

CP-VTC-M20-TF

Face Recognition Access Control Terminal

- Support non-contact detection of wrist temperature, support warning people with abnormal body temperature.
- Support body temperature detection and personnel information binding, which can quickly confirm personnel information and do body temperature detection.
- Support configure temperature detection threshold value, and personnel access authority can be configured through temperature detection threshold value.
- Built-in deep learning dedicated chip, supports local offline recognition, 10,000 face capacity, face whitelist (1N).
- Fastest recognition time 0.2 seconds, various model merge mode are used to reduce false rate and increase pass rate.
- Support face metering and human metering for fast adapting to ambient light.
- Suggested height for face recognition: between 0.8m and 2.2m, face recognition distance: 0.2m to 2.9m.
- Support face, card, password and QR code authentication to control door open.
- Two-way audio with indoor monitor.
- Built-in 4G EMMC front end storage, stable and reliable, up to 8,000 events capacity (with images).
- Non-contact wrist temperature detection module, measurement range is between 30°C to 45°C, measurement accuracy can reach 0.1°C, measurement deviation is less than or equal to 0.3°C, and measurement distance is between 1cm to 3cm.



System Overview

This series entails a temperature screening solution with face-recognition and access control that has numerous advantages. It provides accurate temperature measurement with high efficiency of 20–30 people per minute. It has a small size with high reliability and also locks support for access control. It detects whether the subjects are wearing masks or not. And also records recognized faces with temperature metadata.

Functions

Increased Efficiency

The temperature screening solution with face-recognition and access control in the performance TITM series uses RS485/temperature information through a temperature measuring module with the help of an infrared thermoelectric sensor .



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Functions

High Reliability

The solution has been designed for no direct contact with the targets and has a small size with high reliability. It provides accurate measurement and supports the detection of dynamic & static signals. It also has high efficiency of 20–30 people per minute.

Low Deviation

The temperature measured by it has a range of 30–45°C with only <0.3°C deviation and records the temperatures from a distance of just 1cm-3cm.

Great Accuracy

The face-recognition software used in this solution has an accuracy rate of >99% without a mask and >90% with a mask. It also has the capacity to store 1000 face pictures and takes only 0.2 seconds to recognize a face.

About CP PLUS

The brand that is on its way to lead the world when it comes to the security and surveillance industry, CP PLUS, keeps bombarding the market with the most reliable range of products that have been designed carefully and methodically to automate the whole surveillance and security process, no matter how big your premises are.

It was the initiative to help the public in the area where they are the most vulnerable and to empower the sense of safety in our hearts that had conceptualized CP PLUS. And embarking on its mission to make the world a safer and more secure place has taken the brand's journey to unprecedented levels even when compared to international competitors.



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Feature	Specification
Operation System	Linux
Screen	Touch Screen, Size: 7 inch, Resolution: 600 x 1024
Camera	Dual Lens, 2MP
Face Recognition Accuracy	>99%
Face Recognition Time	200ms
Face Capacity	10,000
Card Capacity	100,000
Storage Capacity	4GB
Event Capacity	8,000 (with images)
Measurement Range	30°C - 45°C
Measurement Accuracy	0.1°C
Measurement Deviation	≤0.3°C
Measurement Distance	1cm-3cm
Authentication Mode	Face Whitelist: (1: N)
Door Opening Method	Face, Password, QR code, Card
Communication Mode	10/100Mbps adaptive network port
Card Type	Mifare 1 Card
User Management	Support user library addition, deletion, update
Record Management	Support local recording and real-time upload
Interface	LAN x 1, Wiegand Input x 1, Wiegand Output x 1, RS485 x1, Alarm Input x 2, Alarm Output x 1, USB x 2.0 x 1, Lock x 1, Door Contact x1, Exit Button x 1
Power Supply	Input 12V ±25% DC
Power Consumption	<25W

THINK SECURITY
THINK CP PLUS



Feature	Specification
Weatherproof	IP54
Supplement Light	LED soft light and infrared light
Dimensions (L x W x H)	134.0mm x 33.0mm x 305.0mm
Working Environment	-20°C~ +65°C, Relative Humidity <95 (non-condensing)



**Product casing and specifications are subject to change without prior notice*

Dimensions (mm/inch)

