SCC-C4301(P)/SCC-C4303A(P)

1/4” Zoom Lens Camera

Summary

This product is a high performance surveillance camera with 220x zooming power afforded by implementation of 22x optical zoom and 10x digital zoom. (The SCC-C4303A(P) is a day/night camera equipped with the Day/Night function for 24 hours-a-day surveillance by switching modes between Color and B/W according to the surrounding illumination to secure the optimum image.)

The camera includes various significant functions that existing surveillance cameras have such as: (1) low illumination surveillance function that makes it possible to take pictures under the worst lighting conditions, (2) white balance function that makes natural images according to the lighting, (3) backlight compensation function that perfectly compensates the dark areas on objects created by the backlighting even under a spotlight, (4) auto focus function that adjusts the focus according to the movement of an object, (5) and RS485/wired remote control function.

As a zoom lens integrated camera designed to be used for various applications, this product can be simply installed at lower configuration cost than the lens detachable camera. Since this product supports both the RS-485 communication interface and the wired remote control, user can perform remote control conveniently. If used with the RS-485 communication protocol, this camera can be remote controlled up to 128 units per system with the DVR and various controllers including SSC-1000 and SSC-2000. If the wired remote control is utilized, it can perform zooming, focusing and menu manipulating simply with the SCC-RC130.

This product can operate on both DC12V and AC24V. When operated on AC24V, either internal or external power frequency synchronization method can be selected as a vertical synchronization method.

SAMSUNG

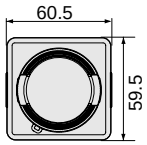
SCC-C4301(P)/SCC-C4303A(P)

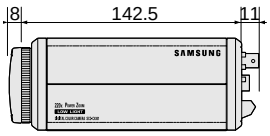
1/4” Zoom Lens Camera

Features

- Superior images through DSP (Digital Signal Processing)
- 1/4" 410,000 pixels, super HAD CCD
  (Horizontal resolution of more than 480 lines)
- 10-bit A/D converter
- Motion detection
- Optical 22x zoom (f=3.6~79.2mm),
  10x digital zoom lens (Maximum 220x zoom)
- Outstanding signal-to-noise (S/N) ratio (52dB)
- RS-485, wired-remote control (Zoom/Focus/Menu)
- Day&Night function (SCC-C4303A(P))
- Minimum illumination of 0.01Lux (C4303A(P) : 0.003Lux for the B/W)

Dimensions (unit : mm)





Front Panel

Rear Panel

Specifications

		SCC-C4301P/C4303AP	SCC-C4301/C4303A
Image	Device	CCD	CCD
	Size	1/4 inch	1/4 inch
	Pixels - Total	795 x 596	811 x 508
	Pixels - Effective	752 x 582	768 x 494
Scanning	System	Interlace	Interlace
	Horizontal Frequency-Internal Mode	15,625 Hz	15,734 Hz
	Horizontal Frequency-Line-lock Mode	15,625 Hz	15,750 Hz
	Vertical Frequency--Internal Mode	50 Hz	59,94 Hz
	Vertical Frequency-Line-lock Mode	50 Hz	60Hz
Min. scene Illumination	Color	0.3 Lux (Sense Up X4 30IRE, Sense Up X128 : 0.01 Lux)	0.3 Lux (Sense Up X4 30IRE, Sense Up X128 : 0.01 Lux)
	B/W	0.4 Lux (Sense Up X128 : 0.003 Lux): (SCC-C4303AP Only)	0.4 Lux (Sense Up X128 : 0.003 Lux): (SCC-C4303A Only)
PAN/TILT	Number of Auto PAN	128	128
Functions	Day/Night	Yes(SCC-C4303AP Only)	Yes(SCC-C4303A Only)
	Motion Detection	Yes	Yes
	D-Zoom	Yes(2X ~ 10X)	Yes(2X ~ 10X)
	High Speed Shutter	Yes(Off ~ 1/10K)	Yes(Off ~ 1/10K)
	Sense Up	Yes(X2 ~ X128)	Yes(X2 ~ X128)
	PIP	Yes	Yes
	BLC	Yes	Yes
	AGC	Yes	Yes
	Line Lock	Yes	Yes
	Camera ID	Max 20 Character	Max 20 Character
	White Balance	ATW/AWC/MANUAL	ATW/AWC/MANUAL
	IR Filter (SCC-C4303(P) Only)	Off/On	Off/On
Resolution	Horizontal	480 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	52	52dB	52dB
Lens	Focal Length	3.6 ~ 79.2 mm	3.6 ~ 79.2 mm
	Zoom ratio	22X	22X
	Aperture Ratio	F1.6(Wide), F3.8(Tele)	F1.6(Wide), F3.8(Tele)
	Viewing Angle-Tele	2˚ 3'(H) x 1˚ 7'(V)	2˚ 3'(H) x 1˚ 7'(V)
	Viewing Angle-Wide	47˚ 9'(H) x 36˚ 9'(V)	47˚ 9'(H) x 36˚ 9'(V)
OSD	OSD	Yes	Yes
Alarm	Output	1	1
Remote Control	RS485	RS485	RS485
Environmental Conditions	Operating Temperature	-10˚C ~ +50˚C	-10˚C ~ +50˚C
	Humidity	Less than 90%	Less than 90%
Power	Power Requirement	AC24V ±10% or DC12V ±10%	AC24V ±10% or DC12V ±10%
	Power Consumption	5W	5W
	LED Indicator	Yes	Yes
Physical Specification	Dimensions (WxHxD)-Net	60.5 x 59.5 x 153.5 mm	60.5 x 59.5 x 153.5 mm
	Weight-Net	500g	500g
	Loading Quantity(20/40ft)	9,280/20,080	9,280/20,080

* Design and specifications are subject to change without notice.

SAMSUNG ELECTRONICS

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