

Seek Scan™

Thermal Imaging System

Seek Scan is a simple, low-cost, thermal imaging system designed to automate body temperature screening. This system delivers the same performance as an infrared temporal thermometer – but automated from a safe social distance. The system can be up and running in minutes with no special equipment or training.

**Patents pending on Seek Scan System and Fixed Heat Source*



■ Designed & 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 at a safe social distance.

■ Fast, Automated Screening

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

■ Affordable

Priced competitively with other thermal screening solutions.

■ Proven Technology

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

■ Easy To Install & Use

Start scanning in minutes using two tripods and a Windows PC of your choice (not included). No special equipment or training required.

Technical Summary:

Camera Specifications	Description
Thermal Sensor Resolution	206 (h) x 156 (v)
Visible Light Camera Resolution	640 c 480
Horizontal / Vertical Field of View	35° (h) / 26° (v)
Lens Focal Length / F-Number	4.0mm / f/1.20
Frame Rate	<9 Hz
Power	USB 5V (Plugs into Computer USB-A port)
Dimensions (LxWxH) / Weight	3x8x9 cm / 140 g
Tripod Mount	1/4" -20 Standard Camera Tripod Mount

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

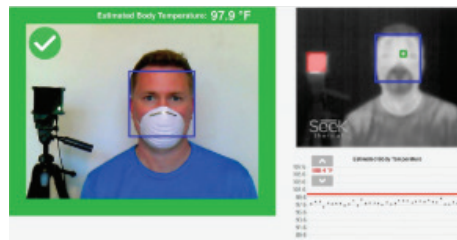
Fixed Heat Source Specifications	Description
Temperature-Controlled Device	Emits a constant reference temperature
Power	110V to 220V, 50/60Hz (Plugs into wall outlet)
Dimensions (LxWxH) / Weight	3x9x9.5 cm / 80 g
Tripod Mount	1/2"-20 Standard Camera Tripod Mount

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

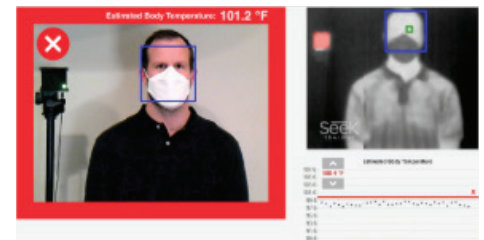
Catalog number: YW-AAA



Face Detected. Seek Scan is measuring temperature.



Estimated body temperature is below the alarm temperature.



Estimated body temperature is above the alarm temperature.

Seek Scan is intended for indoor use only and in environmentally controlled rooms. We recommend marking the floor with tape or decals to ensure subjects are measured from exact same distance, and while positioning the subject next to the heat source reference.

*Note: The patent-pending heat source allows Seek Scan to achieve much higher accuracy than a standard thermal imaging camera. **Any system that does not have a reference heat source does not follow new FDA guidelines published April, 2020, despite manufacturer claims.** Further, the FDA guidelines require the system to measure only one subject's temperature at a time.*



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More Information

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