

# SCC-C6407 1/4" Day/Night, WDR, Pan-Tilt-Zoom SmartDome™ Camera



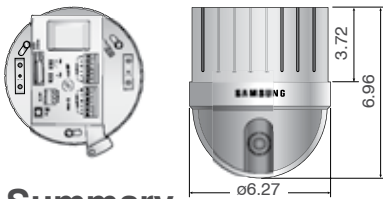
## • WIDE DYNAMIC RANGE (WDR)

WDR utilizes high shutter speed in bright areas and low shutter speed in dark areas increasing the range of luminance.



## Dimensions (unit : in)

Rear Panel



## Summary

The SCC-C6407 is the ultimate speed dome with all the expected innovative features in most surveillance systems. This product contains a 32X built-in optical lens and 10X digital zoom to offer up to 320X zoom capability. The camera can detect an object at great distance with high clarity via the auto focus function.

The Day/Night function allows the camera to automatically switch from color mode to black and white mode according to the light conditions to display the best picture quality. The camera also employs a WDR (Wide Dynamic Range) function that provides clear images even under severe backlight circumstances where illumination intensity can vary excessively.

## Features

- 1/4 Inch Ex-View HAD CCD
- 480TV Lines Resolution
- Minimum Scene Illumination: 0.0005 Lux Color/ 0.00005 Lux B/W @ 15IRE, Sens-Up x160
- 32X Optical Zoom plus 10X Digital Zoom
- DSP (Digital Signal Processing)
- 360° Panning, 0° ~ 180° Tilting
- Motion Detection
- 12 Mosaic Privacy Zones
- 8 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

SAMSUNG | GVI Security • Phone: 972-245-7353 • Fax: 972-245-7333  
This product specification is also available in pdf format at [www.samsung-security.com](http://www.samsung-security.com)

v08.28.08 • The information is subject to change without notice

## Specifications

Camera Type	Color/BW	Day/Night Pan-Tilt-Zoom	
Image	Device	Ex-View HAD 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	0.0005 Lux @ 15IRE, Sens-Up x160 (F1.2) 0.4 Lux @ 50IRE (F1.2)	
	B/W	0.00005 Lux @ 15IRE, Sens-Up x160 (F1.2) 0.04 Lux @ 50IRE (F1.2)	
	Electronic Shutter Range	ELC	OFF~1/10Ksec
Pan/Tilt	Speed Manual Pan	0.1° ~ 180°/sec (64 Step)	
	Preset Pan	400°/sec (max)	
	Manual Tilt	0.1° ~ 90°/sec (64 Step)	
	Preset Tilt	200°/sec (max)	
	Range	Panning: 360°	
	Tilting	0° ~ 180°, D-Flip	
	Number of Auto PAN	4	
	Number of Preset	128	
	Number of Pattern	3	
	Number of Scan	4	
Functions	BLC, Motion Detection	ON/OFF	
	AGC	Off/LOW/HIGH	
	Line Lock	INT/LINE LOCK	
	White Balance	ATW1/ATW2/AWC/MANUAL	
	Sens-Up	OFF/Autox2~x160/1/120~1/10K	
	Remote	RS485	
	Alarms	Input 8/Output 3	
	WDR	128	
	Resolution	Horizontal	480 TV Lines
	Vertical	350 TV Lines	
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p	
S/N Ratio	S/N Ratio	50dB	
Lens	Focal Length	3.55~113mm	
	Zoom ratio	32X	
	Aperture Ratio	F1.69 (Wide), F4.17 (Tele)	
	Viewing Angle	Tele: 1° 78' (H) x 1° 34' (V) Wide: 41° 5' (H) x 43° 01' (V)	
	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	22W	
	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	3.75 lb / 1.7 Kg	
	Certifications	RoHs, FCC, UL, CSA	Yes