

ThermaCheck® M1

TC160-M1, TC160-M1-AU/EU/UK

ThermaCheck M1 dual vision temperature and mask screening system helps to create a safer environment for employees and visitors in public and private facilities

Features:

- Built-in AI quickly scans single and/or multiple people
- Plug and Play – no PC needed
- High throughput reduces formation of lines
- Easy to see pass/fail state for temperature & mask detection
- Saves time-stamped images
- Displays screening statistics
- Built-in relay

Perfect for:

- Office buildings
- Factories & warehouses
- Nursing & rehab facilities
- Hospitality industry
- Entertainment & Sports facilities

Ideal for Integration:

- Accommodates standard security VMS and NVR solutions




The ThermaCheck® M1 Advantage

ThermaCheck M1 is an autonomous and easy-to-use dual vision camera for automated elevated body temperature screening, mask detection and people counting. Simple HDMI connectivity allows the camera head to be paired with your choice of display. An alarm status relay allows integration with other forms of access control. Accurate and reliable screening results, integrated into your other entry protocols, will help keep your employees, customers, and guests safe.



Intelligent

Automatic face detection, mask alerts, temperature pass/fail, and people counter



Autonomous

On board computer with built-in software allows you to be up and scanning in no time



Affordable

Economical camera head and HDMI connectivity offers best value screening solution

What's in the Box:

- ThermaCheck M1 camera
- Power adaptor
- HDMI cable
- Mouse
- 32GB SD Card



Secured SD Card Compartment



ThermaCheck M1 has a powerful and easy-to-use HDMI interface.

Temperature Measurement & Alarm	Temperature Range	82 - 113°F (28 - 45°C)
	Temperature Accuracy	±0.5°F (±0.3°C)
	Measurement Distance	3.5 - 13.1ft (1 - 4 m)
	Calibration	Human subject or blackbody
	Target Mode	Single or Multiple Person (~10 people max)
	Temperature Alert	User defined threshold value
	Mask Alert	Toggle on/off
Thermal Camera	Sensor Technology	Microbolometer
	Resolution	160 x 120
	NETD	<50 mK (0.05°C)
	FOV	57° x 44.3°
	Color Palette	Iron Red
Visual Camera	Sensor Technology	1/2.8 inch CMOS
	Pixel Size	2MP
	Resolution	1920 x 1080
	Low Light Level	Color: 0.01Lux@(F1.5)
General	Connections	1 x USB; 1 x HDMI; 2 x relay
	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: 12V 2A DC
	Dimension	5.2in x 3.5in x 1.8in (130mm x 90mm x 45mm)
	Weight	16.5 oz (465 g)
	SDK	HTTP API for easy integration with VMS

* International Power Adaptor type specified by Model Number suffix, with the following options:
TC160-M1-EU (Type-C), TC160-M1-UK (Type-G) and TC160-M1-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.