- Support face metering and human metering for fast adapting to ambient light
- Face recognition distance: 0.3m to 3.5m
- 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
- Support face, card, password and QR code authentication to control door open

Overview

2MTHFR-2MSA digital temperature measurement face recognition terminal is a kind of terminal device with precise recognition rate, large storage capacity and fast recognition, which integrates 2M face recognition technology and non-contact temperature detection technology. The digital temperature measurement module supports rapid body temperature detection. Thus, the product can achieve face recognition and temperature detection at the same time, and support warning people with abnormal body temperature. It can be widely applied in the crowded places, such as smart communities, schools, office buildings, hospitals and other important areas.

Features

- Support non-contact detection, 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 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 1 meter
- Deep learning algorithm model based on 2M 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

Specifications

Operation System	Linux
Face Recognition Accuracy Rate	>99%
Face Recognition Time	200ms
Face Capacity	10,000
Storage Capacity	4GB
Event Capacity	30,000 (with images)
Measurement Range	30°C - 45°C
Measurement Accuracy	0.1°C
Measurement Deviation	≤ ±0.3°C
Measurement Distance	1m
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
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, RS232×1, I/O Input×2, I/O Output×2, USB2.0×1
Power Supply	Input 12V±20% DC, Output 5V DC
Screen	Non-Touch Screen, Size:7 inch, Resolution: 600×1024
Camera	Single Lens, 2MP, 1080P
Supplement Light	LED soft light
Dimensions (L×W×H)	134.4mm×153.1mm×550.5mm
Working Environment	For access control terminal: -20°C～+65°C, Relative Humidly<95% (non-condensing)
Protection Level	For terminal: IP 65, for module: IP 54
Application Situation	Indoor, No wind

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