

# SUGGESTED PROTOCOL FOR BEST RESULTS USING HANDHELD IR THERMOMETERS



## USE YOUR HANDHELD IR THERMOMETER PROPERLY

Use the manufacturer's recommended measuring distance, perpendicular to the forehead, just above the eyes.

## TAKE READING ON SEVERAL PEOPLE UNDER TYPICAL SCREENING CONDITIONS

Take into account the temperature, weather conditions, etc., where screening normally will take place.

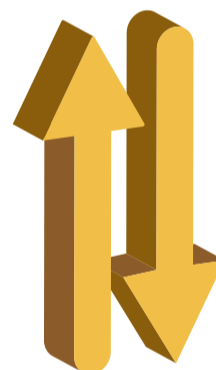


## TAKE ORAL TEMPERATURE OF SAME INDIVIDUALS

Compare the offset.

## ADJUST YOUR DEVICE'S READOUT BY ADDING DETERMINED OFFSET

If the device was reading low, this will allow you to infer body temp correctly.



## REVISIT THIS ADJUSTMENT SCENARIO PERIODICALLY

Be aware of dramatic temperature changes in the test environment.

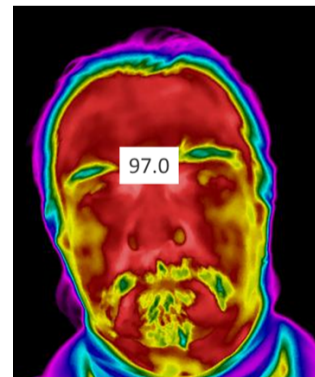
Always calibrate your device with respect to the actual test environment.

## EXAMPLE

Your device reads 97 F but the oral thermometer shows 98.5 F.

Add 1.5 F to your device's output.

If someone now registers 100 F ( $98.5 + 1.5$ ), they should be separated and asked to take additional oral temp screening.



FOR MORE INFORMATION,  
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BASED ON CIRAS-FUNDED RESEARCH INTO NON-CONTACT TEMPERATURE MEASUREMENT