

SEEK SCAN

Simple Screening for Safer Workplaces

Helps businesses, Institutions and venues reopen a safer environment

PART NUMBER: YW-AAA

Accurate, automated and affordable

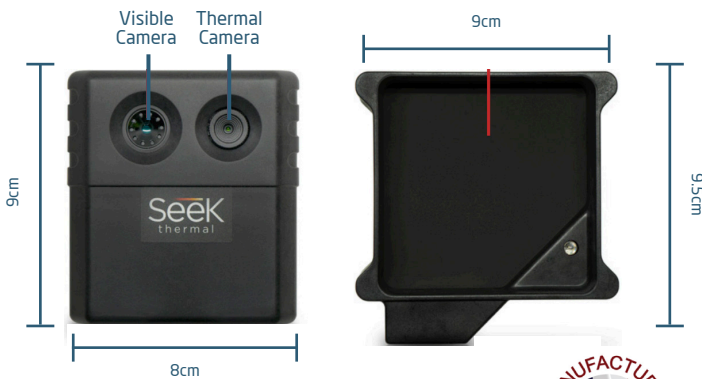
Same performance as a temporal thermometer, but with a safe social distance

Specifically designed and calibrated for skin temperature measurement

Uses a reference heat source for high accuracy

Perfect for lobbies, hallways and other key access points

Meets FDA Guidelines for initial body temperature assessment



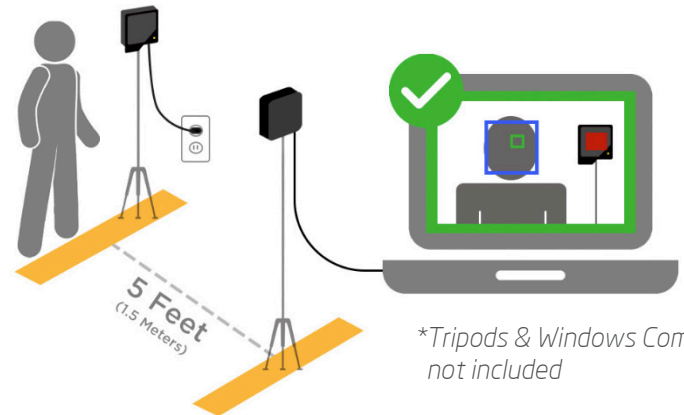
Seek Scan™ is a simple, low-cost, thermal imaging system designed to automate body temperature screening using skin temperature as a proxy. With $\pm 0.3^{\circ}\text{C}$ ($\pm 0.5^{\circ}\text{F}$) accuracy and the inclusion of a reference heat source, Seek Scan delivers the same performance as an infrared temporal thermometer - but with a safe social distance.

The Seek Scan process provides an additional layer of preventive screening and delivers more peace of mind to businesses, institutions and participants.

Set up Seek Scan in minutes using two tripods and a Windows PC.

Perfect for:

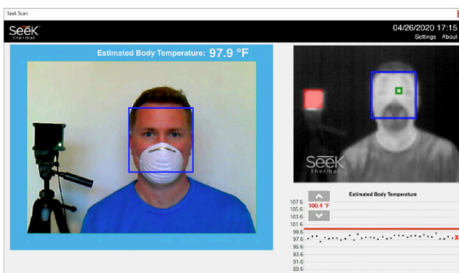
- Small, medium & large businesses
- Factories and warehouses
- Hotels & Restaurants
- Healthcare Facilities
- Venues, theaters and arenas
- Nursing homes
- Schools and daycares
- Gyms and other sports facilities



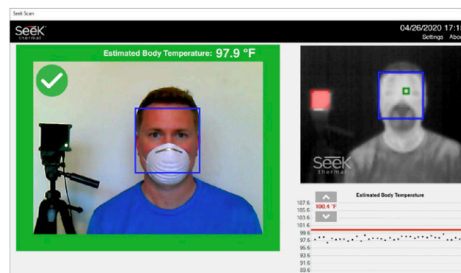
**Tripods & Windows Computer not included*

Ultimate Screening Solution:

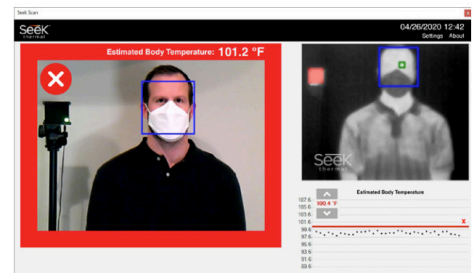
FACE DETECTED. SEEK SCAN IS MEASURING SKIN TEMPERATURE



ESTIMATED BODY TEMPERATURE IS BELOW THE ALARM TEMPERATURE



ESTIMATED BODY TEMPERATURE IS ABOVE THE ALARM TEMPERATURE



SEEK SCAN

Key Features

Designed and calibrated for skin temperature

Unlike typical industrial thermal cameras, Seek Scan was developed for precise skin temperature measurement and also includes a fixed heat source that maximizes accuracy.

Enables social distancing

Delivers the same performance as a temporal thermometer - but with a safe social distance.

Affordable

Affordable thermal screening system that meets FDA guidelines for initial body temperature assessment during the Covid-19 Public Health Emergency.

Fast, automated screening

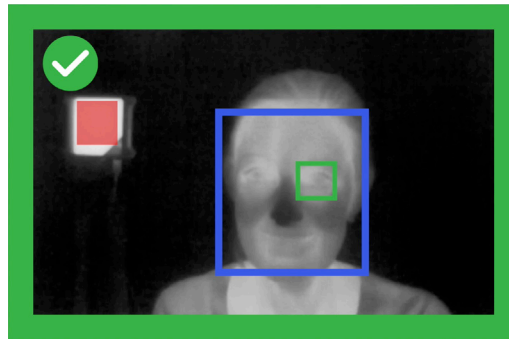
In seconds, the system automatically detects a face, finds the most reliable spot to measure and displays a pass/fail alert.

Proven technology

Thermal imaging has been used globally for years as a fast, non-invasive way to measure temperature.

Easy to install & easy to use

Start scanning in minutes using two tripods and a Windows PC. No special equipment or training required.



Skin Temperature vs. Body Temperature

Seek Scan measures skin temperature as a proxy for body temperature.

Here are a few things to know about skin temperature measurement:

- Skin temperature is typically a few degrees less than body temperature. Similar to an infrared temporal thermometer, Seek Scan uses skin temperature to provide an estimated body temperature.
- Seek Scan is programmed to measure the most reliable parts of the face to produce the best results with high accuracy.
- A person's skin temperature may vary based on a variety of circumstances such as ambient temperature, sweat and eyewear. For this reason, Seek Scan is intended for indoor use only and in environmentally controlled rooms.
- Distance is critical to performance. We recommend marking the floor with tape or decals to ensure all subjects are measured from the exact same distance and while positioning the subject next to the heat source.

As the #1 supplier of thermal sensors to the Public Safety market and one of the largest suppliers of all commercial thermal sensors globally, we have built hundreds of thousands of thermal cameras used worldwide.

SEEK SCAN

Technical Summary

Camera Specifications	Description
Thermal Sensor Resolution	206 (h) x 156 (v)
Visible Light Camera Resolution	640 x 480
Horizontal / Vertical Field	35 Degrees (h) / 26 Degrees (v)
Lens Focal Length / F No.	4.0mm / f/1.20
Frame Rate	<9Hz
Power	USB 5V (Plugs into Computer USB-A port)
Dimensions (L x W x H)	3 x 8 x 9 cm / 140 g
Tripod Mount	1/4"-20 Standard Camera Tripod Mount

Fixed Heat Source Specifications	Description
Temperature-Controlled Device	Emits a constant reference temperature
Power	110V to 220V 50/60Hz (Plugs into Wall Outlet)
Dimensions (L x W x H)	3 x 9 x 9.5 cm / 80 g
Tripod Mount	1/4"-20 Standard Camera Tripod Mount

Measurement Specifications	Description
Temperature Accuracy	± 0.3°C (0.5°F) typical between 36°C to 40°C (96°F to 104°F) @ 1.5 meters (5 feet) Verified in a laboratory setting using a fixed heat source
Sensor Sensitivity	40 mK typical, <50 mK max @ 25°C (Post Signal Processing)

System Specifications	Description
System Requirements	Supported Operating Systems: Windows 7 and 10
Operating Temperature	Optimal temperature accuracy in conditions below 105°F (40°C) ambient
Scan Measurement Time	1 to 3 seconds typical
Data Output	Ask your sales representative for options to integrate Seek Scan data with other systems



A Standard System Includes:

- Camera
- Camera USB-A Cable
- Fixed Heat Source
- Fixed Heat Source Power Cable
- USB Stick with Seek Scan Software
- Quick Start Guide & Warranty

** Seek Scan should not be used to diagnose or exclude diagnosis of COVID-19 or any other disease or condition. Specifications and undocumented specifications are subject to change without notice or liability.*