

**Versatile solution for many industries and applications**

- + Provides temperature detection via the wrist without contact; thus, eliminating contact exposure from individual to individual
- + Includes a built-in infrared thermoelectric sensor and temperature measurement module for accurate temperature measurement
- + Highly efficient, detecting 20-30 people per minute.
- + Quick setup and easy to use



## SINGLE PERSON THERMAL WRIST TEMPERATURE DETECTION WITH DIGITAL FACE RECOGNITION TERMINAL

Supports rapid body temperature detection

**Key Features**

- + Accurate face recognition, including mask/no mask detection
- + 99% face recognition accuracy rate without a mask, 90% accuracy rate with a mask
- + Rapid 0.2 second face recognition speed
- + 4 GB storage capacity can hold up to 10,000 faces/images
- + .39" to 1.18" measurement distance for wrist sensor
- + 7-inch touch screen with 600 x 1024 resolution
- + 2 MP low illumination wide-angle dual-lens camera for capturing high-quality images
- + Two-way audio with indoor monitor
- + Advanced smart technology – including high-temperature measurement and advanced AI-driven face recognition
- + Lighting versatility for low-light indoor use - supports face metering and human metering for fast adaption to ambient light

This Single Person Wrist Temperature Detection Solution offers the ability to measure individual body temperatures quickly and efficiently, providing rapid results in 0.2 seconds per individual. The unit features a no-touch infrared wrist temperature sensor, and highly accurate facial recognition capabilities, allowing you to identify infected individuals or those that are trying to enter facilities without a mask. Safe, reliable, fast, and accurate, this unit is ideal for airports, schools, retail stores, restaurants, and nursing homes to protect individuals from preventing the introduction and/or spread of viruses.

# SINGLE PERSON THERMAL WRIST TEMPERATURE DETECTION WITH DIGITAL FACE RECOGNITION TERMINAL

## SPECIFICATIONS

Operation System	Linux
Face Recognition Accuracy Rate	>99%
Face Recognition Time	200ms
Face Capacity	10,000
Card Capacity	100,000
Storage Capacity	4GB
Event Capacity	30,000 (with images)
Measurement Range	86°F to 113°F (30°C to 45°C)
Measurement Accuracy	0.1°
Measurement Deviation	≤0.5°
Measurement Distance	.39" – 1.18" (1cm-3cm)
Authentication Mode	Face Whitelist: (1:N) Card: (1:N) Face + Body temperature
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×1, Wiegand Input×1, Wiegand Output×1, RS485×1, Alarm Input×2, Alarm Output×1, USB2.0×1, Lock×1, Door Contact ×1, Exit Button×1
Power Supply	Input 12V±25% DC
Screen	Touch Screen, Size: 7 inches Resolution: 600×1024
Camera	Dual Lens, 2MP, 1080P
Supplement Light	LED soft light and infrared light
Dimensions (L×W×H)	For terminal : 5.3" × 1.3" × 12" (134.0mm × 33.0mm × 305.0mm)
Working Environment	For terminal: -4°F to +149°F (-20°C to +65°C), Relative Humidity <95% (non-condensing)
Protection Level	Both terminal and module: IP54
Application Situation	Indoor, No wind

### PRODUCT FEATURES:

- + 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
- + Non-contact wrist temperature detection module, measurement range is between 86°F to 113°F, measurement accuracy can reach 0.1°, measurement deviation is less than or equal to 0.5°, and measurement distance is between .39" to 1.8" (1cm to 3cm)
- + Deep learning algorithm model based on independent intellectual property rights, face recognition accuracy rate > 99%, false rate < 1%
- + Built-in deep learning dedicated chip, supports local offline recognition, 10,000 face capacity, face whitelist (1:N)
- + Fastest recognition time 0.2 seconds, various model merge mode are used to reduce false rate and increase pass rate
- + WDR, 2MP (1080P) low illumination wide-angle camera and F1.6 large aperture lens for capturing high quality image with various complex lighting scenes
- + Support anti-spoofing detection based on deep learning algorithm, effective against fraud such as photo and video
- + Support face metering and human metering for fast adapting to ambient light
- + Suggested height for face recognition: between 2.6 feet (0.8m) and 7.2 feet (2.2m), face recognition distance: 7.9 inches to 9.5 feet (0.2m to 2.9m)
- + Support screen sleep mode, keep the minimum brightness to prevent glare at night
- + Support add up to 6 photos of the base library for a single person
- + Support video capture, support ONVIF protocol
- + Two-way audio with indoor monitor
- + Built-in 4G EMMC front end storage, stable and reliable, up to 30,000 events capacity (with images)