



## AiSEMI one plus

### Smart Attendance and Temperature Screening System

- World Premiere Smart Attendance System with ARM Based CPU Plus NPU (3 TOPs) for Super-Fast Processing
- **On-Premise Network to Secure Personal Data**
- Efficient Attendance System
- Body Temperature Screening Support 100,000 Measurement Data
- Face Recognition Access Control System
- Support Multi-door (6 doors) Access Control Management
- 10.1" Welcome Board and Signage
- Support 10,000pcs Face Database Capacity
- Support Multi-Factor Authentication

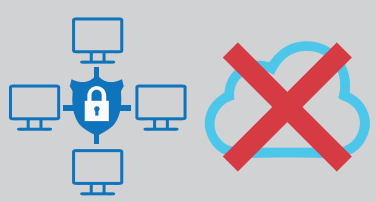


Instant notifications from smart phones for checking personal attendance

|                |            |  |
|----------------|------------|--|
| 08:47          | Message    |  |
| Susan          | 2021-02-19 |  |
| On Duty        | 08:45:27   |  |
| On Duty Temp.  | 36.5°C     |  |
| Off Duty       |            |  |
| Off Duty Temp. |            |  |
| Access Record  | 08:45:30   |  |



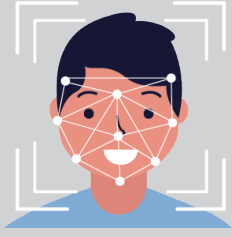
HR department can export attendance records from back end any time



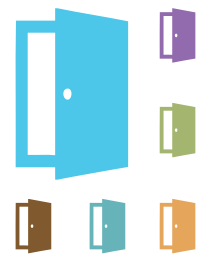
On-Premise Network



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



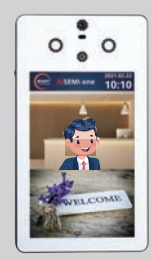
Multi-Factor Authentication



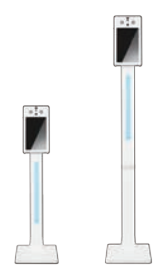
Touch-Free



Instant Notifications from Smart Phones



Welcome Board and Signage



Optional Stand

## 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 : Thermopile

Resolution : 16 × 16 pixel

Frame Rate : 10 fps (max.)

Measurement Deviation : ± 0.3°C

Measuring Distance (ToF Sensor) : 0.5 ~ 1.0m

## 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 pcs Face Database and 100,000 records & 100,000 temperature measurement data

## Authentication

Face Recognition Duration : <0.1s per person

Face Recognition Distance : 0.3 ~ 1.8m

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 Optional Stand
- 6 RJ45 / Power / Access Control Interface
- 7 Thermopile
- 8 ToF Sensor
- 9 Fill Light
- 10 Camera
- 11 Volume Adjustment
- 12 Reset
- 13 RJ45
- 14 USB2.0
- 15 Access Control Interface
- 16 DC 12V Power
- 17 Micro USB (OTG)
- 18 Speaker
- 19 Wall-mount Screw Hole

