

# Product Specifications

## Blackbody

### General

<b>Power Input</b>	DC 12V@2A PoE+, IEEE.802.3at, 12V@2A
<b>Working Environment</b>	0°C to 40°C / ≤80 RH
<b>Dimensions</b>	3.66in x 3.74in x 4.72in (93mm x 95mm x 120mm)
<b>Weight</b>	10.12oz (287g)
<b>Installation</b>	Stand or ceiling-mounted options

### Function

<b>Emitter Diameter</b>	2.5in (64mm)
<b>Effective Emissivity</b>	0.975±0.003
<b>Emittance Surface Balance</b>	>95%
<b>Stability</b>	±0.1°C / 10min (while heating becomes stable)
<b>Temperature Resolution</b>	±0.1°C
<b>Status Code</b>	“RUN”: blackbody is heating up or cooling down automatically, normal “OK”: when PV reaches SV, stable “ER0”: error state, PT100 sensor connectivity issue “ER1”: error state, processor ROM issue
<b>Alarm Temperature Configuration Range</b>	30°C to 40°C



### Model 15061

- DeltaTrak’s ThermoTrace solution also provides a blackbody calibration device that maintains a customizable constant temperature as a reference point for the thermal camera.
- DeltaTrak’s thermal camera coupled with the blackbody calibration device and the included software application delivers a contactless solution for continuous and non-invasive comparison of human skin temperature.

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