# *Detect-Pro*

**By Time Access Systems Inc**

**ALL- IN- ONE:**

**Automated Human Temperature Screening with State of The Art No Touch Biometric Reader with Voice Alert and Instructions**

Professional Series Standalone or Networked

## High Quality Commercial Grade Biometric Temperature Detection Systems

The *Detect-Pro* Human Temperature Screening Solution combines a powerful embedded thermal camera and our latest face recognition algorithms, providing advanced security and convenience, all on a single affordable device. **The system can be standalone or it can be networked with available software**

The solution screens for elevated body temperature and/or protective mask. It also provides a built-in face and palm recognition reader for employee authentication.

Used in schools, airports, hospitals, construction sites, correctional institutions, government and office buildings to help screen potentially affected people in both the workplace and public venues.

## How it Works

Safely scan employees and visitors for high temperature as they walk into a building or a defined area. This all-in-one temperature scanner automatically scans and detects body temperature as employees or visitors walk by it. Built-in facial recognition records personnel safety log and verifies records. The system can automatically prevent people from entering if the pre-defined temperature threshold is exceeded or are not wearing a mask.

- Provides fast and accurate body-temperature measurement

- Detects if a protective mask is being worn

- Users can be denied door access if a high temperature or no mask is detected

- Integrates with many access control systems



- Embedded face & palm recognition sensor provides 100% hands-free hygienic user authentication for various applications including Access Control, Time & Attendance, Visitor Management, Event Management & more

- Data, alerts and reporting available through software

# Temperature Screening + Touchless Access Control Fully Advanced security and convenience, all on a single affordable device.

The *Detect-Pro* Temperature Screening Solution uses advanced thermal imaging technology for a safe, efficient and non-intrusive way to protect your employees and visitors. The device also has an advanced facial recognition algorithm that provides a means for no contact employee identification and authentication. Telethermographic Systems are recommended by the **Centers for Disease Control (CDC)** and the **Food & Drug Administration (FDA)** to help organizations mitigate risk.

## Future Proof Investment

More than a temperature reader. Our latest face & palm recognition technology for employee authentication, with integration options to access control systems, label printers, and much more.

Our unmanned solution allows to safely screen for fever. No human intervention or PPE is required

### Fast and Accurate

Embedded AI ensures person is in the optimal position and distance for the most accurate temperature read. Temperature detection within 1 - 2 seconds with accuracy within 0.6 °F / 0.3 °C

# *Detect-Pro* Has Two Selectable Modes of precise operations

## Standalone or Networked Operation of Temperature Screening

### Standalone Temperature Screening System

Does not store images or data; it simply screens for elevated body temperature and/or mask. Email, text message, PC-based alerts or relay-based alerts from the device including strobe light/siren/bell. Connect to a label printer to print a label confirming successful temperature screening. **\*Available 5" or 8" Display Termanal**

### Networked Temperature Screening with Touchless Access Control Features

Screens for high temperature **while performing no-contact biometric authentication.** This option stores data and saves it, ensuring that images, personal data, and accurate temperature measurements are available for review and analysis. As a biometric reader, users can be enrolled for no-touch facial recognition or no-touch palm reading. **\*Available 5" or 8" Display Terminal**

### Keeping People Safe

Safely screen employees and visitors for high temperature as they walk into a building or a defined area. The system can prevent people from entering if the pre-defined temperature threshold is exceeded or are not wearing a mask and trigger an alarm.

# Features

# *Detect-Pro* ////

**Professional Temperature Screening Biometric Systems Helps Protect Your Staff, Customers, Clients and Visitors**

- User authentication read range up to 8 feet

- Face verification possible while wearing protective mask (Palm recognition advised while wearing a mask)

- Can store & match up from 6,000 - 50,000 face templates, 5,000 palm templates and 10,000 fingerprint templates

- Standard 5" programmable touch screen or available optional 8" programmable touch screen display

- Intelligent energy-saving design

- Dual-lens IR & VL camera recognizes faces in both total darkness and bright sunlight (<50,000 Lux)

- Body-temperature detection accurate up to 0.6°F from up to 18 inches away

- Access Levels, Groups, Holidays, DST, Duress Mode (password), Anti-Passback, Record Query,

- Tamper Switch Alarm

# Specifications

**CAPACITY**
Faces: 6,000 - 50,000 |
Palms: 5,000 Fingerprints:
10,000

**COMPATIBILITY**
Wiegand Input Panels
Wiegand Output readers

**HARDWARE**
900 MHz Dual Core CPU
512MB RAM/ 8G Flash
5" or 8" Touch Screen Display
2MP WDR Camera
Distance Detection Sensor
Reset Button & Tamper Switch

**ACCESS CONTROL INTERFACE**
Lock Relay Output
Alarm Output /Auxiliary
Input Exit Button / Door Sensor

**SPECIAL FUNCTIONS**
0.3s Face Recognition Speed
Liveness Detection
Event Snapshot

**STANDARD FUNCTIONS**
Access Levels, Groups,
Holidays, DST, Duress Mode
(password), Anti-Passback,
Record Query, Tamper Switch Alarm

**TEMPERATURE READER**
Temperature Accuracy: +/- 0.6°F
Temperature Distance: 18 inches
Protective Mask Detection

**COMMUNICATION**
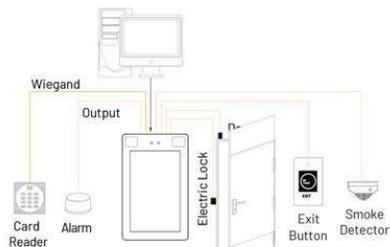TCP / IP RS232/485
Wiegand Input / Output

**ADDITIONAL INFO**
Working Temp: -22°F to 140°F
Easily change display from °F to °C
Working Humidity: ≤ 93%
Storage Temp: - 40°F to 169°F
Storage Humidity: ≤ 93%
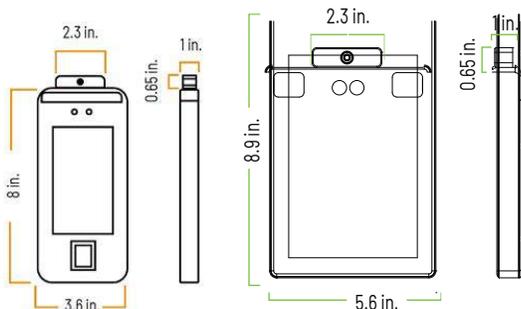Net Weight: 1.5 lbs
Size (H x L x D): 8.9 x 5.6 x 1 inch

**POWER**
Operating Voltage: 12V DC
Current Draw: < 2,000mA

# Configuration

# Dimensions

2.3 in.   1 in.   0.65 in.   8 in.   3.6 in.

2.3 in.   8.9 in.   0.65 in.   1 in.   5.6 in.

**Please contact us for more info and pricing**

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