2M TECHNOLOGY
®
DESIGNED FOR LIFE

- Built-in deep learning dedicated chip, supports local off-line recognition, up to 10,000 face storage capacity, face whitelist (1:N)
- WDR, 2MP (1080P) low illumination wide-angle camera and F1.6 large aperture lens for capturing high quality image with various complex lighting scenes
- Face and people 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
- Screen sleep mode, keep the minimum brightness to prevent glare at night
- Add up to 6 photos of the base library for a single person
- Video capture, support ONVIF protocol
- Supports face, card, password and QR code authentication to control door open
- Built-in 4G EMMC front end storage, stable and reliable, up to 30,000 events capacity (with images)
- Tamper protection, support door open timeout and time exceed alarm function to keep door opening during fire alarm active
- Optional 2M-TFS Terminal Floor Stand
    - Weight 15.1 Lbs
    - Dimensions (LxWxH): 11" x 8.7" x 45.6" (in) / 280 x 222 x 1158 (mm)
- Audio prompts
- Supports AD mode
- APP alarm notification

Features

- NON-contact detection measure temperature on the wrist
- Alerts when there are people with abnormal body temperature
- Notifications via email of high temperature fever with a snapshot of that person
- Temperature accuracy of 0.3° to 0.9°
- Device auto calibration of surrounding environment
- Records up to 10,000 employee faces to match and grant/deny access, up to 6 photos per employee
- Fastest face recognition scanner in the market, scans with 0.2 seconds
- Wide dynamic range to assure background light compensation for better temperature accuracy reading and face identification
- Two-way audio supports remote live video monitoring back to control station and provides audible direction to person being scanned
- Anti-spoofing: Deep learning using artificial intelligence algorithm to protect against using videos or pictures
- Supports body temperature detection and personnel information binding, which can quickly confirm personnel information and do body temperature detection
- Temperature detection threshold value can be adjusted, and personnel access authorization can be configured through temperature detection threshold value
- Deep learning algorithm model based on 2M Technology's independent intellectual property rights, face recognition accuracy rate >99%, false rate <1%

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	30°C - 45°C / 86°F - 113°F
Measurement Accuracy	0.1°C
Measurement Deviation	≤0.3°C
Measurement Distance	1cm - 4cm
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

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FC CE RoHS

Interface	1x LAN 1x Wiegand Input 1x Wiegand Output 1x RS485 2x Alarm Input 2x Alarm Output 1x USB2.0 1x Lock 1x Door Contact 1x Exit Button
Power Supply	Input 12V±25% DC
Power Consumption	<25W
Screen	Touch Screen, Size: 4 inch, Resolution: 480×800
Camera	2MP, 1080P
Supplement Light	LED soft light and infrared light
Dimensions (L×W×H)	134.0 x 33.0 x 305.0 (mm)
Working Environment	For terminal: -10°C - 50°C / 14°F - 122°F, Relative Humidly<95% (non-condensing) For module: 10°C - 40°C / 50°F - 104°F
Protection Level	Both terminal and module: IP 54
Application Situation	Indoor, No wind