

DH-TPC-HBB-CHW

Blackbody



Product Overview

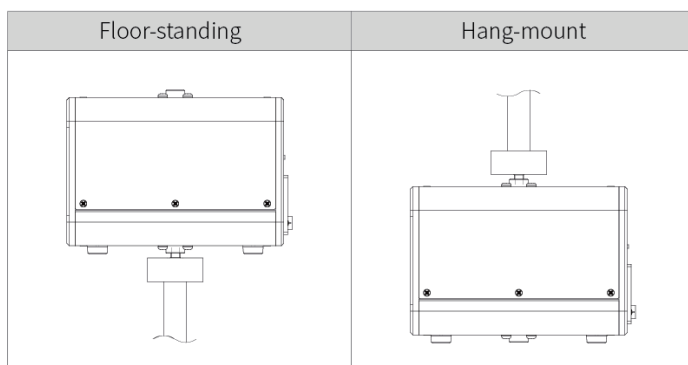
Blackbody is the calibration device that maintains a constant temperature as a reference point for the thermal camera, to make sure the thermal camera can present the most accurate temperature.

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) to 50.0°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 to 122.00°F/≤80%RH]

Installation



Dimensions (mm [inch])

