



# Temperature Screening Blackbody Installation & Configuration Guide

## 1 Installation-Tripod quick temporary deployment



Tripod



Blackbody



**Step1:** Remove the connector from tripod, then fix it to blackbody



**Step2:** Install the blackbody to the tripod

As shows in the following table, the recommended distances between blackbody and camera with different focal length are different.

Installation Recommendation					
Blackbody parameters	Camera focus length				
	3mm	6mm	10mm	13mm	15mm
Distance to camera	1m	2m	3m	3m	5m
Installation height	To be installed at the same height as the camera				

Make sure the blackbody front panel is aimed to the camera



## 2 Configuration

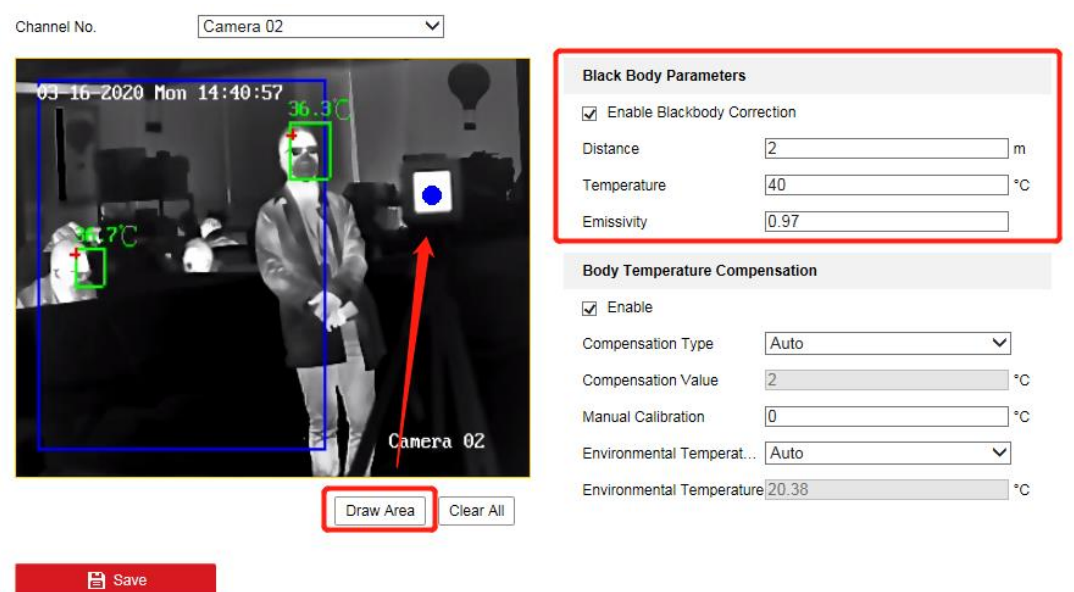
### Step1: Blackbody local temperature setting.

1. Device start-up;
2. Press **SEL** for temperature setting, Press **UP** and **DOWN** to adjust the temperature of the blackbody as 40 Degrees Celsius;
3. Confirm your adjustment by pressing **SEL** again;
4. Wait until the displayed temperature value reaches 40 Degrees Celsius and remain unchanged.



### Step2: Configure blackbody parameter in camera's web.

1. Go to **Configuration > Body Thermometry > Basic Settings > Body Thermography Configuration > Channel 02**
2. Enable **Blackbody Correction**
3. Set **Black Body Parameters** with actual values (**Distance, Temperature and Emissivity**)
4. Press **Draw Area** and put the correction point on the center of the blackbody. The blackbody should be placed outside the human face detection area (blue box in thermal).
5. Click **Save**.



## 3 Advice

1. Make sure that the blackbody appears in the thermal camera view, and outside the face detection frame.
2. Make sure that the blackbody would not be blocked by any other objects.
3. Make sure the relative position of devices would not be changed. If it happens, adjust the location of correction point again.

See far, go further