Signal Processing)
- Excellent Back Light Compensations
- Digital Power Synchronization
- Dynamic CCD Defect Compensation
- Flickerless
- Automatic White Balance
- Line-Lock Synchronization
- Accepts Auto-Iris DC Lens
- 12VDC/AC24V (60Hz)
- Built-In Ground Fault Isolation Transformer

## 540TVL 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

## Dynamic CCD Defect Compensation

Dynamic CCD Defect is another new SAMSUNG Electronics technology that reduces background noise.



Competitor CCD



SAMSUNG CCD

## Specifications

Camera Type	High Resolution Color Camera	
Image	Device	Super HAD IT CCD
	Size	1/3"
	Pixels	Effective: 768 x 494
Min. Scene Illumination	0.12 Lux @ 15IRE (F1.2) 0.4 Lux @ 50IRE (F1.2)	
Electronic Shutter Speed	ELC	1/60 - 1/120,000 sec
Functions	BLC, Line Lock	ON/OFF
	ELC	ON/OFF(ALC)
	White Balance	ATW/AWC
Lens	Mount	C/CS compatible
	Lens Drive Type	ALC(DC Only)/ELC
Resolution	Horizontal	540TVL
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p
S/N Ratio	S/N Ratio	50dB
Environmental Conditions	Operating Temperature	-10° ~ +50°C (14° ~ +122°F)
	Humidity	Less than 90%
	Power Requirement	12VDC/AC24V (60Hz)
Power	Power Consumption	3W
	Dimensions (WxHxD)	2.68 x 2.17 x 3.03 in / 68 x 55 x 77.15 mm
	Weight	0.47 lb / 216 g
Certifications	RoHs, FCC,UL, CSA	Yes