

SCB-9051/9050

Weatherproof Thermal Camera

Technical Specifications



Key Features

- Outstanding 1km detection without lighting : SCB-9051
Outstanding 360m detection without lighting : SCB-9050
- Min. discernable temperature of 0.08°C
- Built-in 50mm, 0.47mrad. Color pattern : SCB-9051
Built-in 14mm, 1.68mrad. Color pattern : SCB-9050
- OSD, RS-485, IP66, 24V AC

	SCB-9051N/9050N	SCB-9051P/9050P
VIDEO		
Imaging Device	320(H) x 240(H) uncooled VOX microbolometer	
Sensor Pitch	23.5µm	
Measured Wavelength Range	8 ~ 14µm, LWIR	
Video Ratio (Sensor)	30fps	25fps
Thermal Sensitivity (NETD)	85mK@F1.4	
Video Output	CVBS : 1.0 Vp-p / 75Ω composite	
LENS		
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	
OPERATIONAL		
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-DNR (4 Step : Low / Medium / High / Off)	
Digital Zoom	Off / On (2x ~ 4x)	
Communication	RS-485	
Protocol	Samsung-T/E, Pelco-D	
ENVIRONMENTAL		
Operating Temperature / Humidity	-30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH	
Ingress Protection	IP66	
ELECTRICAL		
Input Voltage / Current	24V AC ±10%	
Power Consumption	Max. 10.5W / 22W (With heater)	
MECHANICAL		
Color / Material	Ivory / Aluminum	
Dimensions (WxHxD)	Ø104.0 x 123.0 x 367.0mm (Ø4.09" x 4.84" x 14.45") : SCB-9051 Ø104.0 x 123.0 x 352.0mm (Ø4.09" x 4.84" x 13.86") : SCB-9050	
Weight	Approx. 2.2Kg (4.85 lb)	

Dimensions

Unit : mm (inch)

