

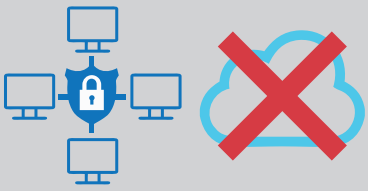


AiSEMI one vox

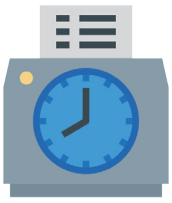
Smart Attendance and Temperature Screening System

- World Premiere Smart Attendance System and Temperature Screening System with VOx (Vanadium Oxide) Sensor Element
- Fast Response, High Accuracy and Good Temperature Stability
- On-Premise Network to Secure Personal Data
- Efficient Attendance System
- Face Recognition Access Control System
- Support Multi-door (6 doors) Access Control Management
- 10.1" Welcome Board and Signage
- 10,000 Face Database and 100,000 Measurement Data Capacity
- Support Multi-Factor Authentication

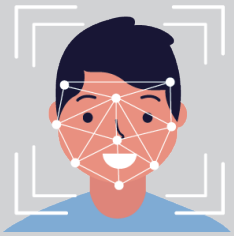




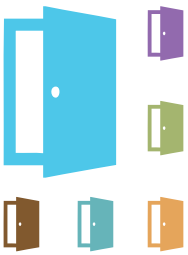
On-Premise Network



Attendance System



ARM Based CPU Plus NPU (3 TOPs)



Multi-door Access Control Management



Body Temperature Screening



100,000 Temperature Measurement Data



Mask-Wearing Alarm



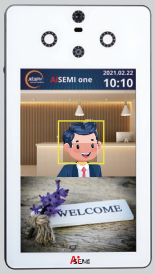
Multi-Factor Authentication



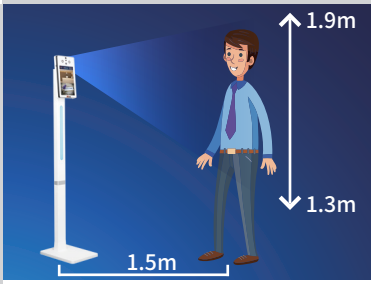
Touch-Free



Instant Notifications from Smart Phones



Welcome Board and Signage



Wide Viewing Angle Measurement

Main System

ARM CPU plus Neural-network Processing Unit (NPU, 3 TOPs)

Onboard 2GB RAM and 8GB ROM

Temperature Measurement

Temperature Range : 30°C ~ 45°C (86°F ~ 113°F)

Sensor : VOx (Vanadium Oxide bolometer sensing element)

Resolution : 80 × 62 pixel

Frame Rate : 25 fps (max.)

Measurement Deviation : ± 0.3°C

Measuring Distance (ToF Sensor) : 0.5 ~ 1.5m

Screen

Size : 10.1inch

Camera

Effective pixel : 2 megapixel, support WDR (Wide Dynamic Range) 100dB, Anti-Backlight

LED

2* 1W LED Fill Light (Auto)

LED welcome light and indicator for authentication status (Blue, Green, and Red)

Speaker

1* 3W Speaker

Network

Wired Network : Support 10/100/1000 Mbps self-adaptive

WiFi 2.4GHz, 802.11b/g/n

Interface

1* Reset

1* RJ45

1* USB2.0

1* Access Control Interface (Wiegand / Binary Switch / RS485)

1* DC 12V Power

1* Micro USB (OTG)

1* Volume Adjustment

Capacity

10,000 Face Database, 100,000 attendance and temperature measurement data

Authentication

Face Recognition Duration :＜0.1s per person

Face Recognition Distance : 0.5 ~ 1.5m

Face Recognition Accuracy Rate ≥ 99%

Multiple Authentication Modes : Face and Temperature, Face and Temperature and Mask, etc.

NFC Card Function (Optional)

Others

Power Supply : DC12V / 2A

Working Temperature : 15°C ~ 35°C (59°F ~ 95°F)

Working Humidity : 10 ~ 90% (no condensation)

Application Environment : Indoor and windless environment use only

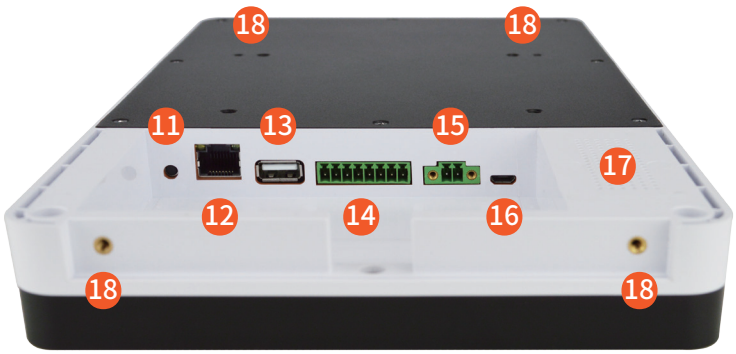
Certification : CE, FCC, BSMI

Package and Weight : 104 x 42 x 115cm, 9.8kg



1. Attendance and Access Control System
2. Temperature Screening System
3. Welcome Board and Signage
4. Welcome Light and Access Indicator
5. Stand
6. RJ45 / Power / Access Control Interface
7. VOx Thermal Sensor
8. Fill Light
9. Camera
10. Volume Adjustment
11. Reset
12. RJ45
13. USB2.0
14. Access Control Interface
15. DC 12V Power
16. Micro USB (OTG)
17. Speaker
18. Wall-mount Screw Hole





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