

# STB-10A

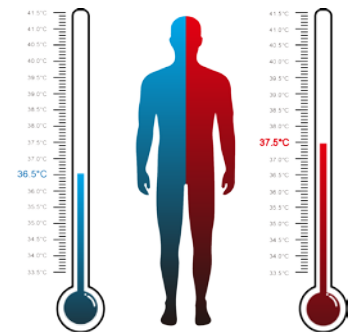
## Blackbody for Thermal Temperature Camera

- Real Time Reference Point for Fever System
- Thermal Camera Calibration
- Thermometer Calibration
- High Stability of Regulation
- Temperature Range Environment  
Temperature +20°C ~ 50°C
- Display Resolution 0.01



Blackbody

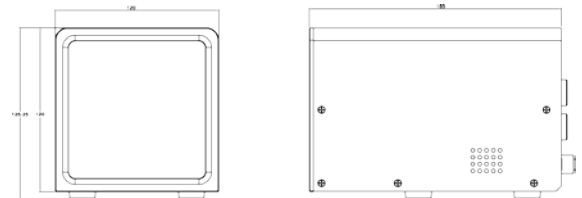
Since the outbreak of COVID-19, SHANY quickly applies AI and deep learning know-how on software and hardware for thermal rapid fever screening of human body. The accuracy of measurement is a key parameter in measuring the efficiency of detection of people with elevated temperature. Shany STB-10A has been specially design for this purpose. The STB-10A provides a real time reference point to the thermal camera, thus avoiding any error temperature reading no matter the environment conditions of the thermal camera. To do this, the STB-10A is placed with the camera's field of view and serves as a reference point.



Human Body Temperature Detection

Emissive Surface	100 x 100 mm
Temperature Range	Environment Temperature +20 ~ 50° C
Display Resolution	0.01 ° C
Emissivity Greater Than	0.96 ± 0.02
Stability	± 0.1° C
Radiance Temperature Expand Uncertainty	± 0.25° C Between 33° C and 40° C
Temperature Stable Maintenance Time	> 60 Minutes
Heating Time	< 10 Minutes
Power Supply	DC12V
Power Consumption	3A
Dimension	195 x 120 x 125 mm ( L x W x H)
Weight	1.5 KGs

### Dimensions



### Related Products



SNT-8D0120TFB-B