# WCC
## BUSINESS SOLUTIONS
### integrity · customer focus · excellence

The Missing LINK:

**thermal facial recognition**

## Protective Screening
Temperature & Facial Recognition display can prevent intruders and people with elevated temperature or no mask from entering your offices, schools, hospitals & public facilities.

### Features

☑ Securely scan in less than one second with on-board AI

☑ Live video assistance for real time entry approval

☑ Provides access control integration for automatic doors

☑ Centralized management for multiple scanners, data and attendance

## How is facial recognition handled?

Temperature & Facial Recognition compares your image with the face database stored locally in the device. With the Bioassay feature, it can differentiate between a live face (living body) and a photo and denies access if someone tries to scan a photo. It recognizes faces even when the person is wearing a protective mass and supports 1:1 and N:1 facial recognition algorithm for higher accuracy. Facial recognition can be completed against a face database of 30,000 people in one second.

## What is the accuracy of the facial recognition scan?

The 1:1 comparison recognition rate is more than 99.7%, and the live detection accuracy rate is 98.3%. Face recognition pass speed is less than 1 second. It supports accurate face recognition and comparison while wearing mask.

## Is it intelligent enough to differentiate between other hot objects such as a "hot cup of coffee" and a fever?

It will only scan faces and not other objects. However, if you are holding a hot cup of coffee near your face, the thermal scanner reading will not correct as the temperature in front of the face is going to be elevated.

## Is it possible to add ID card & fingerprint scanners?

Yes, add optional peripherals including ID card & fingerprint scanners. Match faces with the ID Card and fingerprints to improve accuracy. Other peripherals also supported including IC card reader & two-dimensional code reader.

## Does Temperature & Facial Recognition connect with doors, gates, peripheral devices & network?

Industrial standard interfaces (Wiegand, Relay, RS-232) for controlling doors and gates. USB interfaces for connecting peripheral devices and firmware updates. Ethernet and Wi-Fi connection for network management.



Connect with doors, gates, peripheral devices & network

## Does it sound an alarm when a person with fever is detected?

Yes. An alarm rings upon elevated temperature detection alongside the lights blinking red. With the alert OFF it says "Abnormal temperature + red light" in a friendly voice.

## What secure data is stored on the device and is it secure?

Temperature & Facial Recognition is a screening device and can be used in offline mode without connecting it to any network. GoSafe stores pictures at time of entry of employees that were recognized. It can also store pictures of strangers if the setting for capturing strangers is enabled. It also stores the temperature at time of entry, the date and time of entry and employee ID.

## How many devices are recommended per customer or employee count?

One Temperature & Facial Recognition can scan approximately 15 people per minute assuming they stand at least 6 feet apart. You can determine how many units you need based on the rate at which the employees enter at the facilities entry points over a given period of time.

Wall Mount
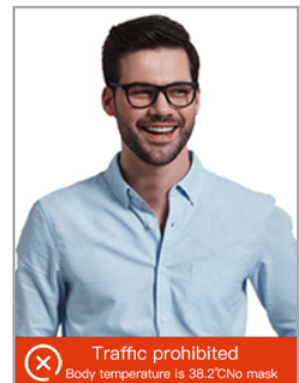
Table Top

Vertical Stand

## Will Temperature & Facial Recognition detect if a face mask is being worn?

Yes, it detects if a protective mask is being worn. You can select the additional protection to deny entry if the person is not wearing a mask. The light will also blink red and the device will ask user to wear a mask in order to be granted access.

## Is Temperature & Facial Recognition a hands-free operation?

Yes, its embedded thermal & face recognition sensors provide 100% hands-free user authentication.

Admittance
Body temperature is 36.2°C

Traffic prohibited
Body temperature is 38.2°C No mask

## SPECIFICATIONS

### Screen

| | |
|---|---|
| **Size** | 8.0" IPS LCD screen |
| **Resolution** | 800x1280 |
| **Design** | Industrial-grade, waterproof, dustproof & vandal-proof |

### Processor

| | |
|---|---|
| **CPU** | Qualcomm Snapdragon Octa-Core Processor |
| **CPU (Optional)** | Rockchip RK3288 Quad-Core |
| **System** | Android 7.1.2 |
| **Storage** | EMMC 8 GB |

### Camera

| | |
|---|---|
| **Resolution** | 2 million pixels |
| **Type** | Binocular vision wide dynamic camera |
| **Aperture** | F2.4 |
| **Focusing Distance** | 19.6"– 60" |
| **White Balance** | Auto |
| **Photo Flood Light** | LED and IR dual photo flood light |

### Infrared Thermal Imaging Module

| | |
|---|---|
| **Temperature Detection** | Available |
| **Temperature Detection Distance** | 3.2' (optimal distance 1.6') |
| **Temperature Measurement Accuracy** | ≤ ±0.9 °F |
| **Temperature Measurement Range** | 50 °F – 107.6 °F |
| **Thermal Field of View** | 89.6 x 89.6 ° |
| **Elevated Temperature Alarm** | Supported (temperature alarm value can be set) |

### Interfaces

| | |
|---|---|
| **Network Module** | Ethernet (RJ-45) and Wireless (Wi-Fi) |
| **Audio** | 2.5W / 4R speakers |
| **USB** | 1 USB OTG, 1USB HOST standard A port |

| | |
|---|---|
| **Serial Communication** | 1 RS232 serial port |
| **Relay Output** | 1 door open signal output |
| **Wiegand** | 1 Wiegand 26/34 output and input |
| **Upgrade Button** | Supports USB boot upgrade button |

### Access Control

| | |
|---|---|
| **Facial Recognition based Access Control** | 1:1 & N:1 face recognition |
| **Face Mask Detection based Access Control** | Available |
| **Elevated Temperature based Access Control** | Available |
| **ID Card based Access Control** | Optional IC card, S50, NTAG, CPU, DESfire |
| **Barcode Reader based Access Control** | Optional Barcode, 2D Barcode & QR Code Reader |
| **Call Receptionist / Security to Grant Access** | Available |
| **Call IT / Screen Skills Guru for Support** | Available |
| **Face Library** | Up to 30,000 |

### Remote Management

| | |
|---|---|
| **Attendance Tracking & Reporting** | Available |
| **User Interface Customization** | Available |
| **Remote Device Management** | Available |
| **Remote Database Management** | Available |
| **Remote Firmware Upgrade** | Available |

### System

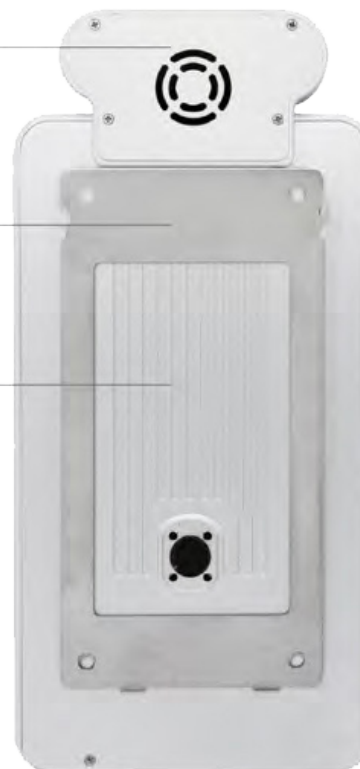| | |
|---|---|
| **Power** | DC 12V |
| **Operating Temperature** | 0 °F – 140 °F |
| **Power Consumption** | 13.5W Max |
| **Installation Method** | Wall Mount, Table Stand & Floor Stand |
| **Product Size** | 11.66" x 5.23"x 0.98" |
| **What's in the Box** | OneScreen GoSafe, Power Adapter, User Manual |



5.04"
3.54"
1.42"
9.38"

Infrared thermal imaging module
Wall mount
heat sink
Speaker

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