

SEEK Scan™

# kiosk

Keep Safe.  
Keep It Simple.

Streamline temperature checks with no-touch, no-fuss thermal scanning.

- Everything you need is included in the box
- Same performance as a temporal thermometer, but with a safe social distance
- Specifically designed and calibrated for skin temperature measurement
- Accurate, automated and affordable
- APIs available for access control, VMS and other network capabilities
- Meets FDA Guidelines for initial body temperature assessment

Seek™  
thermal

thermal.com

Part Number  
**YW-AAK**

Seek Scan™ Kiosk is an all-in-one, low-cost, thermal imaging system that's designed to automate body temperature screening by using skin temperature as a proxy. Everything you need to start screening in minutes comes included with Seek Scan Kiosk. This all-in-one solution comes with a Seek Scan Camera and Reference Heat Source, a 10" tablet, durable aluminum stands, and all required cables.

With  $\pm 0.3^{\circ}\text{C}$  ( $\pm 0.5^{\circ}\text{F}$ ) of accuracy, Seek Scan Kiosk delivers the same performance as an infrared temporal thermometer - but automated from a safe social distance.

**Manufactured in the USA & NDAA compliant**

*\*Patents Pending*



## KEY FEATURES

### Fast, Automated Screening

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

### Enables Social Distancing

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

### Affordable Turnkey Solution

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

### Email Notifications

Receive an email notification every time someone measures above the customizable alarm temperature.

### API Integration

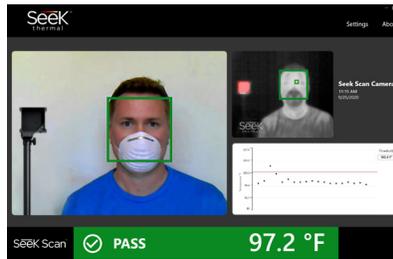
Send alarm events, trigger access control and video management systems, pull and present historical data to integrate and stream multiple Seek Scans into one enterprise solution.

### Meets FDA guidelines

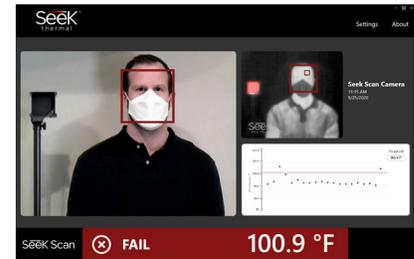
Seek Scan meets the accuracy specification, includes a reference heat source and is made for single person screening.



**FACE DETECTED. SEEK SCAN IS MEASURING SKIN TEMPERATURE.**



**ESTIMATED BODY TEMPERATURE IS BELOW THE ALARM TEMPERATURE.**



**ESTIMATED BODY TEMPERATURE IS ABOVE THE ALARM TEMPERATURE.**

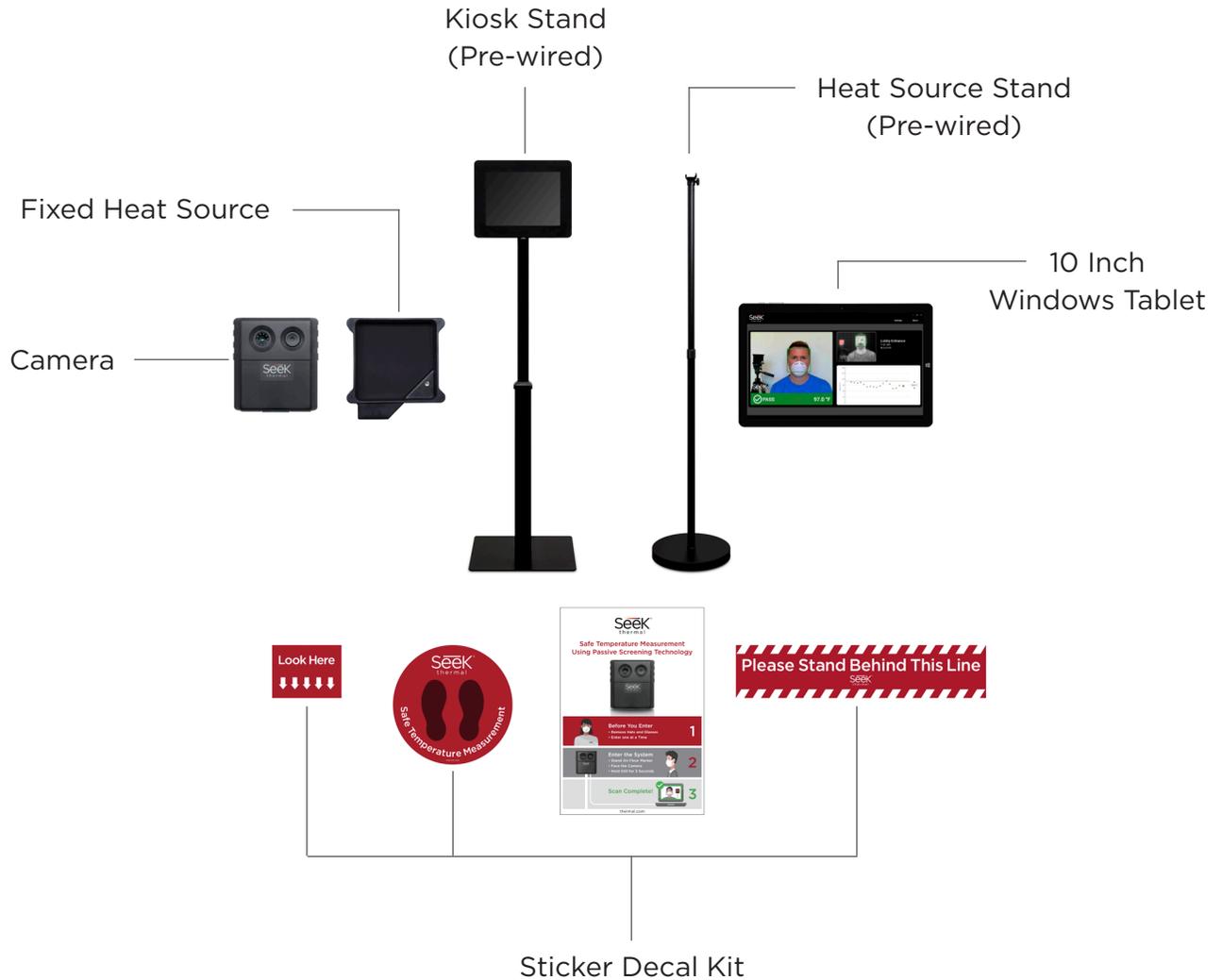
## PERFECT FOR:

- 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



**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.**

## WHAT'S IN THE BOX



### OTHER ITEMS INCLUDED:

- Seek Scan Software pre-installed on tablet
- Fasteners and tools for assembly
- Two enclosure keys
- US, EU & UK AC plugs
- User Manual
- Warranty

\* Items shown above are not to scale.

## TECHNICAL SUMMARY

Camera & Tablet 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
Tablet		10.1" touchscreen running Windows 10 pre-installed with Seek Scan Software
Power		100 V to 240V 50/60Hz
Fixed Heat Source Specifications		
Temperature-Controlled Device		Emits a constant reference temperature
Dimensions (L x W x H) & Weight		3 x 9 x 9.5 cm / 80 g
Mount		1/4"-20 Standard Camera Tripod Mount (Stand Included)
Power		110V to 220V 50/60Hz (Plugs into Wall Outlet)
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		
Scan Measurement Time		1 to 3 seconds typical
Operating Temperature		Optimal temperature accuracy in conditions below 105°F (40°C) ambient
API Capabilities		RTSP streaming video and UDP & TCP commands via JSON
Stand Specifications		
Height Compatibility		Adjustable for individuals from 3 feet (1m) to 7 feet (2.1m)

## 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 eye wear. 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.

## ABOUT SEEK THERMAL

### 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 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.*