

SCC-B2331

A1™ Chip Technology, Electronic Day/Night, High Resolution Box Camera



Summary

Samsung SCC-B2331 A1 Chip camera is an advanced high resolution security camera that can capture detailed images under extremely low light conditions. The camera uses a 600TVL Super-HAD CCD.

The SCC-B2331 offers an electronic day/night function and provides noiseless clarity by using Auto Gain Control (AGC) and Low Speed Shutter functions. The camera performs with minimum illumination sensitivities of 0.0002 lux @ 15IRE with 512x Sens-Up. Being a part of the Samsung A1 chip cameras, SCC-B2331 features DNR, that provides a S/N ratio over 52dB, nearby the other functions including XDR, BLC, and DIS.

Features

- 1/3" 410K Pixels Super-HAD IT CCD
- High Resolution: 600TV Lines
- Min. Illumination 0.0002Lux (F1.2, 15 IRE, Sens-Up 512x)
- Internal/Linelock (Phase Control) Function
- ALC(Video/DC)/ELC
- Day Night Function (Soft), Sens-Up Function (512x)
- Positive/Negative Imaging
- Motion Adaptive Digital Noise Reduction (3D+2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection Function
- eXtended Dynamic Range (XDR)
- Privacy Mask Function (Polygonal Mosaic)
- High Shutter Speed Control by External Trigger
- DIS (Digital Image Stabilization)
- CCVC (Camera Control Via Coaxial cable, Controller : SCX-RD100)
- Multi-Language OSD support
- C/CS Lens Mount Compatible
- DC12V & AC24V 60Hz (50Hz)

A1™ Chip Technology

A1™ Chip Technology provides advanced image processing, 600TVL image quality, Virtual Progressive Scan, Day/Night, XDR, and Built-in Analytics (on select models). This technology helps create a cost effective bridge between analog and IP systems.



- 600TVL
- Positive/Negative Imaging
- Advanced Motion Detection
- Motion Adaptive Digital Noise Reduction
- Digital Image Stabilization
- Day/Night Function
- eXtended Dynamic Range

eXtended Dynamic Range (XDR)

Detail is often lost in darker or strong backlit areas. Challenges in heavily shadowed walkways and outdoor parking areas can be eliminated by XDR.



High Resolution (600 TV Lines)

This camera can achieve a high resolution of 600TV Lines using the full digital image processing and special algorithm technologies.



Conventional



600TV Lines

SCC-B2331



SAMSUNG SECURITY | Toll Free: 888-595-2288 | Fax: 972-245-7333
This product specifications and manual are also available in pdf format at www.samsung-security.com
The information is subject to change without notice - v5.27.10

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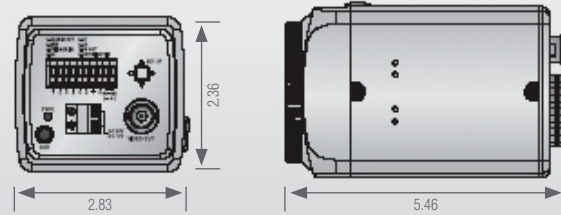
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Specifications

Camera Type	Color/BW	Color	
Image	Device	1/3" Super-HAD IT CCD	
	Pixels	Effective	
Scanning	NTSC: 768 x 494		
	System	Interface	
	Horizontal Frequency	Internal Mode	15,734Hz
		Line-lock Mode	15,750Hz
Vertical Frequency	Internal Mode	59.94Hz	
	Line-lock Mode	60Hz	
Resolution	Horizontal	600 TV Lines	
Min. Scene Illumination	Sens-up off	0.12Lux(15IRE), 0.2Lux(30IRE), 0.4 Lux(50IRE) @ F1.2	
	Sens-up	0.0002Lux(15IRE), 0.0005Lux(30IRE), 0.0008 Lux(50IRE) @ F1.2	
Functions	Number of Privacy Zone	12 (Polygonal Method)	
	Day/Night	Day/Night/Auto(Soft Method)	
	Motion Detection	Off/On	
	D-Zoom	1x ~ 16x (0.1x STEP)	
	High Speed Shutter	1/60 ~ 1/10K sec (OSD/External Control)	
	Sens-up	2x ~ 512x	
	BLC	Off/On	
	AGC	Off/On	
	ELC	Off/On (~ 1/200K sec)	
	Line Lock	Off/On (Phase Control)	
	Camera ID	Off/On (Max 54ea/ 2 lines)	
	White Balance	ATW1 / A TW2 / AWC / 3200K / 5600K	
	Extended Dynamic Range (XDR)	Off/Low/Mid/High	
	Digital Noise Reduction (DNR)	Off/On	
	Digital Image Stabilization (DIS)	Off/On	
	PIP	Off/On	
	Etc. Function	Detail, Reverse (H/V), Positive/Negative	
	Video Output	VBS 1.0Vp-p	VBS 1.0VpN/Ap
	S/N Ratio	S/N Ratio	52dB
	Lens	Lens Drive Type	Manual/AI/Video/DC
Mount Type		CS/C	
OSD		Yes	
Alarm	Output	1 ea	
Remote Control	CCVC	Yes (with SCX-RD100)	
Environmental Conditions	Operating Temperature	14°F ~ 122°F (-10°C ~ 50°C)	
	Operating Humidity	Less than 90%	
Power	Power Requirement	24VAC ±10%/12VDC ±10%	
	LED Indicator	Yes	
Physical Specification	Dimensions (W x H x D)	2.52 x 2.28 x 4.3 in (64 x 58 x 109.2 mm)	
	Weight	0.67lbs (305g)	
	Color	Body	Silver

Dimensions (unit : in) Front/Rear Panel



Certifications



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