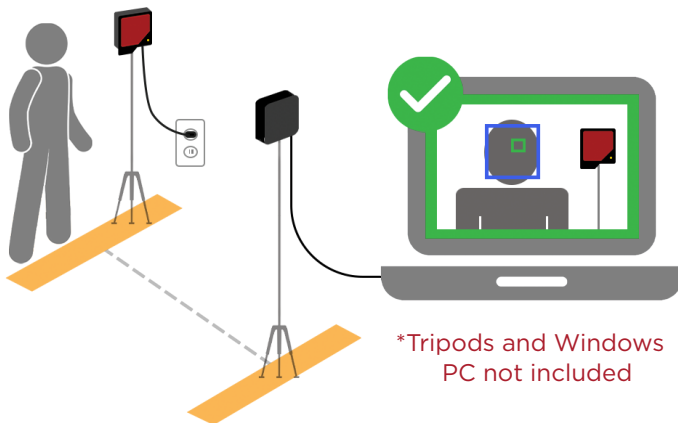# Seek Scan™

Simple Screening for Safer Communities

Helps businesses, institutions and venues easily screen for skin temperature

- Accurate, automated and affordable
- Specifically designed and calibrated for skin temperature measurement
- Enables social distancing
- Perfect for lobbies, hallways and other key access points
- Set a customizable alarm temperature and start screening in minutes

Seek thermal™

thermal.com

Part Number
YW-AAA

*Tripods and Windows PC not included

Seek Scan™ is a simple, low-cost, thermal imaging system designed to automate body temperature screening using skin temperature as a proxy. Unlike traditional screening methods, Seek Scan enables social distancing, self-measurement and finds the most reliable spot on the face for temperature measurement.
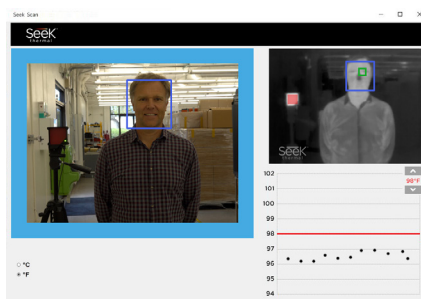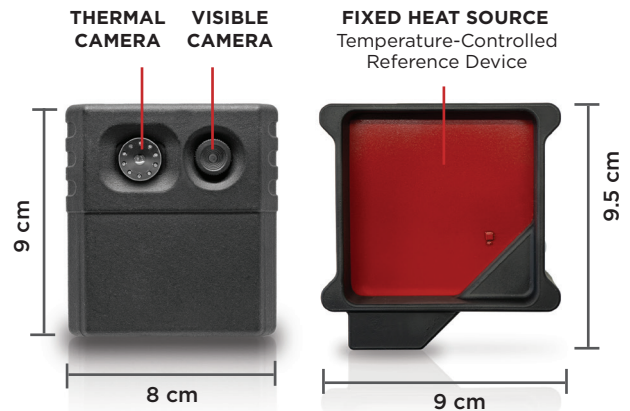
The Seek Scan process provides an additional layer of preventive screening and delivers more peace of mind to businesses, institutions and participants.

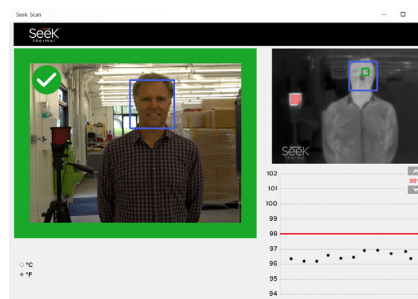Set up Seek Scan in minutes using two tripods and a Windows PC.

Made in USA with global components

PERFECT FOR:

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

THERMAL CAMERA   VISIBLE CAMERA

FIXED HEAT SOURCE
Temperature-Controlled Reference Device

9 cm

8 cm

9.5 cm

9 cm

ANALYZING SKIN TEMPERATURE

BELOW ALARM TEMPERATURE

ABOVE 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
Non-contact, non-invasive screening eliminates contact between screening personnel and participants

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 based on the customizable alarm temperature

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

Easy to install and easy to use
Start scanning in minutes using two tripods and a Windows PC

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) 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

* Tripods and Windows PC not included