

seek Scan™

Simple Screening for Safer Communities

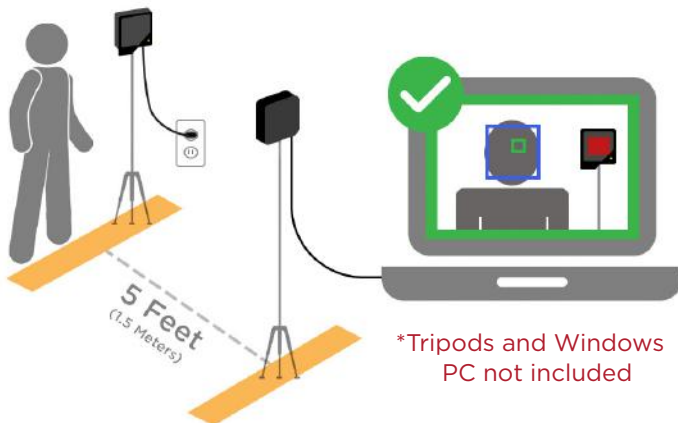
Helps businesses, institutions and venues reopen a safer environment

- 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
- Set up and start screening in minutes

seek thermal

thermal.com

Part Number
YW-AAA



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.

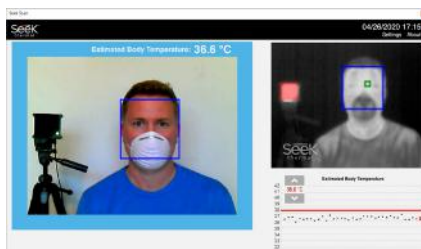
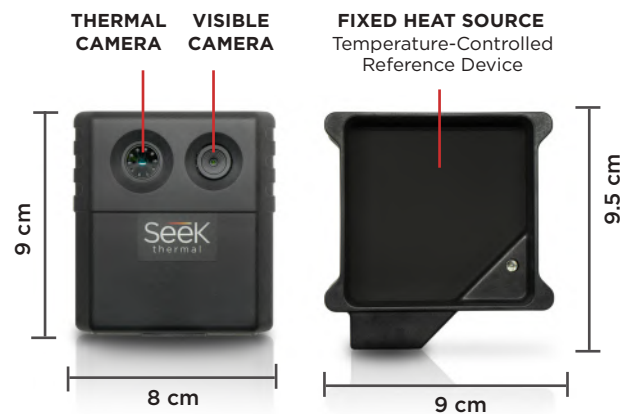
Set up Seek Scan in minutes using two tripods and a Windows PC.

Made in USA with global components

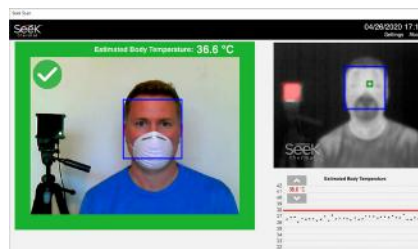
**Patents Pending*

PERFECT FOR:

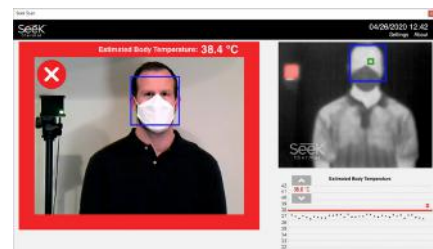
- Small, medium & large businesses
- Factories and warehouses
- Hotels & Restaurants
- Healthcare Facilities
- Venues, theaters and arenas
- Nursing homes
- Schools and daycares
- Gyms and other sports facilities



FACE DETECTED. SEEK SCAN IS MEASURING SKIN TEMPERATURE.



ESTIMATED BODY TEMPERATURE IS BELOW THE ALARM TEMPERATURE.



ESTIMATED BODY TEMPERATURE IS ABOVE THE ALARM TEMPERATURE.

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 to maximize accuracy

Enables social distancing

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

Affordable

Priced significantly lower than other thermal screening solutions

Fast, automated screening

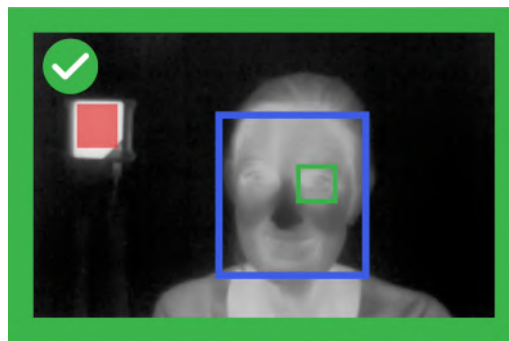
In seconds, the system automatically detects a face, finds the most reliable spot to measure and displays a pass/fail alert

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 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 a leading supplier of thermal sensors to the Public Safety market and one of the largest suppliers of all commercial thermal sensors globally, Seek Thermal has built hundreds of thousands of thermal cameras used worldwide.

TECHNICAL SUMMARY

Camera Specifications	Description
Thermal Sensor Resolution	206 (h) x 156 (v)
Visible Light Camera Resolution	640 x 480
Horizontal / Vertical Field of View	35° (h) / 26° (v)
Lens Focal Length / F-Number	4.0mm / f/1.20
Frame Rate	<9Hz
Power	USB 5V (Plugs into Computer USB-A port)
Dimensions (L x W x H) & Weight	3 x 8 x 9 cm / 140 g
Tripod Mount	1/4"-20 Standard Camera Tripod Mount
Fixed Heat Source Specifications	
Temperature-Controlled Device	Emits a constant reference temperature
Power	110V to 220V 50/60Hz (Plugs into Wall Outlet)
Dimensions (L x W x H) & Weight	3 x 9 x 9.5 cm / 80 g
Tripod Mount	1/4"-20 Standard Camera Tripod Mount
Measurement Specifications	
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	
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 Second
Data Capture	Event Trigger with JPEG and Thermal Spot Temperature
Data Output	Ask your sales representative for options to integrate Seek Scan data with other systems



WHAT'S IN THE BOX

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

*** Tripods and Windows PC not included**

ABOUT SEEK THERMAL

Seek The Unseen®

An unseen world of energy surrounds us. We only see some of it with our eyes, light from a source of energy reflected on objects around us. But even though we can't see it, all objects produce or retain heat. When viewed through a Seek Thermal camera, this world of heat can be converted to images, providing important information useful in solving everyday problems that are otherwise invisible to the naked eye. Seek thermal imaging lets you see the world of heat instead of the world of light.

Proven Track Record

The company was founded in 2012 by two industry pioneering scientists, Bill Parrish, PhD and Tim Fitzgibbons PhD, who spent 40 years advancing the state of military and professional-grade thermal imaging technology. Following their previous two companies, Amber Engineering and Indigo Systems, each with successful acquisitions, Seek Thermal is their third venture with the mission to make thermal imaging a part of everyday life.

Built for Quality and Scale

Seek Thermal is partnered with Raytheon and NXP to design and deliver high-quality, affordable thermal imaging sensors and products across the globe at scale. As one of the few companies in the world capable of building sensors, Seek Thermal has shipped hundreds of thousands of thermal imaging products around the world as it continues to make thermal imaging an accessible, everyday tool, so people can do their jobs safer, faster and smarter.

** Seek Scan does not detect or diagnose Covid-19. Seek Scan measures skin temperature as a proxy for body temperature which is not 100% correlated. Specifications and undocumented specifications are subject to change without notice or liability. Not for sale in countries requiring governmental approval or for purchase by military users.*