

**IES**

# Thermal Human Observation Reader

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## OVERVIEW

**THOR** is an all-in-one compact temperature reading station developed to assist in the prevention and spread of pandemic outbreaks such as Ebola, COVID-19 and SARS.

Since elevated human body temperature is often a reliable indicator of many serious infections our solution helps to decelerate viral disease in public places by quickly and accurately detecting fever. The station is placed near the entrance of a facility/business. It's easily operated, takes minimal setup time & operator training.

*THOR Helps to Keep Our Community Safe!*

- Quick Installation
- Affordable & Accurate
- Safe & Contactless
- Reading within two seconds
- Built-in amplified Wi-Fi
- No additional software or tools required for setup
- Built-in battery backup supply
- Virtually autonomous

## SYSTEM FEATURES



Visual Spectrum  
*what you see*



Thermal Spectrum  
*what the camera sees*

Infrared thermography provides a visual map of skin temperatures in real time. The subject will see themselves in the monitor (not a thermal image) while their temperature is being detected.

The THOR station is weather & dustproof. Equipped with a 7" inch multifunction display monitor, dual visual & infrared cameras, sensor analysis, alarm functionality, & autonomous communication.

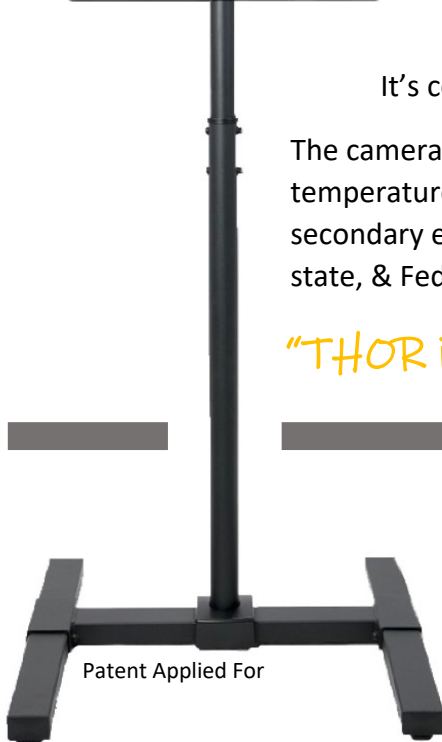
Thermography uses no radiation and does not touch the body. It's completely safe and FDA approved as an adjunctive imaging procedure.

The camera adjusts for ambient conditions to minimize false readings. The color image, temperature scale, & alarm mechanism make it easy to decide when someone requires secondary evaluation. The owner operator would be responsible for adhering to local, state, & Federal guidelines regarding risk assessment & management.

*"THOR is so simple, the only requirement is a power source!"*

## SPECIFICATIONS

Material	Fiberglass Reinforced Polyester
Color	Black
Outer Dimensions	15.75 x 13.83 x 8.73 Inches
Weight	19.75 lbs
Ratings	NEMA Type 4, 4X / IP66
Flame Rating	UL94-5V



## How it Works!



Subject stands 2 feet away from station

- The subject sees themselves in the monitor & presses foot pedal;
- Pauses for approximately five seconds as the highest temperature is measured;
- Red light illuminates if elevated temperature is detected over the programmed threshold;\*
- THOR automatically issues a visual & audible alert as red light illuminates. Owner/operator is alerted simultaneously;
- Staff members may view & monitor the station camera on a connected tablet or computer;
- They would then follow mandated guidance regarding liberties, social distancing & safety procedures.

*\*(avg consideration for fever is anything over 100.4 °F)*

The station stand is adjustable in order to capture people of varying heights. Other mount options are available upon request.



Anti-Tip Design. Adjustable feet pads that level the station on uneven floor.

## APPLICATIONS

### THOR is Versatile!



Designed for Our Community

Ruggedized to fully function in spaces such as offices, groceries, and cafes to more taxing spaces such as ships and factories.