# ThermaCheck™
## TC160, TC160-AU/EU/UK

Safe, Effective, and Automated Elevated Body Temperature Screening System

### *Ideal for:*

- Small & Medium Businesses
- Schools & Day Care Centers
- Warehouses & Factories
- Nursing & Retirement Homes
- Gyms & Sports Facilities
- Theaters & Arenas
- Hotels & Casinos

**2 YEAR WARRANTY**

## Why Choose ThermaCheck?

This automated, elevated body temperature screening system is perfect for business lobbies and other key entry points. With easy setup and customizable temperature alarms, you'll be monitoring people's temperatures in minutes. ThermaCheck helps maintain proper social distancing protocols to help keep your employees, customers, and guests safe. Eliminate operator errors and get instant, accurate, and reliable results without requiring special training. Send email notifications (up to 10 recipients) when an alarm is breached.

### Intelligent

- Easy Setup
- Simple to use software
- Multi Camera Networking
- No special training needed

### Precise

- Automatic Face Detection
- ≤±0.5˚F Accuracy
- Wide FOV – Easily handles multi-person as well as variant subject height

### Affordable

- Priced lower than other portable therma elevated body temperature screening cameras

User Settable Alarm

Wide Field of View

AI Automatic Face Detection

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## What's in the box:
- ThermaCheck Camera
- Power adapter
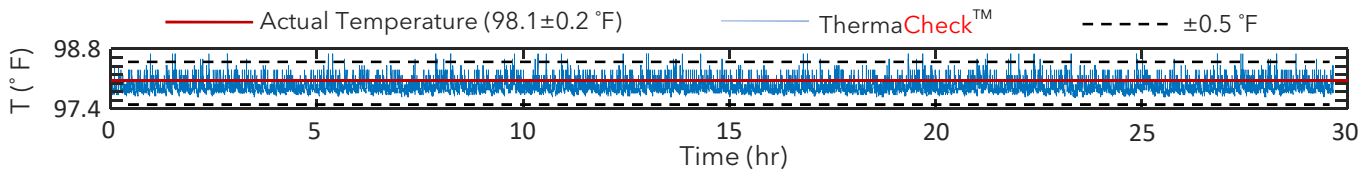- Ethernet cable & USB adaptor
- Desktop tripod & mount extension

## ThermaCheck software
Powerful and easy-to-use interface that makes it a snap to set up and calibrate your camera's alarm levels. Plus, it gives you both visual and audible alerts, so you'll know if a temperature threshold has been exceeded right away, while maintaining safe social distancing.

| | | |
|---|---|---|
| **Temperature Measurement & Alarm** | Temperature Range | Optimal: 91 - 104˚F (33 - 40˚C) / Max: 82 - 113˚F (28 - 45˚C) |
| | Temperature Accuracy** | Without Blackbody: ≤±0.5˚F (≤±0.3˚C); (Optimal Range) |
| | Measurement Distance | 3.5 - 13ft (1 - 4m) |
| | Calibration | Human subject or blackbody |
| | Target Mode | Single or Multiple Person |
| | Intelligent Tracking | Automatic tracking and highest temperature readout |
| | Temperature Alert | User defined threshold value |
| **Thermal Camera** | Sensor Technology | Uncooled Vox Microbolometer |
| | Resolution | 160 x 120 |
| | NETD | <50 mK (0.050 ˚C) |
| | FOV | 57˚x 44˚ |
| | Color Palettes | Iron Red |
| **Visual Camera** | Sensor Technology | 1/2.9-inch CMOS |
| | Pixel Size | 2MP |
| | Resolution | 1920 x 1080 |
| | Low Light Level | Color: 0.1Lux@ (F1.2)  /  B&W: 0.01Lux@ (F1.2) |
| | Wide Dynamic | Supported |
| | Color Balance | Supported |
| | Digital Noise Reduction | 3D digital noise reduction |
| **General** | Operating Temperature | 50 - 113˚F (0 - 45˚C)/Preferred: 60 - 90˚F (16 - 32˚C) |
| | Humidity | EC 60068-2-30/24h @ 85% RH |
| | Power Adaptor* | Input: 100-240V AC, Output: 15V 2A DC |
| | Dimension | 3.75 x 3.5 x 1.6in (95 x 88 x 40mm) |
| | Weight | 12.3 oz (348 g) |

∗ International Power Adaptor type specified by Model Number suffix, with the following options: TC160-EU (Type-C), TC160-UK (Type-G), and TC160-AU (Type-I).

** ThermaCheck™ drift accuracy is shown over a 30hr period without the use of a blackbody.

*Disclaimer: Our products are not used to diagnose any disease. Planck Vision Systems is not advertising our cameras as medical equipment. Our products can only identify individuals with elevated skin temperature. There is no way to thermally detect an infected individual who does not have an elevated body or skin temperature and only a licensed medical professional can determine if such an individual is experiencing an abnormal medical condition.*