

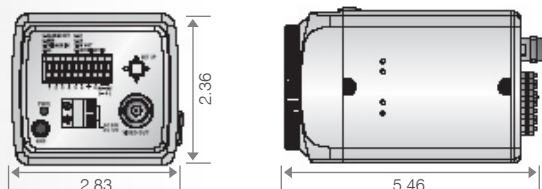
SCC-B233 I

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



Dimensions (unit : in)

Front/Rear Panel



Summary

Samsung SCC-B233I AI 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.

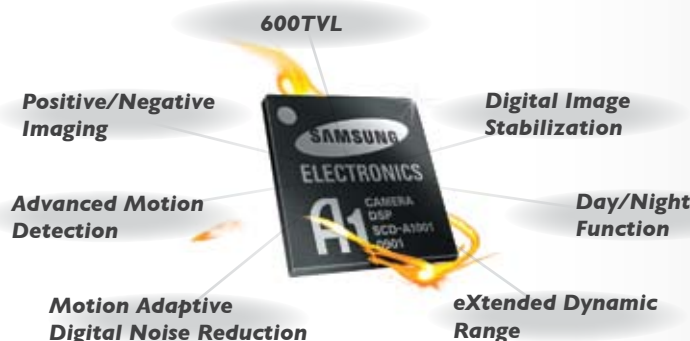
The SCC-B233I offers an electronic day/night function and provides noiseless clarity by using Auto Gain Control (AGC) and Low Speed Shutter functions. The camera performs with minimum illumination sensitivities of 0.0002 lux @ 15IRE with 512x Sens-Up. Being a part of the Samsung AI chip cameras, SCC-B233I 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 : 600 TV 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)

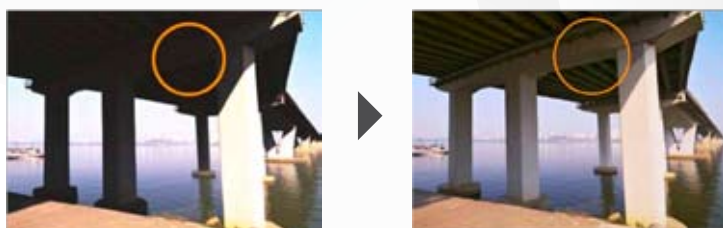
AI™ Chip Technology

AI™ 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.



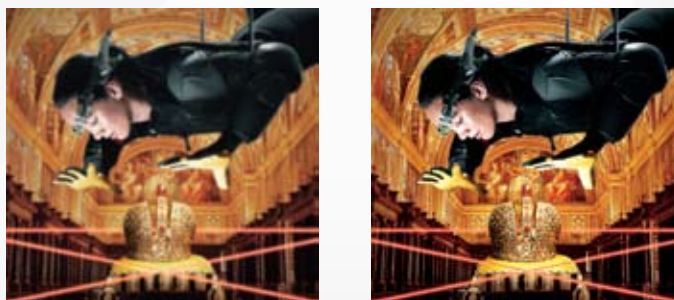
eXtended Dynamic Range (XDR)

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 600 TV Lines using the full digital image processing and special algorithm technologies.



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Specifications

Camera Type	Color/BW		Color
Image	Device		1/3" Super-HAD IT CCD
	Pixels	Effective	NTSC : 768 x 494
Scanning	System		Interlace
	Horizontal Frequency	Internal Mode	15,734 Hz
		Line-lock Mode	15,750 Hz
	Vertical Frequency	Internal Mode	59.94 Hz
		Line-lock Mode	60 Hz
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/ATW2/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 (WxHxD)		2.52 x 2.28 x 4.3 in (64 x 58 x 109.2 mm)
	Weight		0.67 lbs (305 g)
	Color	Body	Silver