

## KX-B01TN

### Black Body

Design and specifications are subject to change without notice. Pictures in the document are for reference only, and the actual product shall prevail.



Black body is the calibration device that maintains a constant temperature as a reference point for the thermal camera, to make sure the thermal camera can present the most accurate temperature.

The thermal camera coupled with the blackbody calibration device delivers a contactless solution for continuous, contactless, and non-invasive temperature monitoring.

Technical Specification	
Default calibration temp.	35.0°C (95°F)
Range	Ambient temp.+5.0°C (9.00°F)to50.0°C (122°F)
Effective radiation surface	70 mm × 70 mm (2.76" ×2.76")
Resolution	0.1°C (0.18°F)
Accuracy	±0.2°C (0.36°F)
Stability	±(0.1 to 0.2)°C/30min [±(0.18 to 0.36)°F /30min]
Emissivity	0.97 (±0.01)
Power supply	100-240V AC, 50/60Hz, 0.5A
Net weight	2.35 kg (5.18 lb)
Size (W × H × D)	125 mm × 125 mm × 184 mm (4.92" ×4.92"×7.24")
Operating temperature	0°C to 40°C/≤80%RH [32.18°F to 104.00°F/≤80%RH]
Storage temperature	-10°C to 50°C/≤80%RH [-50.00°F to122.00°F/≤80%RH]

