

SCC-B2303(P)/SCC-B2003P

1/3" High Resolution, Day/Night Color Digital Camera



Summary

This color camera incorporates the 1/3" Super-HAD CCD (410,000 pixels for NTSC, 470,000 pixels for PAL) and as such can operate 24 hours a day by automatically switching to color mode during the day and black and white (B/W) mode at night.

It employs the SONY CCD and utilizes a superior Digital Signal Processor to supply sharp images of high resolution. Under illumination higher than a certain level, it provides outstanding color images in color mode and clear images in B/W mode under low level illumination.

The camera utilizes the low light function that incorporates the AGC function and low-speed shutter, so that along with the Day/Night function, it can represent clear images even under diffused conditions such as dimly lit parking lots or building interiors. By way of its perfect white balance function, the camera ensures accurate representation of colors under any setting. Through the use of the MICOM, the camera can be controlled perfectly, and combined with the OSD, the MICOM provides various additional functions. Its exceptional BLC (Back Light Compensation) function ensures perfect backlight compensation effect every time by allowing the user to setup five preset zones, positions or sizes for the object darkened by backlighting.

In addition, it can be applied for various purposes since it has a Motion Detection function, a Camera ID indication function that indicates the camera ID up to 20 digits, a Digital 10x zooming function, a PIP function, a Line-Lock function for vertical adjustment, etc. It also has a built-in Samsung protocol, which enables remote control if the 232C Jig is installed externally.

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 adapter.

Designed to make use of the AC230V power source, SCC-2003P can be employed by being directly plugged into the receptacle. In cases of the SCC-B2303(P), both AC24V and DC12V (nonpolar) are available with the use of power adapter.



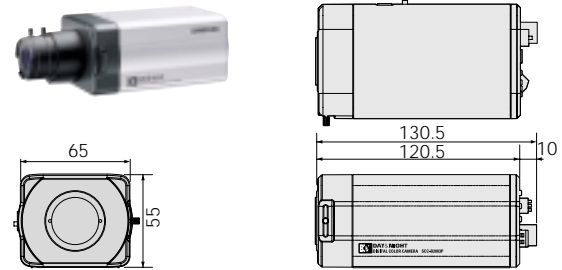
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1/3" High Resolution, Day/Night Color Digital Camera

Features

- Day/Night camera
- DSP (Digital Signal Processor)
- 1/3" 470,000 (SCC-B2303: 410,000) pixels, super HAD CCD
- Horizontal resolution (530/500 TV lines)
- Back light compensation cover various light conditions
- External synchronization with linelock
- Motion detection
- On-screen menus (Multi-language)
- Picture in picture on digital zoom
- Accepts 2 types of auto-iris lenses (DC/Video)
- Accepts CS/C-mount lens (with C-mount adaptor)
- Power input (AC24V/DC12V compatible)
- Built-in ground fault isolation transformer

Dimensions (unit : mm)



Rear Panel



SCC-B2003P



SCC-B2303P
SCC-B2303

Specifications

		SCC-B2303P/B2003P	SCC-B2303	
Camera Type	Color	Color	Color	
Image	Device	CCD	CCD	
	Size	1/3 inch	1/3 inch	
	Pixels - Total	795 x 596	811 x 508	
	Pixels - Effective	752 x 582	768 x 494	
Scanning	System	Interlace	Interlace	
	Horizontal Frequency-Internal Mode	15,625 Hz	15,734 Hz	
	Horizontal Frequency-Line-lock Mode	15,625 Hz	15,750 Hz	
	Vertical Frequency-Internal Mode	50 Hz	59.94 Hz	
	Vertical Frequency-Line-lock Mode	50 Hz	60 Hz	
Min. scene Illumination	Color	0.3 Lux (Sense Up x128 : 0.002)	0.3 Lux (Sense Up x128 : 0.002)	
	B/W	0.06 Lux (Sense Up x128 : 0.0004)	0.06 Lux (Sense Up x128 : 0.0004)	
Functions	Day/Night	Color/BW/AUTO/EXT	Color/BW/AUTO/EXT	
	Motion Detection	Off/On	Off/On	
	D-Zoom	Off - x10	Off - x10	
	High Speed Shutter	Off - 1/10Ksec	Off - 1/10Ksec	
	Sense Up	Off - x128	Off - x128	
	PIP	Off/On	Off/On	
	BLC	Off/On	Off/On	
	AGC	Off/On	Off/On	
	ELC	Off/On(Max. 1/100Ksec)	Off/On(Max. 1/100Ksec)	
	Line Lock	Off/On	Off/On	
	Camera ID	Off/On	Off/On	
	White Balance	ATW/AWC/MANUAL	ATW/AWC/MANUAL	
	Resolution	Horizontal	500/530(Color/BW) TV Lines	500/530(Color/BW) TV Lines
		Vertical	350 TV Lines	350 TV Lines
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p	VBS 1.0Vp-p	
S/N Ratio	S/N Ratio	52dB	52dB	
Lens	Lens Drive Type	AI(Video/DC)	AI(Video/DC)	
	Mount Type	C/CS	C/CS	
	OSD	Yes	Yes	
Alarm	Output	1	1	
Environmental Conditions	Operating Temperature	-10 °C ~ +50 °C	-10 °C ~ +50 °C	
	Humidity	Less than 90%	Less than 90%	
Power	Power Requirement	B2003P:AC220V-240V(50Hz), B2303P:AC24V(60Hz)±10%, DC12V+10%/ -5%	AC24V(60Hz)±10%, DC12V+10%/ -5%	
	Power Consumption	B2303P:4.5W, B2003P:5.0W	4.5W	
	LED Indicator	Yes	Yes	
Physical Specification	Dimensions (WxHxD)-Net	65 x 55 x 130.5 mm	65 x 55 x 130.5 mm	
	Weight-Net	B2303P:450g, B2003P:560g	450g	
	Loading Quantity(20/40ft)	10,560/21,870	10,560/21,870	
	Package Size	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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