Go safely back into public spaces.

Body temperature & facial recognition scanner

FAQs

TECHNICAL FEATURES OF GOSAFE

Does GoSafe offer AI-enabled facial recognition?

Yes, GoSafe recognizes faces even when the person is wearing a protective mass. It will continuously improve the facial recognition database by collecting pictures & information about new people directly on the device. Supports 1:1 and N:1 facial recognition algorithm for higher accuracy. Matches against the database of 30,000 faces in less than one second.

What are the operational modes available for GoSafe?

GoSafe supports public cloud deployment, private cloud deployment, on-premise server deployment & stand-alone use. Operate each device in stand-alone mode or connect to the network to be managed as a fleet. OneScreen Central Software is used to facilitate centralized database management, device management, and different restriction levels for each location/device.

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Is it possible to add ID card & fingerprint scanners?

Yes, optional peripherals including ID card & fingerprint scanners can be added. Matching faces with the ID Card and fingerprints can improve accuracy. Other peripherals including IC card reader & two-dimensional code reader are also supported.

Does GoSafe connect with doors, gates, peripheral devices & network?

Yes, industrial standard interfaces (Wiegand, Relay, R5-232) for controlling doors and gates, USB interfaces for connecting peripheral devices and firmware updates, and ethernet and Wi-Fi connections for network management are provided to manage these connections.

In the Network mode, can GoSafe send facial recognition data to the server?

Yes, if connected to the network, GoSafe sends face data to the server whenever it scans a registered face.

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How is facial recognition handled?

GoSafe 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 for higher accuracy. Facial recognition can be completed against a face database of 30,000 people in one second.

Are the APIs available to expand further functionality or integrate with other platforms?

Yes.

GoSafe API has been published. How many faces can it store & recognize?

30,000

What is the purpose of blue LED lights on the floor stand and table stand?

The blue LED lights are only for aesthetics.

Does it integrate with a company's directory services to handle employee identification, such as Active Directory?

Not at the moment, but it's in our roadmap to add this functionality.

What certifications does the device have?

The device has FCC and CE certifications.

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How can I upgrade the software?

Locally with a USB drive or transfer over the network through the browser.

How is GoSafe powered?

It ships with global universal power adaptors (comes with EU, US, CN endpoints), no battery backup included.

How is the data pushed to cloud?

The data is not directly pushed to the cloud. The devices are capable of connecting to ethernet and Wi-Fi. You can create and monitor all devices on your network via the management software. For cloud-based use or remote use, our device comes with remote management software. Cloud-based deployments are possible.

What kind of ID cards are supported?

It supports IC cards.

Does it incorporate AI/Computer Vision algorithm (or) it does normal image matching?

It incorporates a combination of both.

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 no other objects. However, if you are holding a hot cup of coffee near your face, the thermal scanner reading will not be accurate since the temperature close to the face is elevated.

USAGE & FUNCTIONALITY OF GOSAFE

Will GoSafe detect if a face mask is being worn?

Yes, it detects if you are wearing a protective face mask. You can also select the additional protection by denying the entry of anyone without the mask. The light will blink red and the device will ask the user to wear a mask for the access to be granted.

Does GoSafe perform a hands-free operation?

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

Does GoSafe offer attendance tracking?

Yes, it can be integrated with your Attendance Management System to generate real-time attendance tracking reports for your employees and/or students.

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Does GoSafe offer day & night use?

It's industrial-grade, waterproof, dustproof & vandal-proof design is reliable in indoor & covered outdoor environments. Industrial-grade binocular wide dynamic camera with infrared and LED dual photoflood lamp recognizes faces in the dark.

How long does it take to recognize a face and measure temperature?

The average response is between 0.3 and 1 second depending on the size of the database.

Can GoSafe provide facial recognition even with a mask on the face?

Yes. The device captures multiple facial points and can perform facial recognition with the mask on the face. The result is 99% accurate.

What is the range for best performance in terms of distance from the device for facial recognition and fever check?

The best performance of the temperature sensor is at a distance of 1.6 ft. however, the device is capable of detecting temperature up to a distance of 3.5 ft.

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

Yes. An alarm rings upon elevated temperature detection alongside the red lights blinking.

Is there a provision of reports for attendance management such as in-time, out-time, number of employees reporting for their shift, number of employees on-premise or left for the day?

The reports for attendance management, time in and out, shifts creation and attendance tracking of shifts, holidays, blacklists, whitelists can all be created with the management software that comes with the device. The management software can run on any Windows-based computer.

Can offline data be exported?

Yes, it can be exported in CSV format.

Can GoSafe send an alert to the security team when it detects someone with fever?

Not at the moment, but this feature is in our roadmap. Currently, GoSafe can only generate an alarm when it detects high fever.

Can faces from a large database of existing pictures be imported?

Yes, the database can be imported in excel format.

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Can the device be rebooted remotely?

Yes

Can the door be opened remotely?

Yes, you can configure the option to open or close the door / gate remotely.

Does it always save a picture of the employee / registered user?

Yes, the picture of a registered user is always saved. You can optionally enable or disable saving the picture of a guest/stranger.

Will it recognize a face if the person grows a beard, wears glasses or mask?

Besides sunglasses, it can recognize the face even when you wear eye glasses, have beard or make up, or even a facial mask.

What languages are supported?

Currently, we support English, Spanish, and Chinese. Support for additional languages is in our roadmap.

Does facial recognition work with and without masks?

Yes, you can enable or disable a mode which will enforce wearing of a mask

Is it able to record clock-in and clock-out information for attendance reporting?

Yes, you can view and export attendance statistics and reports from the management platform.

Is it able to record people that are turned away?

Yes.

Is data stored in the cloud?

Data is stored on the device only unless the Server mode is configured.

Can it connect to LAN via Wi-Fi?

Yes.

Does it have wired LAN connectivity?

Yes, it can be connected to LAN via ethernet cable.

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OneScreen GoSafe

Does it use the network to do facial recognition?

No, the faces are stored on the local device.

How are the GoSafe units managed?

The fleet of GoSafe devices can be managed, turned on and off remotely, upgrade firmware, send emergency notifications, database management, attendance reports management, and export, etc. from an on-premise or cloud-based server.

Can it connect to my building security?

GoSafe comes with a Wiegand pigtail connector, a relay connector, and an R5-232 connector to connect to many security systems and door access systems.

Can GoSafe open a door?

Yes, using the Relay connector which closes a circuit that can trigger a door or a gate.

How do the card and face work together?

The system supports IC cards (550, NTAG, CPU, DE5fire) and can be combined with face recognition and temperature verification.

Can you toggle the over-temperature alarm on and off?

With the alert turned OFF, it says 'Abnormal temperature -L red light' in a friendly voice.
With the alert turned ON in settings, a siren sounds. The alert is an alarm sounding slightly louder than the voices.

Can GoSafe work outdoors?

GoSafe is not for outdoor use. Direct sunlight or rain would majorly impact the performance.

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SECURITY

Is the data secure?

GoSafe is a screening device and can be used in offline mode without connecting to any network. If connected to a network, we recommend installing a small concentrator device in your network to secure data between the device inside your LAN and to the central server in TLS 1.2.

What secure data is stored on the device?

GoSafe stores pictures at the time of the 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 the time of entry, the date and time of entry, and employee ID.

PURCHASING & SET UP

How many devices are recommended per employee count?

One GoSafe can scan approximately 15 employees per minute assuming employees stand at least 6 ft apart. You can determine the number of units you need based on the rate at which the employees enter the facility's entry points over a given period.

Does GoSafe have a network of trained installation service providers?

Yes, contact your sales representative for more information if you require installation support.

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