

SAMSUNG

# The Best Night Monitoring Solution



High Performance Thermal night Vision Camera

## SCB-9050/9051

The SCB-9050/9051 are cost-effective and stable night vision cameras equipped with a microbolometer thermal imaging sensor. Embedded with advanced infrared imaging technology, it is suitable for short- and medium-range monitoring purposes and offers astoundingly sharp and finely detailed images with its high performance sensor and wide field of view. It is light, yet rugged, making it an ideal solution for 24/7 powerful monitoring.

- Outstanding 360m/1,000m detection range with no lighting
- Intricate imaging with high-powered infrared sensor
- 0.08°C excellent temperature resolving power
- IP66 approved dust/waterproof, customizable OSD
- Light weight and effective cost

# High Performance Thermal night Vision Camera

## SCB-9050/9051

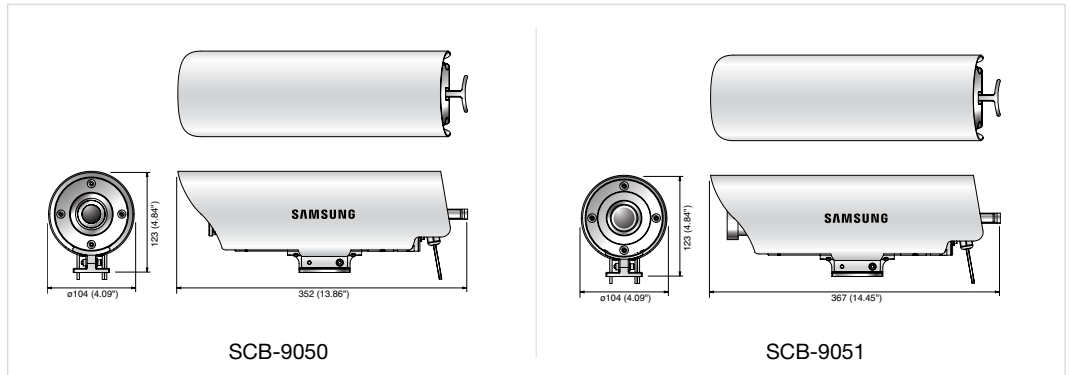


### Specifications

	SCB-9050N/9051N	SCB-9050P/9051P
<b>VIDEO</b>		
Imaging Device	320(H) x 240(H) uncooled VOX microbolometer	
Sensor Pitch	23.5µm	
Measured Wavelength Range	8 ~ 14µm	
Video Ratio (Sensor)	30fps	25fps
Thermal Sensitivity (NETD)	85mK@F1.4	
Video Output	CVBS : 1.0 Vp-p / 75 composite	
<b>LENS</b>		
Focal Length (Zoom Ratio)	50mm (Fixed) : SCB-9051, 14mm (Fixed) : SCB-9050	
Max. Aperture Ratio	1 : 1.4	
Angular Field of View (HxV)	8.6° x 6.5° : SCB-9051, 30.1° x 22.8° : SCB-9050	
Min. Object Distance	27m ~ , Pan focus : SCB-9051, 0.5m ~ , Pan focus : SCB-9050	
IFOV (Instantaneous Field of View)	0.47mrad : SCB-9051, 1.68mrad : SCB-9050	
Focus Control	Manual	
<b>OPERATIONAL</b>		
On Screen Display	English, Japanese, Korean	
Image Mode	Color 1 / Color 2 / ISO / B/W	
Sharpness	6 levels : Off ~ 5	
Contrast Enhancement	11 levels (Auto), 10 levels (Manual)	
Digital Noise Reduction	3D (4 Step : Low / Medium / High / Off)	
Digital Zoom	Off / On (2x ~ 4x)	
Communication	RS-485	
Protocol	Samsung-T/E, Pelco-D	
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	-30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH	
Ingress Protection	IP66	
<b>ELECTRICAL</b>		
Input Voltage / Current	24V AC ±10%	
Power Consumption	Max. 10.5W / 22W (With heater)	
<b>MECHANICAL</b>		
Color / Material	Ivory / Aluminum	
Dimensions (WxHxD)	Ø104 x 123 x 367mm (4.09" x 4.84" x 14.45") : SCB-9051, Ø104 x 123 x 352mm (4.09" x 4.84" x 13.86") : SCB-9050	
Weight	Approx. 2.2Kg (4.85 lb)	

### Dimensions

Unit : mm (inch)



SCB-9050

SCB-9051



The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

Design and specifications are subject to change without notice.



#### SAMSUNG TECHWIN CO., LTD.

701, Sampyeong-dong, Bundang-gu, Seongnam-si, Gyeonggi-do Korea 463-400  
Tel : +82-70-7147-8741~8749, 8752~8760 Fax : +82-31-8018-3745  
www.samsungsecurity.com www.samsungcctv.com

**SAMSUNG TECHWIN AMERICA INC.**  
1480 Charles Willard St, Carson, CA 90746, UNITED STATES  
Tel Free : +1-877-213-1222 Fax : +1-310-632-2195  
www.samsungcctvusa.com

**SAMSUNG TECHWIN EUROPE LTD.**  
Samsung House, 1000 Hillwood Drive, Hillwood Business Park  
Chertsey, Surrey, UNITED KINGDOM KT16 0PS  
Tel : +44-1932-45-5300 Fax : +44-1932-45-5325

**TIANJIN SAMSUNG TECHWIN OPTO-ELECTRONICS CO., LTD.**  
No.11 Wei 6 Street, Micro-Electronic Industrial Park  
Jingang Road, Tianjin, P.R. CHINA 300385  
Tel : +86-22-23887788 Fax : +86-22-23887788

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