



Reliable protection has never been this simple.

ThermoSentry is a turnkey solution designed to provide rapid screening for elevated body temperature. It is well known that temperature measured around the corner of the eyes (canthus) is most closely related to core body temperature. ThermoSentry automates the process of temperature measurement using AI algorithms to locate the eyes and measure temperature for multiple people in the field of view. It uses a temperature stabilized thermal camera calibrated for temperature readings as accurate as 0.3°C from a safe distance of 6-10 ft.

The solution includes video recording and alerting both on-site and through mobile push notifications should elevated temperature be detected. A video record of elevated temperature readings is also maintained and available through a web-based search engine. It measures temperature in a fraction of second, either for one or multiple individuals at a time. Dynamic signage provides feedback about proceeding or waiting for additional screening. It can further be integrated with doors and access control.

FEATURES

- ✓ Most accurate temperature measurement using eye detection and a thermal camera with a black body to compensate for drift.
- ✓ Calibrated Thermal Sensor with long range wide field-of-view lens.
- ✓ Multiple Alert modalities including on-screen display, audible tone and push notification.
- ✓ Flexible Integration options through digital I/O and cloud services.

BENEFITS

- ✓ Combines thermal for temperature measurement with a high definition camera for quicker identification and intervention.
- ✓ No-Touch measurement at a distance of 10 ft. Enables fast throughput by measuring temperature while people are moving.
- ✓ Provides instant feedback regarding people with potentially elevated temperature who can undergo additional screening.
- ✓ Interface with access control or turnstiles to grant or deny access based on temperature reading.

Note: Thermal cameras are designed to provide an indication of temperature and are not a substitute for clinical measures to detect the presence of a fever or other symptoms that may indicate bacterial or viral infection or other health conditions. The system requires calibration for accurate measurement and must be deployed in a temperature controlled environment without drafts and hotspots. We recommend people coming from other environments that are either hotter or cooler than the camera's environment be asked to wait 2-3 minutes before being scanned. Glasses and headgear are recommended to be removed prior to temperature measurement. No claims or warranty are being made regarding the clinical accuracy of these measurements.

SINGLE FILE SCREENING



Please proceed to your destination.



Please see guard on duty for additional screening.

This mode is frequently employed in conjunction with a door or turnstile control system. Users approach the ThermoSentry one at a time. Temperature is measured in a fraction of a second without requiring the user to stop. Provided the temperature is within a specified range, signage indicates the user may proceed. A downstream door or turnstile is also unlocked at this time. This mode can easily handle traffic of over 500 people per hour.

MULTIPLE PERSON SCREENING



Please see guard on duty



Please proceed

Multiple-Person Screening Mode is suitable for entrances to public places such as schools, sporting and event venues and transportation hubs. ThermoSentry continuously looks for people approaching and measures temperature without any user interaction. Signage can be customized to be user facing or be reviewed by a security/healthcare professional. Thumbnails showing people with both normal as well as elevated temperature can be shown. This mode enables rapid screening of thousands of people per hour.