

SCC-101BP/SCC-131B(P)

1/3" High Resolution, Color Digital Camera



Summary

This color camera is capable of superb observation, thanks to its state-of-the-art implementation of 1/3" CCD (410,000 pixels for NTSC, 470,000 pixels for PAL) with economical price.

Through the use of SONY CCD and the outstanding digital signal processor, this camera provides extremely sharp image quality. By using backlight compensation function it is able to give brighter and sharper images of an object darkened by background lighting or sunlight. Particularly, it applies the highly sensitive Super-HAD CCD, which allows optimum observation of parking lots or building interiors that are dimly lit at best.

Through the perfect Auto/Manual white balance function, the camera ensures accurate representation of colors under any environment. It has switches, with which it can selectively use the line-lock or flickerless function. By adopting the ELC function, it can use the manual Iris lens economically. Without ELC function, it can use the automatic lens of DC type or video selectively.

Its mechanism is designed to accommodate with any C/CS lens mount adaptor. The camera supports easy installation since it can be mounted either on the top or the bottom of the camera adaptor. SCC-101BP, since it is designed to make the use of AC230V power source, can be employed by being directly plugged into the receptacle. In case of SCC-131B(P), both AC24V and DC12V (nonpolar) are available with the use of power adapter.



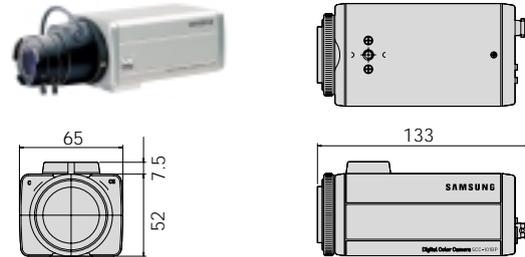
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1/3" High Resolution, Color Digital Camera

Features

- DSP (Digital Signal Processor)
- 1/3" 470,000 pixels, super HAD CCD
(For SCC-131B : 410,000 pixels)
- Horizontal resolution (520 TV lines)
- Back light compensation circuitry
- External synchronization with linelock
- Accepts 2 types of auto-iris lenses (DC/Video)
- Accepts CS/C-mount without adaptor
- Power input
(101BP : AC230V/131B(P) : AC24V/DC12V compatible)
- Built-in ground fault isolation transformer

Dimensions (unit : mm)



Rear Panel



Specifications

		SCC-101BP	SCC-131BP	SCC-131B
Camera Type	Color	Color	Color	Color
Image	Device	CCD	CCD	CCD
	Size	1/3 inch	1/3 inch	1/3 inch
	Pixels - Total	795 x 596	795 x 596	811 x 508
	Pixels - Effective	752 x 582	752 x 582	768 x 494
Scanning	System	Interlace	Interlace	Interlace
	Horizontal Frequency-Internal Mode	15,625 Hz	15,625 Hz	15,734 Hz
	Horizontal Frequency-Line-lock Mode	15,625 Hz	15,625 Hz	15,750 Hz
	Vertical Frequency-Internal Mode	50 Hz	50 Hz	59.94 Hz
	Vertical Frequency-Line-lock Mode	50 Hz	50 Hz	60 Hz
Min. scene illumination	Color	0.3 Lux	0.3 Lux	0.3 Lux
Functions	BLC	On	On	On
	AGC	On	On	On
	ELC	On(Max. 1/120Ksec)	On(Max. 1/120Ksec)	On(Max. 1/120Ksec)
	Line Lock	Off/On	Off/On	Off/On
	White Balance	ATW/AWC	ATW/AWC	ATW/AWC
	Resolution	Horizontal	520 TV Lines	520 TV Lines
	Vertical	350 TV Lines	350 TV Lines	350 TV Lines
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p	VBS 1.0Vp-p	VBS 1.0Vp-p
S/N Ratio	S/N Ratio	50dB	50dB	50dB
Lens	Lens Drive Type	AI(Video/DC)	AI(Video/DC)	AI(Video/DC)
OSD	OSD	No	No	No
Environmental Conditions	Operating Temperature	-10 °C ~ +50 °C	-10 °C ~ +50 °C	-10 °C ~ +50 °C
	Humidity	Less than 90%	Less than 90%	Less than 90%
Power	Power Requirement	AC220V ~ 240V(50Hz)	AC24V(50Hz)±10%, DC12V+10%/-5%	AC24V(60Hz)±10%, DC12V+10%/-5%
	Power Consumption	4W	3W	3W
	LED Indicator	Yes	Yes	Yes
Physical Specification	Dimensions (WxHxD)-Net	65 x 52 x 133 mm	65 x 52 x 133 mm	65 x 52 x 133 mm
	Weight-Net	550g	450g	450g
	Loading Quantity(20/40ft)	10,560/21,870	10,560/21,870	10,560/21,870
	Package Size	530 x 241 x 182 mm	530 x 241 x 182 mm	530 x 241 x 182 mm

* "P" indicates PAL model & "N" or no specific alphabet after the model name indicates NTSC model.

* Design and specifications are subject to change without notice.



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