

Improve  
Safety & Security  
and Deliver  
Peace of Mind



PDI-TK8, 8"LCD, Thermal Camera  
Temperature Screening Tablet

## **PROTECTS STAFF BY MAINTAINING SOCIAL DISTANCE WHILE MONITORING PERSONS ENTERING YOUR FACILITY**

Safety is the main priority in this COVID-19 era. Implement PDI-TK8 tablet technology to screen for fever, the most likely initial symptom of the coronavirus. Better utilize and protect your staff.

This accurate thermal camera, body temperature scanner kiosk with 8" LCD tablet will automatically and safely check the body temperature of everyone who enters your facility. Whether you need facial recognition of staff, a door-unlock interface, mask recognition, or simple temperature screening, this scanner will serve your facility staff, patients and visitors with a first line of defense against the spread of COVID-19 or other contagious illnesses.

- Allows Safe Social Distance
- Automatic and Non-contact
- Highly Accurate, +/-0.9° F
- Audio and Visual Alerts
- Easy to Implement
- Saves Time for Staff
- Detects Mask Usage
- Outputs Easily Tie Into Building Door Access Security Controls

*Saves staff time by using the option for facial recognition software to expedite and record staff temperatures. Plus, mask recognition will instruct user to wear a mask.*

# SPECIFICATIONS

## CAMERA

Resolution	2 megapixels
Effective Pixels	1920x1080

## TEMPERATURE PARAMETERS

Focusing Height	42" to 72" (1.0 to 1.8 m)
Recognition Technology	IR Array Thermography Temperature Detection Mask Wearing Recognition
Recognition Time	0.3 sec
Temperature Measurement Range	68-212°F (20-100°C)
Temperature Measurement Distance	24" (0.61m)
Temperature Accuracy	+/-0.9°F (0.5°C)

## SCREEN DISPLAY

Size	8" LED Backlight
Type	Capacitive Touch
Resolution	800x1280
Life	50,000 Hours

## PROCESSOR

OS	Android 7.1
CPU	QUAD CORE CORTEX-A53 ROCK CHIP RK3399 2.0 GHz DUAL CORE CORTEX-A72 2.0 GHz
Memory	2GB
Storage	8GB eMMC
Secondary Storage Capacity	~10,000 faces
Log File Capacity	~40,000 records

## INTERFACE

Network Module	ENET and WiFi
Port	RJ45
Supports	2.4g/5g WiFi, 802.11b/g/n, Bluetooth4.1
USB	USB3.0; RS485

## POWER

Type	12V DC (AC Adapter)
------	---------------------

## DIMENSIONS

Stand Height	48in
Height to Tablet Mount	~ 57in
Base Plate	12" x 12" x 1"
Tablet Size	8in x 5.5in

## WARRANTY

1-year

## PDi Leads by Example

You can trust that US-based PDi has made the necessary improvements to our manufacturing and business processes too during these challenging times.

- We now employ digital access control to our building with temperature screening and mask recognition for persons entering our plant.
- We are taking extra precautions for safe physical distancing on our manufacturing lines, keeping things clean and sanitized, and employing alternative work schedules for our office staff.
- We are in this together, delivering peace of mind, every step of the way.



Temperature Screening



6-ft Safe Distance



Masks Required



Extra Cleaning



Hand Sanitizer Stations



Alternative Work-at-Home

**PDi**  
Communication Systems, Inc.

PDi Communication Systems, Inc.  
40 Greenwood Ln.  
Springboro, OH 45066  
[pdiam.com](http://pdiam.com)

Document Number: MAR-MTV-914v3

©2021 PDi Communication Systems, Inc. All rights reserved.

## Learn More:

[pdiam.com/thermal-camera-kiosk](http://pdiam.com/thermal-camera-kiosk)

*NOTE: Temperature Screenings are designed to provide an initial body temperature measurement to detect fever, yet this device is not FDA-cleared or approved. The measurement should not be solely or primarily relied upon to diagnose or exclude a diagnosis of COVID-19, or any other disease. Secondary evaluation methods (e.g., non-contact infrared thermometer (NCIT) or clinical grade contact thermometer) are used to confirm an elevated body temperature or fever.*