



## 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

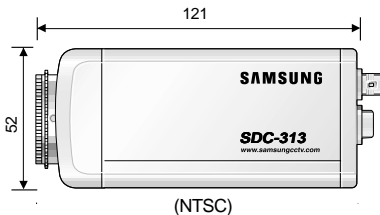
- ▶ 1/3" 410,000 (SDC-313), 270,000 (SDC-243)
- ▶ High resolution more than 480 TV Lines, 330 TV Lines
- ▶ Minimum Resolution of 0.5 Lux at F1.0 (SDC-313), 0.3 Lux at F1.0 (SDC-243)
- ▶ Back Light Compensation
- ▶ Flickerless Control (SDC-313)
- ▶ Sharpness Control
- ▶ Selective Electronic Shutter Control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



## Specification

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

## Dimension



## Rear Panel



[www.samsungcctv.com](http://www.samsungcctv.com)

Design and specifications are subject to change without notice.

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