

# SCC-641 1/4" Color Pan-Tilt-Zoom, SmartDome™ Camera



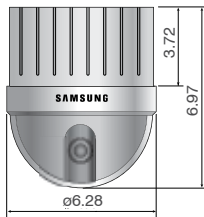
## • 22x OPTICAL ZOOM

The camera uses a 22X optical (3.6 ~ 79.2mm) motorized zoom lens, along with the 10X digital zoom, resulting in 220X zooming capability.



## Dimensions (unit : in)

Rear Panel



## Summary

The SCC-641 is the first in series of remote controllable pan-tilt-zoom cameras from SAMSUNG Electronics. This camera has 480TV lines of resolution with a minimum scene illumination of 0.005 Lux @ 15IRE, making it optimal for low light conditions. It has a built-in 22X optical and 10X digital zoom lens giving it an enhanced total zoom capability of 220X with a focal length of 3.6 to 79 mm. Its superior white balance circuitry and excellent back light compensation produces crisp and clear high resolution images.

One important feature that raises its position over the competition is the capability of programming each preset not only with camera position and focus, but also video settings. This feature enables iris control, shutter speed, negative image and all other video controls to be unique for each preset.

## Features

- 1/4 Inch IT CCD
- 480TV Lines Resolution
- Minimum Scene Illumination: 0.005 Lux @15IRE, Sens-Up x128
- 22X Optical Zoom Plus 10X Digital Zoom
- DSP (Digital Signal Processing)
- 360° Panning, 0° ~ 90° Tilting
- Motion Detection
- 4 Alarm Inputs, 3 Alarm Outputs
- OSD (On Screen Display)
- AC24V (60Hz)

## Recommended Accessories

- GV-TRAN-24-40LED, 24VAC, 40VA**, Class II plug in transformer
- SADT-100WM**, Wall mount, indoor/outdoor, requires housing
- SADT-100CM**, Ceiling mount, indoor/outdoor, requires housing
- SADT-100PM**, Pole mount, indoor/outdoor, requires SADT-100WM
- SADT-110CM**, Corner mount, indoor/outdoor, requires SADT-100WM
- SBR-100DCM**, Indoor ceiling mount bracket for recessed application
- SHG-120**, Metal indoor housing, requires wall or ceiling mount
- SHG-220**, Metal outdoor housing w/ Heater & Blower, requires wall or ceiling mount
- SSC-2000**, System Keyboard w/ touch screen graphic-LCD Panel and DVR Control

\*See accessories page for more options

## Specifications

Camera Type	Color	Pan-Tilt-Zoom
Image	Device	IT CCD
	Size	1/4"
	Pixels	Total: 811 x 508
	Pixels	Effective: 768 x 494
Scanning	System	525 lines, 2:1 Interlace
	Horz Freq Internal Mode	15,734Hz
	Horz Freq Line-lock Mode	15,750Hz
	Vert Freq Internal Mode	59.94Hz
	Vert Freq Line-lock Mode	60Hz
Min. Scene Illumination	Color	0.005 Lux @ 15IRE, Sens-Up x128 (F1.6) 2 Lux @ 50IRE (F1.6)
	Electronic Shutter Range	ELC OFF ~ 1/10Ksec
Pan/Tilt	Speed Manual Pan	0.8° ~ 90°/sec (64Step)
	Preset Pan	240°/sec (max)
	Manual Tilt	0.8° ~ 45°/sec (64Step)
	Preset Tilt	150°/sec (max)
	Range	Panning: 360°
	Tilting	0° ~ 90°
	Number of Auto PAN	1
	Number of Preset	128
Functions	Number of Pattern	3
	BLC, AGC, Motion Detection	ON/OFF
	Line Lock	INT/LINE LOCK
	White Balance	ATW/AWC/MANUAL
	Sens-Up	OFF / AUTO x2~x128 / FIX x2~x128, 1/120~1/10K
	Remote	RS485
	Alarms	Input 4/Output 3
Resolution	Horizontal	480TV Lines
	Vertical	350TV Lines
Video Output	VBBS 1.0Vp-p	VBBS 1.0Vp-p
S/N Ratio	S/N Ratio	52dB
Lens	Focal Length	3.6 ~ 79 mm
	Zoom ratio	22X
	Aperture Ratio	F1.6 (Wide), F3.8 (Tele)
OSD	OSD	YES
Environmental Conditions	Operating Temperature	-10° ~ +50°C (14° ~ +122°F)
	Humidity	Less than 90%
Power	Power Requirement	AC24V (60Hz) ±10%
	Power Consumption	18W
	LED Indicator	Yes
Physical Specification	Dimensions (ø x H)	Dome: 5.79 in / 147 mm
		Outline: 6.28 x 6.96 in / 159.6 x 177 mm
	Weight	4.4 lb / 2 Kg
Certifications	RoHS, FCC, UL, CSA	Yes