



Fever Monitoring System Software

User Manual

BODYTEMP-256-USB

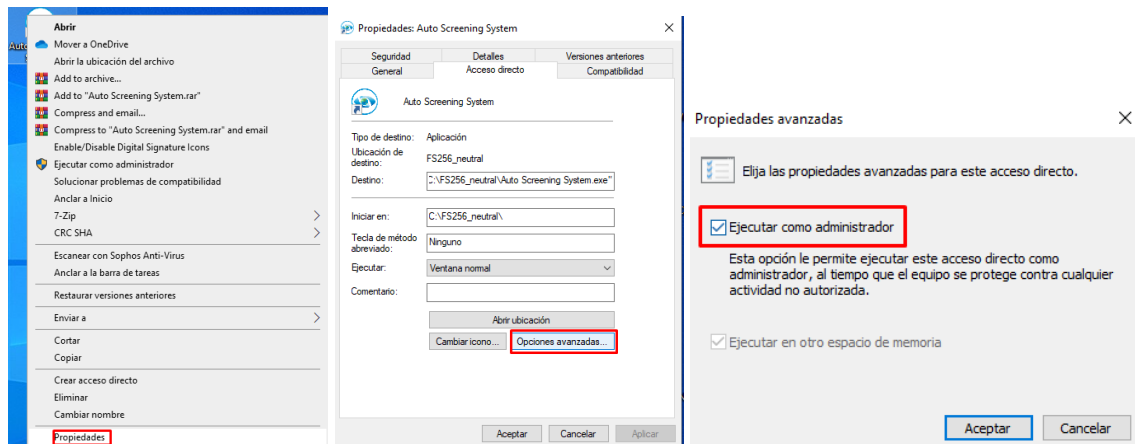
Version	Date	Description
0.0	05/11/2020	First version

1 - Run as administrator

Click the Auto Screening System application on the desktop. If the human face measurement image shows NaN in the detected human face, run it as administrator.

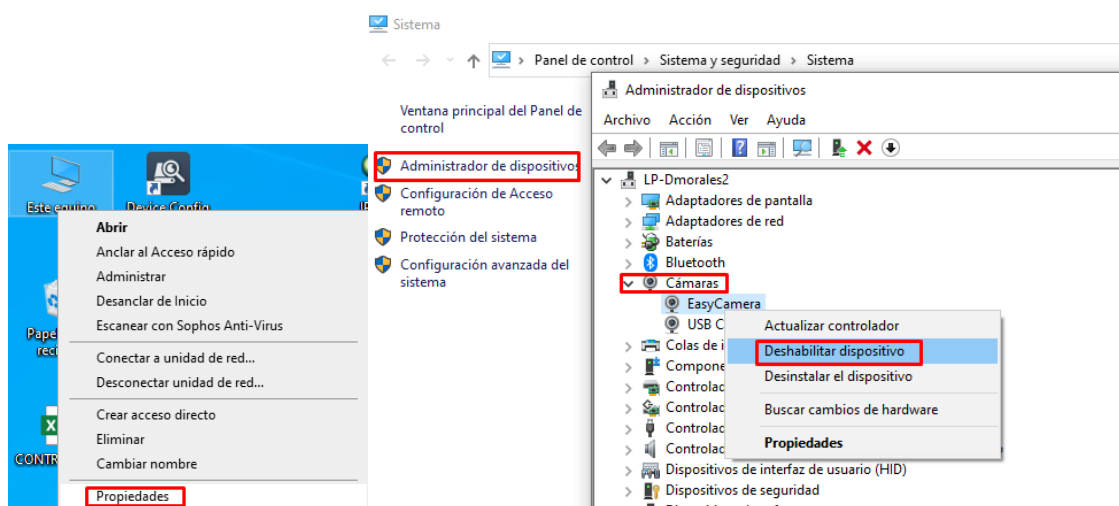
The method is the following:

- 1- Right click on the application, select "Properties" 2- "Advanced Options"
- 3- Check the box "Run as administrator".



If after completing this, the message NAN is still displayed in the image instead of a temperature value, do the following:

- You may have a webcam installed or connected to your computer, right-click on Computer and select "Properties"
- Then click on "Manage Devices"
- Go to the cameras section and disable your webcam as shown below



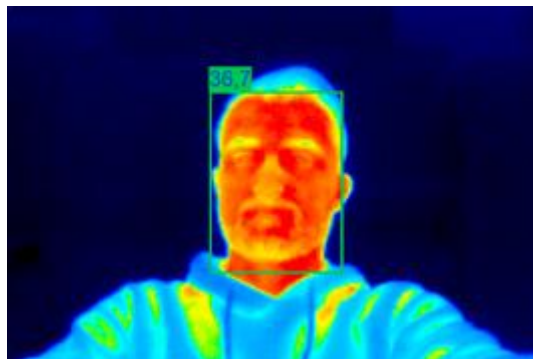
2 - User Interface

The user interface is divided into several main parts:



to. Real-time infrared display

The main area of the interface is the real-time infrared image, the software automatically recognizes and frames the face, and displays the body temperature. The software can identify more than one person. The maximum number of people can be configured in the configuration interface. (We recommend up to a maximum of 4 people).



b. Visualization of flow of people and Warnings

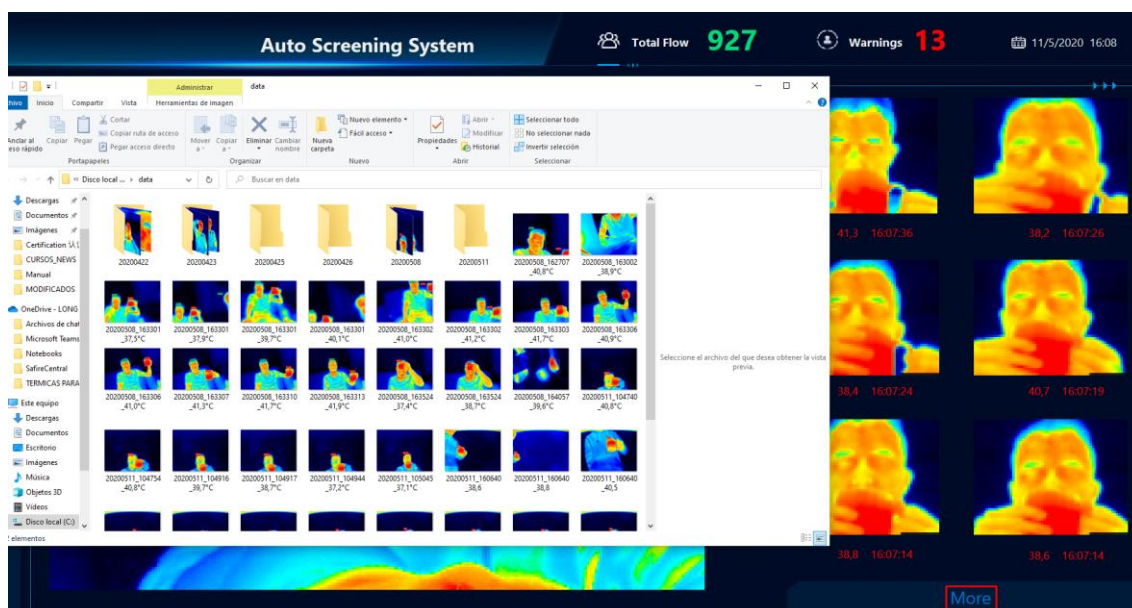
In the upper right corner it shows the "Total flow" of people.

"Warnings" shows the number of people with high temperature detected. "Keyboard" icon shows the date and time.



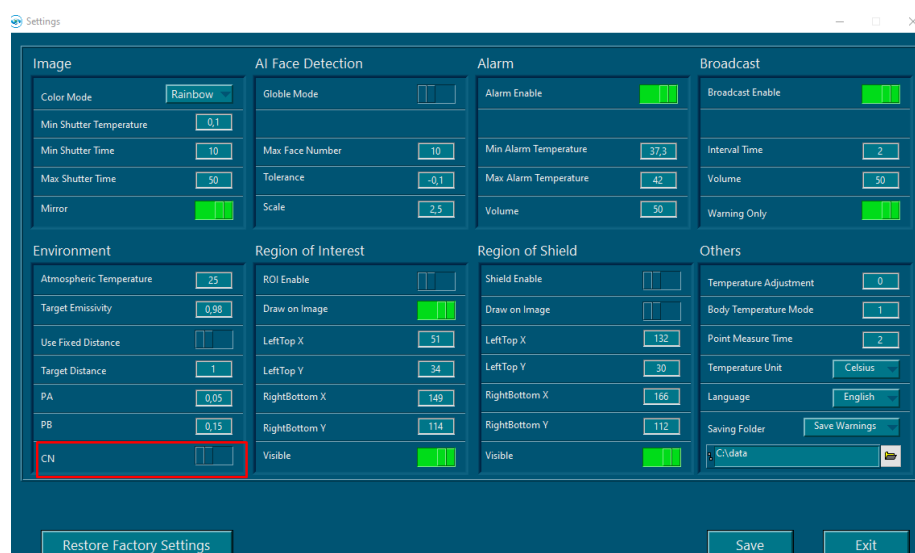
c. Image Preview by Elevated Temperature

Click the "More" button below to display all alarm images.



d. Settings Parameters

Click the "Settings" button on the left to bring up the "Configuration Interface", please adjust the data parameters according to actual needs. If you are using Chinese Windows system, please check the "CN" option, if not check this option. To choose the interface language, check the Language option in the "Others" column. The description of the parameter is shown in the table below.



The setting interface contains eight main parts: Image, AI Face Detection, Alarm, Transmission, Environment, Region of Interest, Shield Region, Others.

Category	Not. Settings	Description
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Image	one	Color mode	4 types of pseudocolors
	two	Min Shutter Temperature	The minimum change value of temperature that activates the shutter function
	3	Min shutter time	Minimum shutter interval time
	4	Max shutter time	Maximum shutter interval time
	5	Mirror	Mirror function
AI Face Detection	one	Global mode	If we select it the alarm is based on the highest temperature of the screen instead of the highest temperature of face detection
	two	Max Face Number	The maximum number of faces that can be detected
	3	Tolerance	Face detection tolerance value, the higher the value, the more tolerant it is
	4	Scale	Parameters related to face detection distance, the higher the value, the more faces can be detected and the more computing resources are required
Alarm	one	Alarm Enable	Enable alarm button
	two	Min alarm temperature	Minimum temperature value that generates alarm
	3	Max alarm temperature	Maximum temperature value that generates alarm
	4	Volume	Alarm signal volume
Broadcast	one	Broadcast Enable	Normal body temperature transmission activation button
	two	Interval Time	Alarm time interval
	3	Volume	Maximum alarm volume (max 100) Transmit
	4	Warning Only	only when body temperature is abnormal
Environment	one	Atmospheric Temperature	Room temperature setting, must be filled according to the actual room temperature
	two	Target emissivity	Target emissivity
	3	Use fixed distance	Set target fixed distance Target distance, value
	4	Target distance	default is 1 meter Region of interest
Region of interest	one	ROI Enable	enabled X coordinate of the upper left point
	two	Left Top X	(X, Y) of the region of interest Y coordinate of the upper left point (X, Y) of the region of
	3	Left Top Y	interest X coordinate of the lower left point (X, Y) of the region of interest Y coordinate
	4	Right Bottom X	of the lower left point (X, Y) of the region of interest
	5	Right Bottom Y	

Others	one	Temperature Adjustment	The temperature adjustment value adds an overall temperature value to the actual temperature measurement result. (Temperature compensation) The forehead temperature is
	two	Body Temperature Mode	automatically converts to body temperature, it is recommended to keep the factory setting, which is 1
	3	Point Measure Time	Temperature display residence time of mode point temperature
	4	Temperature Unit	Temperature unit: ° C (Degrees Celsius) or ° F (Degrees Fahrenheit)
	5	Language	You can choose between Chinese or English language
	6	Alarm Image Saving Folder	Mode storage address alarm images

and. Help button

Click on "Help" or "Help" on the left side of the screen to access the user guide.