

SCC-B2305(P)/SCC-B2005P

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



Summary

As a color camera that adopts the 1/3" progressive Super-HAD CCD (410,000 pixels for the NTSC, 470,000 pixels for the PAL), this product employs a WDR (Wide Dynamic Range) function that can provide clear images even under backlight circumstances where intensity of illumination varies excessively. It also contains a Day/Night function that automatically switches to color mode during the day and B/W mode at night, enabling 24 hours a day observation. Different from the existing BLC (Back Light Compensation) function used under backlighting environments, the WDR function allows user to monitor 2 locations with different illumination simultaneously. If installed at an entrance or beside a window, both the interior and exterior of a building can be monitored concurrently.

It employs the SONY CCD and utilizes a superior Digital Signal Processor to supply sharp images of high resolution. 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.

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, privacy protect function, 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 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.

Designed to make use of the AC230V power source, SCC-B2005(P) can be employed by being directly plugged into the receptacle. In cases of the SCC-B2305P, both AC24V and DC12V (nonpolar) are available with the use of power adaptor.



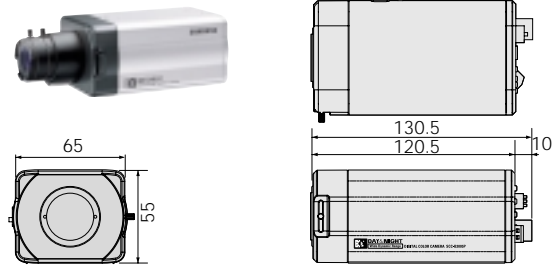
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1/3" High Resolution, WDR & Day/Night Color Digital Camera

Features

- WDR function (Dynamic range NTSC : x64, PAL : x80)
- Day/Night function
- DSP (Digital Signal Processor)
- 1/3" 470,000 (SCC-B2305 : 410,000) Pixels, progressive super HAD CCD
- Horizontal resolution (530/500 TV lines) a minimum scene illumination
- High sensitivity with a minimum scene illumination
- Back light compensation cover various light conditions
- External synchronization with linelock
- 8 privacy zones (masking function)
- Motion detection
- On-screen menus (Multi-language)
- 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



Specifications

		SCC-B2005P/B2305P	SCC-B2305	
Camera Type	Color	Color	Color	
	Device	CCD	CCD	
Image	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	0.3Lux (Sense Up x160 : 0.002)	0.3Lux (Sense Up x160 : 0.002)	
	B/W	0.06Lux (Sense Up x160 : 0.004)	0.06Lux (Sense Up x160 : 0.004)	
Functions	Number of privacy Zone	8	8	
	Day/Night	Color/BW/AUTO/EXT	Color/BW/AUTO/EXT	
	Motion Detection	Off/On	Off/On	
	Wide Dynamic Range	Off/On(x80)	Off/On(x64)	
	High Speed Shutter	Off-1/10Ksec	Off-1/10Ksec	
	Sense Up	Off - x160	Off - x160	
	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	B2005P:AC220V-240V(50Hz),B2305P:AC24V(50Hz)±10%, DC12V+10%/ -5%	AC24V(60Hz)±10%, DC12V+10%/ -5%	
	Power Consumption	B2005P:5.0W, B2305P:4.5W	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	B2005P:550g, B2305P:450g	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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