

SCC-C6405(P)

SmartDome Camera



Summary

SCC-C6405(P) is a camera equipped with the 1/4" Progressive Ex-View CCD suitable for WDR (Wide Dynamic Range) thus represents clear and perfect images even under backlight conditions where illumination intensity varies excessively. It employs a 10x digital zoom and 22x built-in optical lens to offer up to 220x zoom and precisely catch an object at a long distance range via the Auto Focus function. The Digital Signal Processor (DSP) system represents clear and high quality images of objects under either bright or dark settings. It can observe objects clearly under dark circumstances by realizing high sensitivity that allows observation under minimum illumination [0.007Lux (Sense Up x160)]. SCC-C6405(P) has Day/Night function that switches the camera mode between Day and Night Mode according to the brightness of the object. It also has Mosaic Privacy Zone (12areas) function by which the user can mask a certain area to protect privacy.

This camera can be panned 360° and tilted 180° conveniently with its 64 steps of Manual Pan/Tilt operations. With the moving speed of up to 400°/sec during the preset mode, user can instantly observe desired points. It provides a remote control interface of RS-485 (Full-Duplex and Half-Duplex)/ RS-422 and can organize up to 128 cameras in a single system with Samsung's exclusive controllers (SSC-1000 and SSC-2000).

SCC-C6405(P) provides various AUTO functions that can be defined by user as one of the main function. Its preset function can not only set 128 camera locations, zooms, and focus of cameras but also perform video setups for the corresponding locations. Thus user can preset and save each video control such as iris control, shutter speed and white balance. SCC-C6405(P) provides Scan/Autopan/Pattern function. It also provides powerful Alarm In/Out and Motion Detection functions. Four inputs and three outputs are available for the Alarm function. Alarm and motion detection functions can be used by being connected to the Preset and Auto functions defined by user.



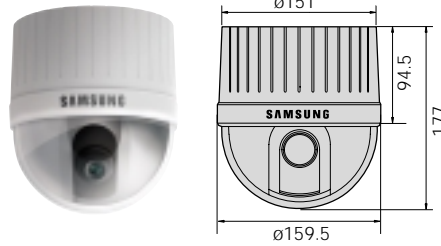
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Features

- 22x (f=3.6~79.2mm) optical lens, and built-in 10x digital zoom lens (Maximum 220x zoom-in, AF function)
- RS-485 (Half duplex · Full duplex)/RS-422 remote control.
- DSP (Digital Signal Processing) IC suitable for WDR
- Day & Night function
- Minimum illumination of 0.007 Lux for Color, 0.002 Lux for B/W (C6405(P))
- 360° endless horizontal rotation and 0~180° vertical rotation. Rapid search at maximum rotating speed of 400°/sec.
- Motion detection.
- Alarm in : 4Ch, Alarm out: 3Ch.
- More than 480 lines of horizontal resolution.
- Preset function (Up to 128 locations).
- Auto functions that can be defined by the user (Preset, auto-pan, and scan).
- Mosaic privacy zone function for 12 locations

Dimensions (unit : mm)



Rear Panel



Specifications

		SCC-C6405P	SCC-C6405	
Image	Device	WDR compatible Ex-view CCD	WDR compatible Ex-view 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	50Hz	60 Hz	
Min. Scene Illumination	Color	0.005 Lux(Sense Up X160)	0.005 Lux(Sense Up X160)	
	B/W	0.002 Lux(Sense Up X160)	0.002 Lux(Sense Up X160)	
PAN/TILT	Speed-Manual Pan	0.1 ~ 180° /sec	0.1 ~ 180° /sec	
	Speed-Preset Pan	400° /sec	400° /sec	
	Speed-Manual Tilt	0.1 ~ 90° /sec	0.1 ~ 90° /sec	
	Speed-Preset Tilt	200° /sec	200° /sec	
	Range-Panning	360° (endless)	360° (endless)	
	Range-Tilting	-3° ~ 183°	-3° ~ 183°	
	Number of Scan	3	3	
	Number of Auto PAN	1	1	
	Number of Preset	128	128	
	Number of Pattern	3	3	
	Functions	Wide Dynamic Range	Off/On(X128)	Off/On(X128)
		Number of Privacy Zone	12	12
		Day/Night	Yes	Yes
		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 ~ X160)	Yes(X2 ~ X160)	
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	
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		
S/N Ratio	50	50 dB		
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	Input	4	4	
	Output	3	3	
Remote Control	RS485/RS-422	RS485 Half/Full Duplex, RS-422	RS485 Half/Full Duplex, RS-422	
Environmental Conditions	Operating Temperature	-10 °C ~ +50 °C	-10 °C ~ +50 °C	
	Humidity	Less than 90%	Less than 90%	
Power	Power Requirement	AC24V ±10%	AC24V ±10%	
	Power Consumption	18W	18W	
	LED Indicator	Yes	Yes	
Physical Specification	Dimensions-Net	159.5(ø)x177(H)	159.5(ø)x177(H)	
	Weight-Net	1,700g	1,700g	
	Loading Quantity(20/40ft)	756/1,776	756/1,776	
	Package Size	378 x 308 x 275 mm	378 x 308 x 275 mm	

* "P" indicates PAL model & "N" or no specific alphabet after the model name indicates NTSC model.

* Design and specifications are subject to change without notice.



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