

SCC-B2307P/SCC-B2007P

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



Summary

This color camera adopts the 470,000 pixel 1/3" Exview CCD, which enables observation of 24 hours a day by automatically switching to color mode during the day and to B/W mode at night. This camera has low smear, wide dynamic range and sensitivity two times higher than cameras employing general type CCDs. Above all, it has excellent sensitivity at the infrared band, making it highly suitable for the observation of roads 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.

It also 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 being 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 due to 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-B2007P can be employed by being directly plugged into the receptacle. In case of the SCC-B2307P, both AC24V and DC12V (nonpolar) are available with the use of power adaptor.



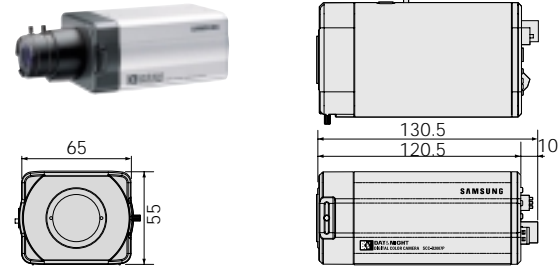
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Features

- Day/Night camera
- DSP (Digital Signal Processor)
- 1/3" 470,000 pixels, exview super HAD CCD
- Horizontal resolution (530/500 TV lines)
- Back light compensation covers 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 (SCC-B2307P : AC24V/DC12V compatible/
SCC-B2007P : AC230V)
- Built-in ground fault isolation transformer

Dimensions (unit : mm)



Rear Panel



Specifications

		SCC-B2307P/SCC-B2007P	
Camera Type	Color	Color	
Image	Device	CCD	
	Size	1/3 inch	
	Pixels - Total	795 x 596	
Scanning	Pixels - Effective	752 x 582	
	System	Interlace	
	Horizontal Frequency-Internal Mode	15,625 Hz	
	Horizontal Frequency-Line-lock Mode	15,625 Hz	
	Vertical Frequency-Internal Mode	50Hz	
Min. scene Illumination	Color	0.2 Lux (Sense Up x128 : 0.001)	
	B/W	0.03 Lux (Sense Up x128 : 0.0002)	
Functions	Day/Night	Color/BW/AUTO/EXT	
	Motion Detection	Off/On	
	D-Zoom	Off ~ x10	
	High Speed Shutter	Off~1/10Ksec	
	Sense Up	Off ~ x128	
	PIP	Off/On	
	BLC	Off/On	
	AGC	Off/On	
	ELC	Off/On(Max.1/100Ksec)	
	Line Lock	Off/On	
	Camera ID	Off/On	
	White Balance	ATW/AWC/MANUAL	
	Resolution	Horizontal	500/530(Color/BW) TV Lines
		Vertical	350 TV Lines
	Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p
S/N Ratio	S/N Ratio	52dB	
Lens	Lens Drive Type	A/(Video/DC)	
	Mount Type	C/CS	
OSD	OSD	Yes	
Alarm	Output	1	
Environmental Conditions	Operating Temperature	-10 °C ~ +50 °C	
	Humidity	Less than 90%	
Power	Power Requirement	B2307P:AC24V(50Hz)±10%, DC12V+10%/-5%, B2007P:AC220V-240V(50Hz)	
	Power Consumption	B2307P:4.5W, B2007P:5.0W	
	LED Indicator	Yes	
			Yes
Physical Specification	Dimensions (WxHxD)-Net	65 x 55 x 130.5 mm	
	Weight-Net	B2307P:450g, B2007P:550g	
	Loading Quantity(20/40ft)	10,560/21,870	
	Package Size	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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