



Color CCD Camera **SDC-313/243**

The SDC-313 is a 1/3 inch color camera with 410,000 pixels for general surveillance. The unit achieves a horizontal resolution of 480 TV lines and a minimum illumination of 0.5 Lux at F1.0 (SDC-243 : 270,000 pixels, 330 TV lines, 0.3 Lux at F1.0).

Features are automatic backlight compensation, white balance settings, automatic gain control, electronic shutter control, flickerless control, AC line lock for external synchronization, and sharpness control. All controls of the camera are located on the rear panel for easy access.



SDC-313/243

Features

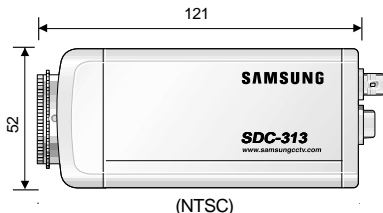
- ▶ 1/3" 410,000 (SDC-313), 270,000 (SDC-243)
- ▶ High resolution more than 480 TV Lines, 330 TV Lines
- ▶ Minimum Resolution of 0.5 Lux at F1.0 (SDC-313), 0.3 Lux at F1.0 (SDC-243)
- ▶ Back Light Compensation
- ▶ Flickerless Control (SDC-313)
- ▶ Sharpness Control
- ▶ Selective Electronic Shutter Control (VIDEO/DC/ESC)
- ▶ Built-in Automatic Electronic Shutter
- ▶ Built-in AGC
- ▶ Approval : UL, FCC, CE



Specification

Model	SDC-313NA	SDC-313ND	SDC-313PA	SDC-313PD	SDC-243NA	SDC-243ND	SDC-243PA	SDC-243PD
Power Source	AC 24V, 60Hz	DC 12V	AC 24V, 50Hz	DC 12V	AC 24V, 60Hz	DC 12V	AC 24V, 50Hz	DC 12V
Power Consumption(Max)	3.5W	2.5W	3.5W	2.5W	3.5W	2.5W	3.5W	2.5W
Image Pick-up Device	1/3" color interline-transfer CCD							
Total Pixels	816(H) X 494(V)		798(H) X 584(V)		542(H) X 492(V)		542(H) X 582(V)	
Effective Pixels	771(H) X 492(V)		753(H) X 582(V)		512(H) X 492(V)		512(H) X 582(V)	
Scanning	2:1 Interlace							
Video Output	VBS : 1Vp-p, 75 Ω unbalanced							
Scanning Frequency	15.734KHz(H)/60Hz(V)		15.625KHz(H) / 50.00Hz(V)		15.734KHz(H)/60Hz(V)		15.625KHz(H) / 50.00Hz(V)	
Min. Illumination	0.5 Lux / F1.0				0.3 Lux / F1.0			
S/N Ratio	more than 48dB							
Resolution	480 TV Line				330 TV Line			
AGC	Built-in							
Synchronization	INT/LL	INT	INT/LL	INT	INT/LL	INT	INT/LL	INT
White Balance	ATW / AWC				Selectable			
Electronic Shutter(ESC)	ON/OFF Selectable (ON: 1/60 - 120,000sec, OFF: 1/60sec)		ON/OFF Selectable (ON: 1/50 - 120,000sec, OFF: 1/50sec)		ON/OFF Selectable (ON: 1/60 - 120,000sec, OFF: 1/60sec)		ON/OFF Selectable (ON: 1/50 - 120,000sec, OFF: 1/50sec)	
BLC Function	ON/OFF Selectable							
Sharpness	High / Normal Selectable							
Flickerless	ON/OFF Selectable				Not available			
Auto Iris	VIDEO / DC IRIS Selectable(DC IRIS Level Adjustable)							
Video Output	BNC Connector							
Power Input	Terminal Block							
Auto Iris output	4-pin Mini Din Jack							
Lens Mount	C / CS Mount							
Operating Temperature	-10°C ~ +50°C / 30% ~ 90% RH							
Dimension (mm)	58(W) X 52(H) X 121(D)		58(W) X 52(H) X 130(D)		58(W) X 52(H) X 121(D)		58(W) X 52(H) X 130(D)	
Weight (Without Lens)	300g		280g		300g		280g	

Dimension



(NTSC)

Rear Panel



SDC-313NA/PA

SDC-313ND/PD

SDC-243NA/PA

SDC-243ND/PD

www.samsungcctv.com

Design and specifications are subject to change without notice.

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