

# DH-TPC-HBB-CHW

## Blackbody



### Product Overview

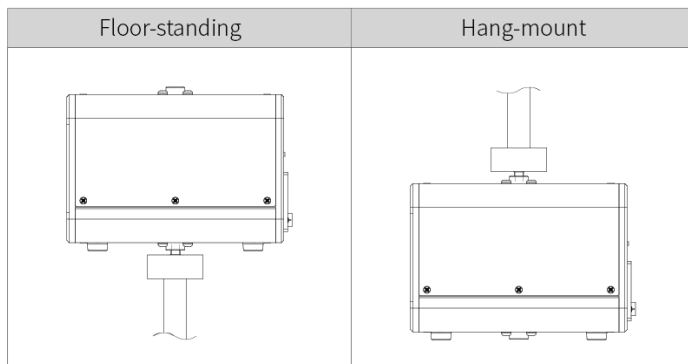
Blackbody is the calibration device that maintains a constant temperature as a reference point for the thermal camera, to make sure the thermal camera can present the most accurate temperature.

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])

