Temperature Measurement & Face Recognition Access Controller

Temperature measuring & face recognition device is a kind of access control & time attendance device integrated with fever screening function. It adopts fast and accurate algorithm and dynamic face, recognizable even with mask, temperature measurement and temperature alarm.

The application is enterprises, stations, office building, hospital, bank, dwellings, factories, schools, campus and so on.

Features

- 7-inch LCD display
- Temperature accuracy ±0.4 °C.
- Temperature measurement range: 30 °C to 45 °C (86 °F to 113 °F),
- Recognition distance: <1m
- Pass with face mask and no mask will alarm and prompt.
- Displays temperature measurement results on device display.
- Transmits on-line and off-line temperature information via TCP/IP communication and saves the data.
- It adopts dual-core ARM chip + NUP chip solution, with deep learning recognition algorithm, and it can accurate recognition within 0.5s.
- 110db wide dynamic camera, it is fast recognition in very dark or backlight environment.
- Intelligent facial recognition is unaffected by expressions, eyes, and beards.
- Dual-lens
- Face, EM card reading, Mifare card reading
- 20000 users, 200,000 records (expandable)
- Batch import staff information by staff photos.
- Fast face recognition and access, and face recognition accuracy rate is more than 99.8%.
- Multiple devices settings can set by one software. And multiple staff information can be setup and assign to devices to access and attendance via one software.
- Come with Wiegand communication to connect to external reader and access controller.
- Alarm input and output
- Face Recognition distance is 0.5m to 1.5m, and the MAX. recognition distance can reach 3m (4mm lens).

- Person recognition height is 140cm to 190cm
- Visible light and infrared dual-lens recognition, photo and video can not pass.
- Easy to install, it supports turnstile, and wall mounting.
- Design with stand
- Support secondary development, supply SDK and interface protocol.

Parameters

Item	Basic Parameter
Operation System	Embedded Linux System
Temperature Sensor	MELEXIS
Temperature Range	30 °C to 45 °C (86 °F to 113 °F)
Temperature accuracy	±0.4 °C
Measuring distance	<1M
Processor	Dual core ARM chip / ISP / NPU
Support function	Access Control and Time attendance
Communication Mode	TCP/IP
LCD Screen	7-inch, 1280*800
Camera	Dual-lens, 200Wpx, auto-fouc, 110db wide dynamic, Visible light camera, Infrared camera
Recognition Mode	Face, EM card, Mifare card
Arithmetic	Deep Learning face recognition algorithm
Face Recognition Accuracy Rate	99.8%
User Capacity	20000 expandable
Event Capacity	200,000
Recognition Speed	Less than 0.5s
Voltag/Current	DC12V/3A
Working Temperature and Humidity	-20℃- 70℃/10%-90%
Input and Output Interface	Wiegand input X1, Wiegand output X1, Lock X1, Door-magnet X1, alarm input X1,alarm output X1, tamper X1, exit button X1
Software Support	Safesmart Business software
Material	Aluminum alloy, tempered glass
Size	L275*W158*H35, L275*W156*H39, L261*W126*H33