

ThermaCheck™ Pro

TC320 / TC320-AU/EU/UK

High Traffic Elevated Body Temperature Screening System with Dual Cameras



(Mounting bracket not included)



Ideal for:

- Schools & Universities
- Recreation and Community Centers
- Communal Living Facilities
- Transit Centers
- Warehouses & Factories
- Medium & Large Businesses

What's in the box:

- ThermaCheck Pro Camera
- USB-to-Ethernet adaptor
- Power Adapter
- Ethernet Cable

ThermaCheck Pro is an easy-to-use thermal imaging system for the detection of elevated body temperature. Specifically designed for high traffic screening, the enhanced resolution of the Pro's thermal camera allows remote operation from distances up to 20ft (6m) and scanning areas up to 80 ft² (7.4 m²). Built-in AI facial detection automates screening of individuals or family groups in seconds. The Pro comes equipped with a visible camera and an IR illuminator for security applications.



Rapid

Scan high-traffic flow of people with individual or group



Automated

Automatic face detection and temperature pass/fail alerts



Cost Effective

Priced lower than comparable high-performance systems

Why Choose ThermaCheck™ Pro?

It's the most reliable, cost effective, and high-performance elevated body temperature screening system available today, making it perfect for schools, transit centers and communal living facilities. Comes with simple to use windows software designed for individual or multiple camera screening scenarios. ThermaCheck helps to enable proper social distancing protocols to keep your employees, students, customers or guests safe.



Thermal and Visible Camera with IR Illuminator

ThermaCheck™ Pro

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ThermaCheck Software

Powerful and easy-to-use interface that makes it simple to set up and calibrate your camera; On-screen and audible alerts given when any individual's temperature exceeds a safe value. Thermal and visible image capture upon alarm trigger.



Temperature Measurement & Alarm	Temperature Range	Optimal: 91 - 104°F (33 - 40°C) / Max: 82 - 113°F (28 - 45°C)
	Temperature Accuracy	Without Blackbody: $\leq \pm 0.5^\circ\text{F}$ ($\leq \pm 0.3^\circ\text{C}$); (Optimal Range)
	Measurement Distance	6-20 ft (1.8-6m)
	Calibration	Human subject or blackbody
	Target Mode	Single or Multiple Person
	Intelligent Tracking	Automatic target tracking and highest temperature readout
	Temperature Alert	User defined threshold value
Thermal Camera	Sensor Technology	Uncooled Vox Microbolometer
	Resolution	336 x 256
	NETD	<50 mK (0.050 °C)
	FOV	25°x19°(13mm) / 35°x27°(9mm) / 45°x35°(7.5mm)
	Color Palette	Iron Red
Visible 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
	IR illuminator	5-watt 850nm LED
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	3.4 x 4.1 x 5.7 in (86 x 105 x 144 mm)
	Weight	2.65 lbs (1200 g)

* International Power Adaptor type specified by Model Number suffix, with the following options:
TC320-EU (Type-C), TC320-UK (Type-G) and TC320-AU (Type-I).

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.