



You Track  We Secure



# We Help combat the Spread of Covid-19

Thermographic Imaging Detection  
Precision Temperature Screening

# GP 100



**ViTrack**

[www.vkelgroup.com](http://www.vkelgroup.com)

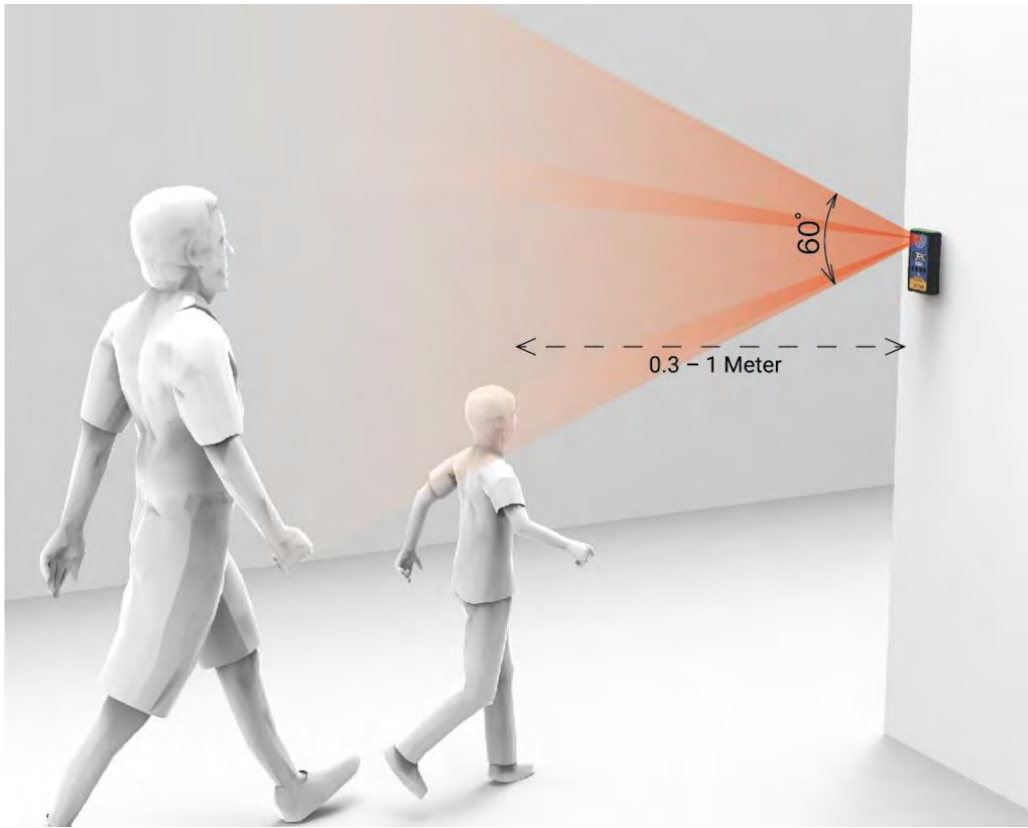




You Track 📍 We Secure

# Unique Features

Up to 1 meter range, 60° wide-angle temperature detection.



- ➔ Accurate & Precise Temperature detection
- ➔ Non-Invasive screening
- ➔ Mobile, Portable and easy to setup
- ➔ Supports Data Management, Software intergration
- ➔ USB-C Power source, Adaptive Power conversion
- ➔ Customizable Voice Broadcast

**A person only needs to walk through the device to get the temperature measurement result!**

GP-100 scans body temperature in a non-invasive way. It detects body heat up to 1 meter in distance, 60° Angle scanning zone, suitable to screen people with different heights and sizes; Data management is fully intergrated to ViTrack, software is installed to config devices and data collection.



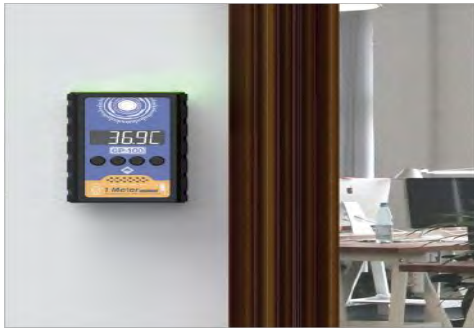


You Track We Secure

# Realtime Application

GP-100 can be used in many scenarios such as Hospital, School, Building Entrance, Office, Casino, Hotel, Restaurant. Any business that requires to perform screening of people.

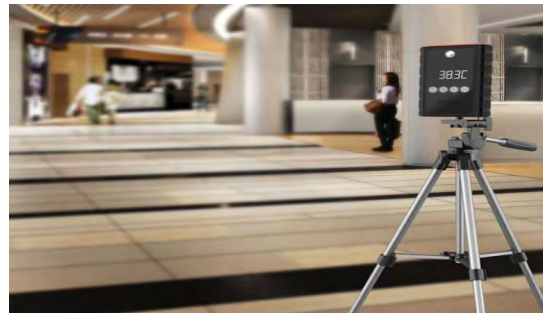
Enter the normalized temperature measurement stage,  
Forehead temperature gun: It is generally coping type temperature measurement and gesture temperature measurement, which can not achieve real results and has no record.  
Face recognition device: The installation is complicated, and the temperature measurement needs to stop and take pictures, which affects the efficiency of commuting, and it is easy to cause temperature measurement anxiety in the long run.  
GP-100 solves all kinds of temperature measurement anxiety, makes temperature measurement feelless, allows temperature measurement to have statistics, and makes temperature measurement more scientific...



Offices



Commercial Areas



Hospitalities



Building Entrances





You Track We Secure

# Compare solutions



**Infrared Thermometer**

**Cost: \$**

- ✗ Invasive ; Close contact
- ✗ Labor intensive
- ✗ Manual data recording
- ✗ High risk of infection ;
- ✗ Exposure to contamination



**GP-100**

**Cost: \$\$**

- ✓ Non-Invasive ; Non-Contact
- ✓ Cost effective ; easy to implement
- ✓ Complete Data Management
- ✓ Quick Screening = No Queueing
- ✓ Accomodates any height



**Face Recognition Thermal Camera**

**Cost: \$\$\$**

- ✗ Slow Process = Queue
- ✗ Instructor required
- ✗ Height Restriction
- ✗ Expensive to layout
- ✗ Components sold seperately



**Large Thermal Screening Booth**

**Cost: \$\$\$\$**

- ✗ Expensive hardware required
- ✗ Requires suitable environment
- ✗ Experts involved on operation
- ✗ Labor Intensive
- ✗ Restriction to height & size





You Track We Secure

# Multiple ways to Power up

GP100 uses Type-C 5V power supply and is equipped with a 2 meter Type-C power supply cable which can be connected directly to a computer, USB socket or power bank. As an option, you can request a built in rechargeable battery.





You Track We Secure

# System Functions



## Temperature Unit Setting



Celsius



Fahrenheit

## Temperature Alarm Point Setting



Default alarm threshold is 37.4°C

## Time Setting



System time setting



The Year Setting Mode



The Month Setting Mode



The Date Setting Mode



The Time of Hour Setting Mode



The Time of Minute Setting Mode

Press "°C/°F" key to set system function  
(Please refer to the manual for specific operations)





You Track We Secure

# Temperature Measurement Data Collection Method

The device can store up to 30,000 sets of records which can be accessed once connected to a computer via Client or over wifi for the wifi models.



ViTrack Platform



Server



WiFi



Client





You Track We Secure

# GP100 Client

GP100 Client--The serial port is open

Real-time Monitor Device Configuration Send Instructions Language About

IMEI: 867282039327941

4 Abnormal number

190 Normal number

194 Total number

Ambient temperature: 29.1°C

36.6°C  
16:01:05

2020/09/22 16:01:36

Data storage path: D:\GP100Data

Please select folder

Upload to ECS

Connection Device: COM5

Close the serial port

Refresh the serial port

Temperature monitoring graph

GP100 Client--The serial port is open

Real-time Monitor Device Configuration Send Instructions Language About

Device Configuration

Language: Chinese Set

Volume: 0 Set

Warn: 37.4 °C Set

Unit: Celsius(°C) Set

Temp offset: 0.0 °C Set

Low temp thre: 34.0 °C Set

Server Configuration

WiFi name: gp100 Set

Wifi password: \*\*\*\*\* Set

IP or domain: openapi.cn.map20000.com Set

Port: 80 Set

Heart rate: 30 Sec Set

IMEI: 867282039327941

Print Log Clear log

2020/09/23 15:31:30

```

15:24:20 temp:#70.37,1C,1,20200923152418,867282039327941
15:24:42 temp:#71.36,9C,1,20200923152440,867282039327941
15:26:50 temp:#72.36,1C,1,20200923152648,867282039327941
15:28:24 temp:#73.36,4C,1,20200923152822,867282039327941
15:28:39 temp:#74.38,0C,2,20200923152837,867282039327941
15:28:40 temp:#75.36,8C,1,20200923152838,867282039327941
15:29:28 temp:#76.36,5C,1,20200923152926,867282039327941
15:30:31 temp:#77.37,1C,1,20200923153029,867282039327941
15:30:35 temp:#78.38,0C,2,20200923153033,867282039327941
15:30:48 temp:#79.36,8C,1,20200923153046,867282039327941
15:30:49 temp:#80.36,9C,1,20200923153047,867282039327941

```

Send Instructions Send

Test

Please select serial: COM5

Refresh the Close the serial

Clear device log

Send Send Send Send Send Send Send

Language About

عربي

简体中文

繁體中文

English

Français

Deutsch

हिन्दी

Orang indonesia

日本語

한국어

فارسی

Português

русский язык

Español

ภาษาไทย

Tiếng Việt







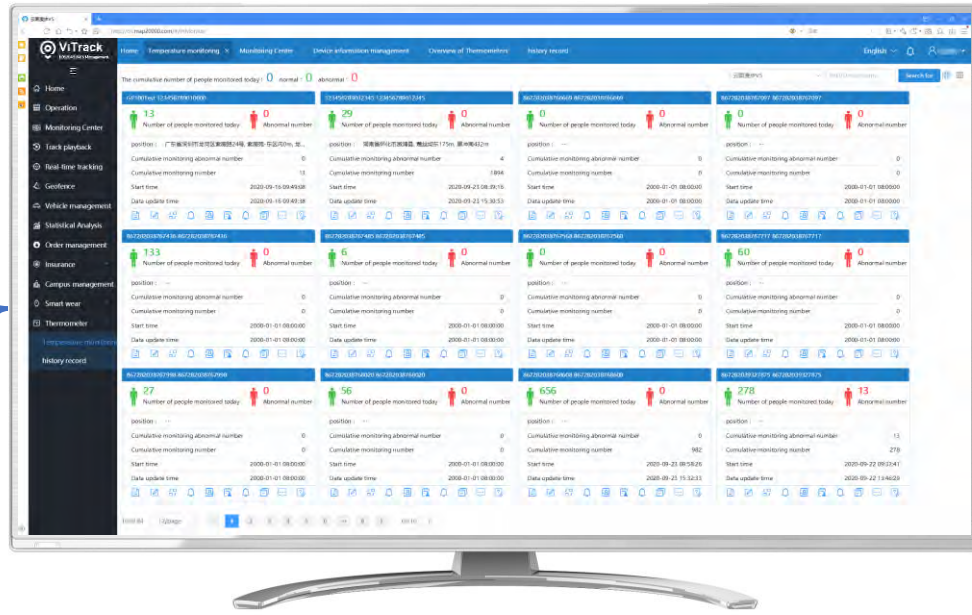
You Track We Secure

# Statistics and Management of Temperature Check

ViTrack big data platform aggregates real-time data statistics, provides an intuitive visual display of the data, and intuitively presents temperature check flow rate, normal and abnormal body check numbers, time, etc., thereby improving real-time monitoring and epidemic prevention control of the area.

Traffic Statistics

Body Temperature Statistics



Temperature Check time

Period Traffic Analysis

ViTrack Platform



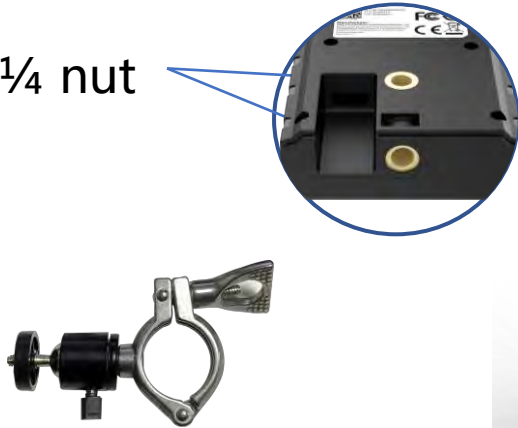


You Track We Secure

# Installation Method

Compact, lightweight and mobile. Many options are available for installation.

British 1/4 nut



Clamp Fixing

Tripod

Wall Mount

3M Adhesive

British 1/4 nut

