

SCC-B5300(G)(P)/SCC-B5301(G)(P) SCC-B5303(G)(P)/SCC-B5305(G)(P)

Fixed Dome 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 (NTSC), and 470,000 pixels (PAL) at an economical price. (B5300(G)(P):270,000 pixels (NTSC), 320,000 pixels (PAL))

B5300 and B5301 models: both equipped with a 3.8 mm (focal length) lens and optical low pass filter, they can be used at ordinary places. B5303 model: equipped with a 2.9 mm (focal length) lens and optical low pass filter, it can be used in small spaces like an elevator. B5305: equipped with an 8.0 mm (focal length) telephoto lens and optical low pass filter, it can be used in long and narrow spaces such as a corridor.

This product is an aesthetically designed dome type camera, which can be installed on ceilings without the need for separate external housing. It is available in either black or white finish. Through the use of SONY CCD and outstanding digital signal processor, this camera provides extremely sharp image quality. By using its backlight compensation function it is able to give brighter and sharper images of an object darkened by background lighting or sunlight. It is highly sensitive since it employs the Super-HAD CCD. It also represents correct color using the Auto White Balance function, and has no color rolling by employing the automatic line-lock switching system.

Both AC24V and DC12V (nonpolar) are available with the use of power adapter.



SCC-B5300(G)(P)/SCC-B5301(G)(P) SCC-B5303(G)(P)/SCC-B5305(G)(P)

Fixed Dome Color Digital Camera

Features

- DSP (Digital Signal Processor)
- 1/3" NTSC : 410,000/PAL : 470,000
(B5300(G) : 270,000/B5300(G)P : 320,000)
- Horizontal resolution: 480 TV lines (B5300 : 330 TV lines)
- Lens : f = 3.8mm (B5300,B5301)/2.9mm (B5303)/8mm (B5305)
- Back light compensation circuitry
- External synchronization with linelock
(Auto change with using power)
- Power input (AC24V/DC12V compatible)
- Built-in ground fault isolation transformer

Dimensions (unit : mm)



SCC-B5300GP SCC-B5300P
SCC-B5301GP SCC-B5301P
SCC-B5303GP SCC-B5303P
SCC-B5305GP SCC-B5305P

Rear Panel



SCC-B5300GP SCC-B5300P
SCC-B5301GP SCC-B5301P
SCC-B5303GP SCC-B5303P
SCC-B5305GP SCC-B5305P

Specifications

		SCC-B5300(G)(P)	SCC-B5301(G)(P)/B5303(G)(P)/B5305(G)(P)
Camera Type	Color	Color	Color
Image	Device	CCD	CCD
	Size	1/3 inch	1/3 inch
	Pixels - Total	B5300(G):537 x 505, B5300(G)(P):537 x 597	(G):811 x 508, (G)P:795 x 596
Scanning	Pixels - Effective	B5300(G):510 x 492, B5300(G)(P):500 x 582	(G):768 x 494, (G)P:752 x 582
	System	Interlace	Interlace
	Horizontal Frequency-Internal Mode	B5300(G):15,734 Hz, B5300(G)(P):15,625 Hz	(G):15,734 Hz, (G)P:15,625 Hz
	Horizontal Frequency-Line-lock Mode	B5300(G):15,750 Hz, B5300(G)(P):15,625 Hz	(G):15,750 Hz, (G)P:15,625 Hz
	Vertical Frequency-Internal Mode	B5300(G):59.94 Hz, B5300(G)(P):50 Hz	(G):59.94 Hz, (G)P:50 Hz
Min. scene Illumination	Vertical Frequency-Line-lock Mode	B5300(G):60 Hz, B5300(G)(P):50 Hz	(G):60 Hz, (G)P:50 Hz
	Color	0.3 Lux	0.5 Lux
PAN/TILT	Range-Panning	132° (Manual)	132° (Manual)
	Range-Tilting	90° (Manual)	90° (Manual)
Functions	BLC	On	On
	AGC	On	On
	ELC	On(Max.1/100Ksec)	On(Max.1/100Ksec)
	Line Lock	Off(DC power)/On(AC power)	Off(DC power)/On(AC power)
	White Balance	ATW	ATW
Resolution	Horizontal	330 TV Lines	480 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	50dB	50dB
Lens	Focal Length	3.8 mm	B5301(G)(P):3.8 mm, B5303(G)(P):2.9 mm, B5305(G)(P):8.0 mm
	Aperture Ratio	F2	F2
	Viewing Angle	74° (H) x 54° (V)	B5301(G)(P):74° (H) x 54° (V), B5303(G)(P):74° (H) x 54° (V), B5305(G)(P):74° (H) x 54° (V)
Environmental Conditions	Operating Temperature	-10° C ~ +50° C	-10° C ~ +50° C
	Humidity	Less than 90%	Less than 90%
Power	Power Requirement	AC24V((G):60Hz/(G)(P):50Hz)±10%, DC12V+10%/ -5%	AC24V((G):60Hz/(G)(P):50Hz)±10%, DC12V+10%/ -5%
	Power Consumption	3W	3W
Physical Specification	Dimensions(W x H x D)-Net	100(ø) x 67(H) mm	100(ø) x 67(H) mm
	Weight-Net	180g	180g
	Loading Quantity(20/40ft)	10,560/21,870	10,560/21,870
	Etc.-Body Color	B5300, B5300P-Black, B5300G,B5300GP-Gray	B5301(P), B5303(P)P-Black, B5301(G)(P),B5303(G)(P), B5305(G)(P)-Gray
	Package Size	540 x 241 x 182 mm	540 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.



SAMSUNG ELECTRONICS CO.,LTD.

Digital Video Division

416, Maetan-3Dong, Yeongtong-Gu, Suwon City, Gyeonggi-Do, Korea 443-742

Tel: +82-31-200-5504, 5578 Fax: +82-31-200-5594

http://www.securitysamsung.com