



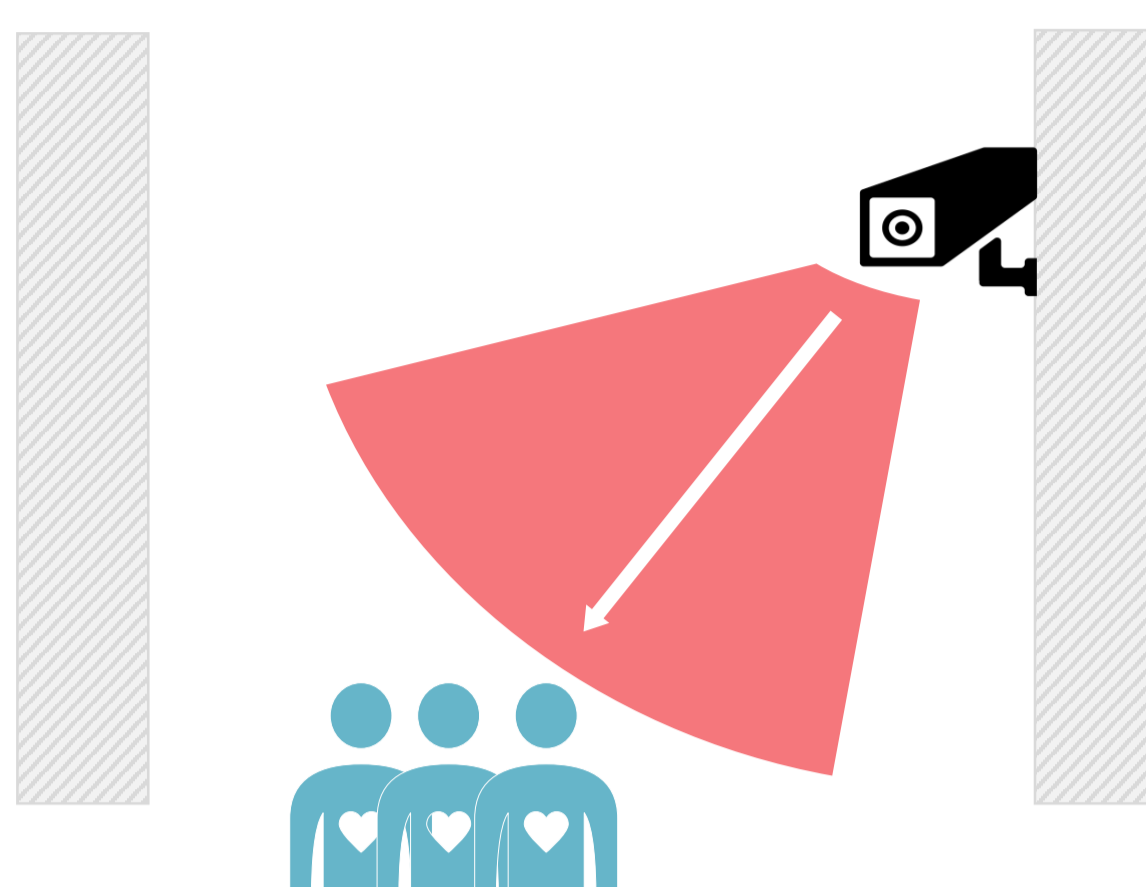
# Temperature Screening Thermal Camera Installation & Configuration Guide



DS-2TD2636B/ DS-2TD2637B

Temperature measurement range: 30-45°C  
 Working temperature: 10-35°C  
 Accuracy: ±0.5°C  
 Resolution: 384 × 288

## 1 Installation-Wall-mounted deployment

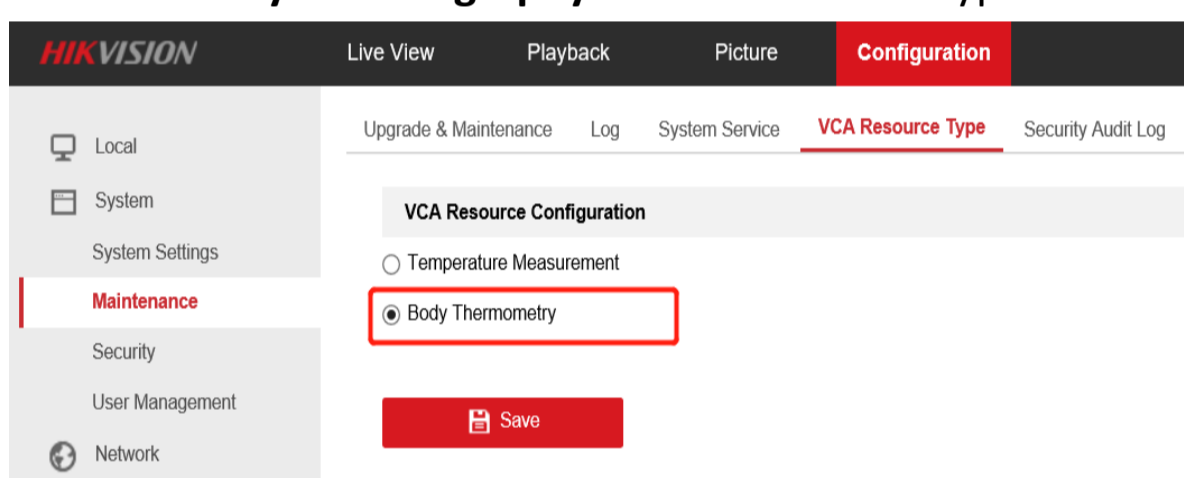


### Installation Parameter Recommended

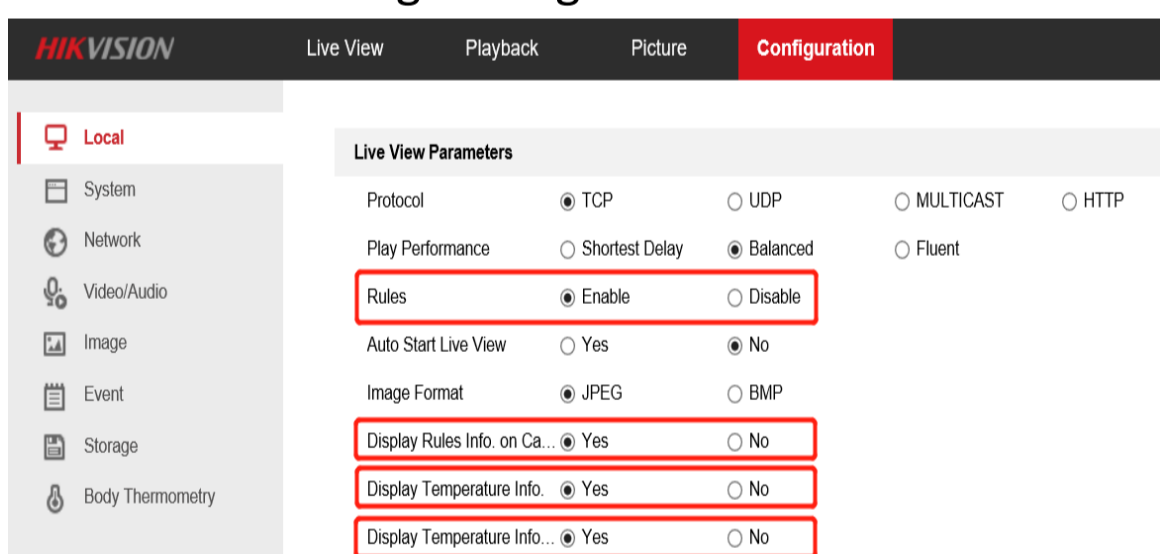
Model	Distance (between human&camera)	Height	Elevation angle
DS-2TD2637B-10/P	2-7m	2.5m	≤20°
DS-2TD2636B-13/P	2.5-7m		
DS-2TD2636B-15/P	2.5-9m		

## 2 Configuration

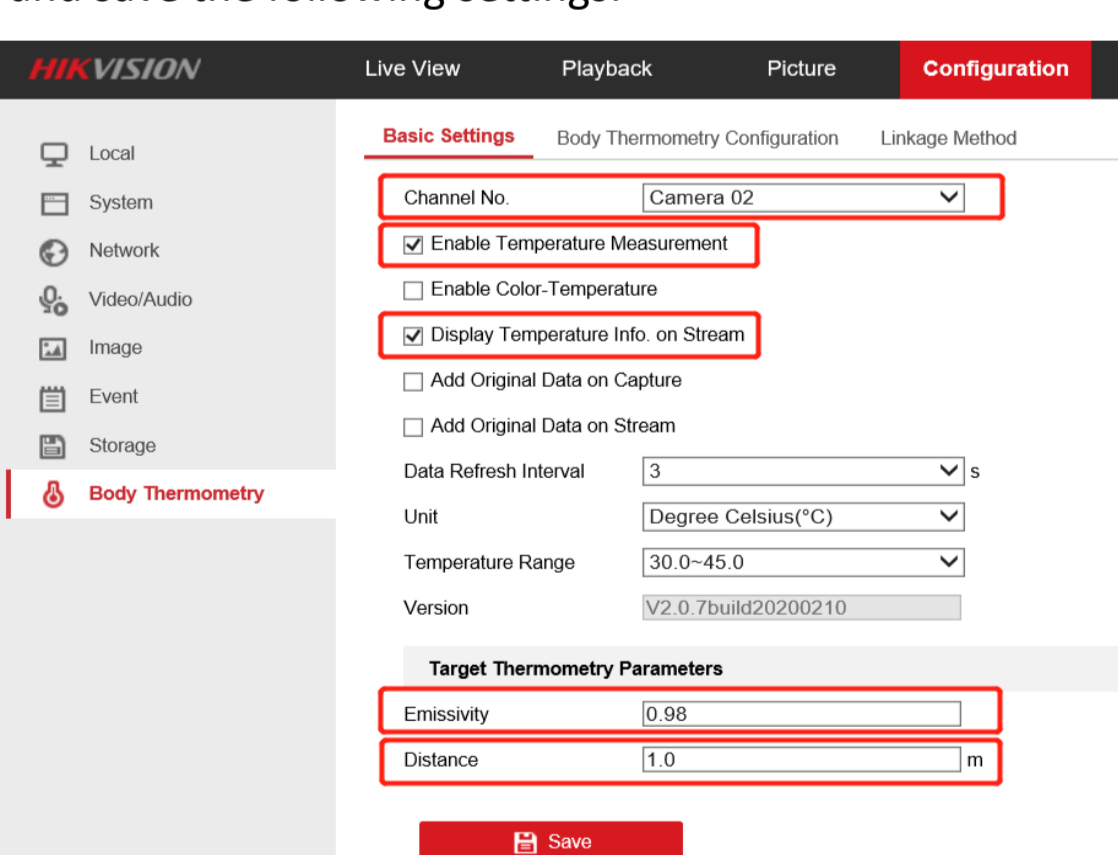
1. Select **Body Thermography** as VCA Resource Type.



2. Go to Local Configuration interface, enable and save the following settings:



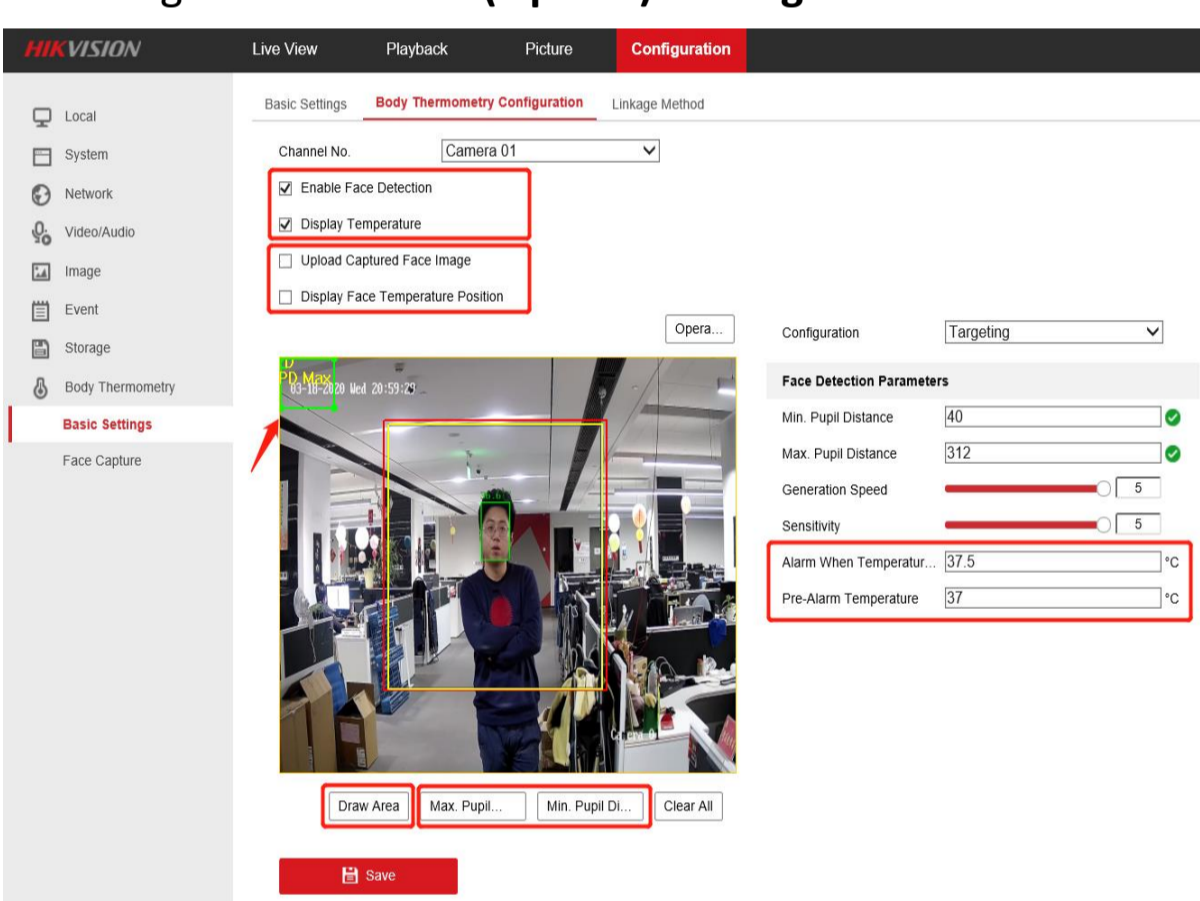
3. Go to Body Thermography **Basic Settings**. Configure and save the following settings:



**Emissivity:** For human skin, this value is normally set as 0.98.

**Distance:** The actual distance between the camera and human.

4. Configure Camera 01 (Optical) Settings.

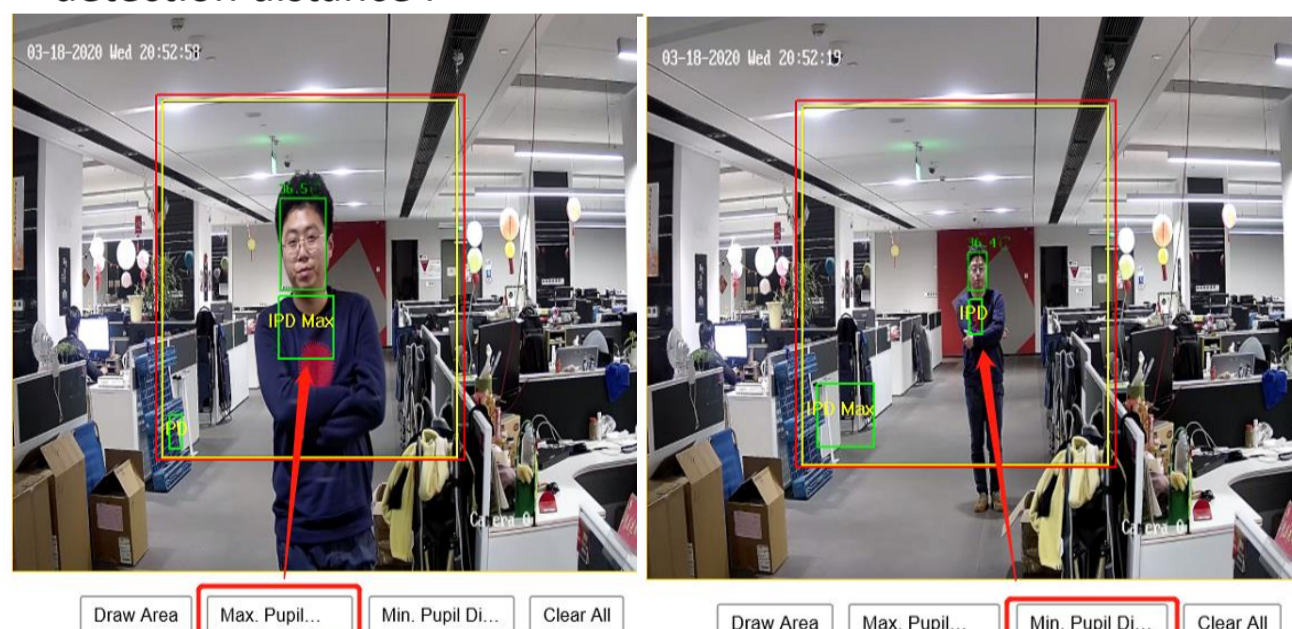


Check **Enable Face Detection** and **Display Temperature**. **Suggest uncheck** Upload Captured Face Image and Display Face Temperature Position if its not a must.

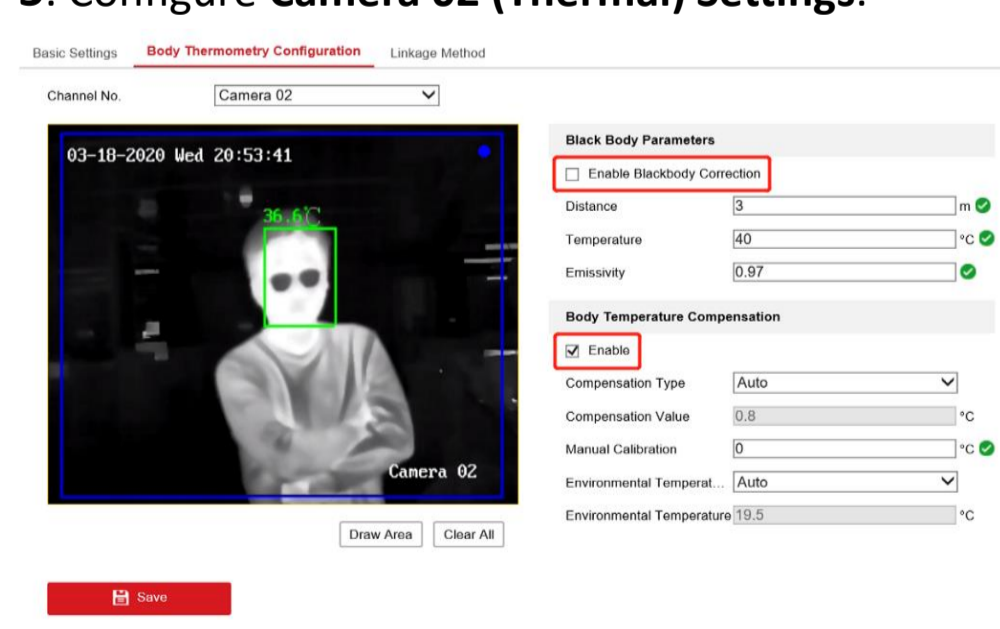
Set **Alarm Temp.** and **Pre-alarm Temp.**

Press **Draw Area** to adjust face detection region.

Click **Max. Pupil Distance** and **Min. Pupil Distance** to draw width filter frame, Max and Min distance refer to camera detection distance .



5. Configure Camera 02 (Thermal) Settings.



Uncheck **Enable Blackbody Correction** If no blackbody is used. Check **Enable of Body Temperature Compensation** and keep parameters as default.

## 3 Advice

The environment would easily influence the performance of thermal camera. Therefore, it is required to be used in a stable indoor environment without wind, and the ambient temperature should be consistent.

Here's some advice:

1. Set up a one-way screening zone, and ensure that camera can clearly see the face of person whose skin-surface temperature is being measured.
2. Avoid backgrounds that are too crowded or bright.
3. 90 minutes after turn on the camera, then go skin-surface temperature measurement, because the camera itself needs to be steady first.
4. If there is a large gap between indoor and outdoor temperature, it is suggested to wait more than 5 minutes then measure skin-surface temperature of whom just got in.
5. Follow the guidance of required temperature measurement distance and height.