



Professional Biometric Recognition and Solution



Face ID



Fingerprint



Pin



Card



Combination

WDR Multi person face recognition time attendance access control



AY-MFT01

IP65 Waterproof
Outdoor/Indoor both
Aluminium alloy Case
5 inch HD IPS Touch Screen

AY-MFT02

LED Frame Plastic
Case Bell Button
4.3 inch IPS
Touch Screen

AY-MFT03

5 inch IPS Screen
Support Face &
Fingerprint, Card

AY-MFT08

Mifare & EM
card Both
8 inch HD IPS
Touch Screen

AY-MFT07

AI Face & Fingerprint Type
Aluminium alloy Case
5 inch HD IPS Touch
Screen

AY-MFT06

Best Price Model
4.3 inch IPS Touch
Screen

AY-MFT05

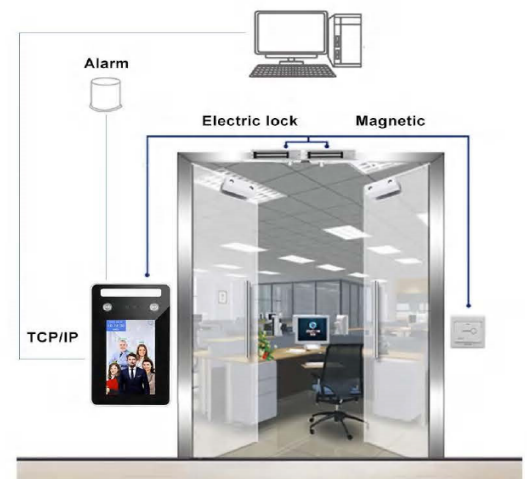
Both Desktop Bracket/
Wall-mounted Bracket
Screen Virtual Bell Button
5 inch HD IPS Touch
Screen

Common Features

- ◆ Support face recognition for 5 person at same time, recognition speed is $\leq 0.2s$
- ◆ Support WDR(wide dynamic range), and support face recognition under strong light, dark light and Backlight.
- ◆ Support live body face detection, prevent human photo and video
- ◆ Support TCP/IP, USB Link (WIFI Optional)
- ◆ Support QR code reader
- ◆ Support face identification with wearing mask.
- ◆ Support stranger face picture capturing within camera detection range
- ◆ Support face recognition distance adjustment for short, middle, long level.
- ◆ Screen lock setting for automatic face detection
- ◆ Professional time attendance and access control function
- ◆ Free Desktop Software, Web Cloud, and Mobile App.

Specifications

| | |
|---------------------------|---|
| Product name | AI Dynamic Face Recognition Time Attendance Access Control Terminal |
| Multiple Languages | English and other 16 types |
| Keypad | Touch keypad |
| Operation system | LINUX 3.10 |
| CPU,NPU | 1.2G Dual-Core ARM Cortex-A7, 600G (0.6T) |
| RAM | 256MB DDR3 |
| ROM | eMMC Flash 4GB |
| Binocular camera | 200W Colorful WDR+200W Infrared live camera |
| Logs capacity | 500000 |
| Face Registration | Local operation: Enroll face with machine, import user photo with U disk Software operation: Import user photo to software, capture user photo with camera |
| Verification | Dynamic face recognition, password, ID/IC card optional |
| Face capacity | 5000 (50000 optional) |
| Card Capacity | 5000 (50000 optional), ID Card Standard, IC Card Optional |
| Password Capacity | 5000 (50000 optional) |
| Face Recognition Accuracy | 99.70% |
| Working temperature | -15°C~+45°C (storage temperature -40°C~+65°C), |
| Working humidity | 20%~90% (storage humidity 20%~90±2%), |
| stand-by current | 310mA |
| Working current | 520mA |
| Management Software | DC12V |
| Installation | Standard: Wall mount, desktop stand; Optional: bracket for turnstile, floor stand |



New Generation AI Face Device Software

(Including Desktop Software, Web-based Software, And Mobile App)

Multi Location Attendance and Access Control Solutions On Cloud





AY-FTA1012FC

AY-FTA1013FC

AY-FTA1009FC

AY-FTA1014FC

AY-FTA1015FC

AY-TM-1001

AY-FTA1011FC

Different Case designs for your Option

Face & Fingerprint Access Control and Time Attendance Management Systems

Common Features

- ◆ Multiple identification: face, fingerprint, card and password together.
- ◆ Double camera for accurate verification.
- ◆ Wiegand in&out to combine with a third party device.
- ◆ Standard TCP/IP, RS485, USB for communication with computer and server together.
- ◆ Voice indicator for user-friendly experience.
- ◆ Functional camera for using at night.
- ◆ Facial Recognition Fingerprint Access Control

Time Attendance

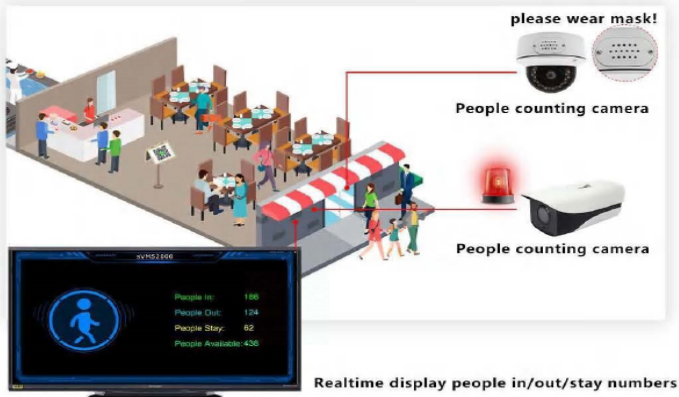
Specifications

| | |
|----------------------|--|
| Working | Network |
| Identification Style | Face, fingerprint, card, password |
| Identification Speed | <1 sec |
| FAR | <0.01 |
| FAR | <0.0001 |
| Face Capacity | 1000 (Auto-learn) |
| Fingerprint Capacity | 3000 |
| Card Capacity | 3000 |
| Password Capacity | 3000 |
| Record Capacity | 200,000 |
| Display | 2.8 TFT Color Screen |
| Language | English/Spanish/Turkish/Arabic/Thai/Persian and so on |
| Communication | TCP/IP/USB |
| Humidity | 20%-60% |
| Temperature | 0°C-40°C |
| Access control | Simple access control function for door open/close control |
| Output | Electric Lock |
| Voice | Boom, Dual LED |
| Power Supply | DC9V |
| Software | Free |

AY-C28

COUNTING IN&OUT TO AVOID CROWDING

With the advent of the coronavirus, it has become necessary to control the maximum number of people allowed to be in a public place. Our people counting camera has multiple possibilities, not just counted how many people are in the room, but also provide relevant alerts when approaching or has reached the limit of authorized persons in accordance with government directives to avoid overcrowding.



AY-MFT08T

Face Recognition&Temperature Measure Machine

- WDR wide dynamic face recognition
- Forehead body temperature detection
- Facial mask detection
- Abnormal high temperature alarm
- Time attendance&access control function
- Install on wall, turnstile, and different types stands
- With real time monitoring software
- 8 inch HD touch screen



AY-C30P

Automatic temperature measure & hand disinfection machine

- Alarm for high temperature: flashing+beeping"DIDIDI"
- LED display: temprature measure value
- Power supply: USB cable Type-C/AA battery
- Bottle capacity: 1000ml
- Mounting type: wall mount/tripod fixing/with receiving tray to put on desktop
- Automatic dispenser: Support alcohol, gel, foam
- Support Temperature unit: °C/°F
- Support voice broadcast: multi language Chinese, English, Korean, Spanish, Portuguese etc, total 15 languages
- Alarm temperature value setting: support
- Voice volume setting: support
- Alcohol volume output control: support





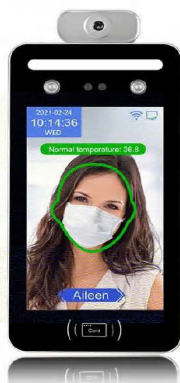
AY-FFI-1003T

5 Inch IPS Touch Screen,
Wall mounte Bracket



AY-MFT02T

4.3 Inch IPS Touch Screen,LED Frame
Plastic Case Bell Button



AY-MFT08T

8 Inch HD IPS Touch Screen,
Mifare&EM card Both



AY-MFT80TP

8 Inch HD IPS Touch Screen,
Mifare&EM card Both

Specifications

| | |
|------------------------------------|---|
| Temperature detection distance | 0.5 meter |
| Temperature detection Accuracy | ±0.3℃ |
| Temperature detection error | 0.5℃ |
| Temperature detection minimum unit | 0.01℃ |
| Operation system | LINUX 3.10 |
| CPU,NPU | 1.2G Dual-Core ARM Cortex-A7, 1200G (1.2T) |
| Binocular camera | 200W Colorful WDR+200W Infrared live camera |
| Logs capacity | 500000 |
| Face Registration | Local operation: Enroll face with machine, import user photo with U disk Software operation: Import user photo to software, capture user photo with camera |
| Verification | Dynamic face recognition, password, ID/IC card optional |
| Face Recognition Accuracy | 99.70% |
| Recognition Speed | ≤0.2s, support single user/multi user(at most 5 users) recognition at same time |
| Recognition Distance | 0.5~2.5 meters (0.5~1.5 meters with live face recognition on) |
| Prevent Photo | Dual camera anti-counterfeiting, prevent recognition with photo/video |
| Principle of Identification | Face algorithm technology of multi-task cascaded convolutional neural network based on video stream for dynamic face detection, tracking and recognition |
| WDR | Wide dynamic range, support accurate face recognition under Strong light, dark light and backlight |
| USB | USB2.0 x 1 , Support U disk import/export data |
| Power supply | DC12V interface x 1 |
| Speaker Interface | Reserved for extended Speaker Interface |
| Network Communication | TCP/IP, Support C/S LAN communication, Wifi (optional) |
| Free Attendance software | Support USB Flash Driver Download for the excel files of detailed temperature detection record and attendance report |
| Shift | Support shift setting and importing shift schedule with U disk |
| Management Software | Support PC software to manage data through network connection with equipment |
| Access Control Function | Door unclosed alarm, forced door opening alarm, alarm linkage and output, one set of door opening signals, one set of alarm signals, time permission control, connect external access control reader, Wiegand 26/34 Output&Input |
| Environmental adaptability | Working temperature: -15℃~+45℃ (storage temperature -40℃~+65℃) , Working humidity: 20%~90% (storage humidity 20%~90±2%) , Dark enviroment: LED Soft light automatic fill light (Automatic control according to ambient light) Ambient light adaptation range: 0-50000Lux |
| Multi language | English, Spanish, Arabic, Thai, Farsi, Portuguese, French, Italian, Japanese, Korean, etc |
| Broadcast and ring | Support display name, voice broadcast name, builtin bell ring |
| Automatic fill light | Support infrared fill light, the white fill light automatically lights up when face is captured in dark light |
| Working Current | stand-by current: 310mA , Working current: 520mA |
| QR Code Scanner | Support |
| Working Voltage | DC12V |
| Installation Way | Standard: Wall mount, desktop stand; Optional: bracket for turnstile, floor stand |

Different Case designs for your Option

Face & Fingerprint Access Control and Time Attendance Management Systems



AY-FTA1004L

2.4" TFT Color LCD
Fingerprint 3000
Size 105*105*30mm



AY-FTA1004LP

2.4" TFT Color LCD
Fingerprint 3000
Size 105*105*30mm



AY-FTA1005

2.4" TFT Color LCD
Fingerprint 3000
Size 190*80*33mm



AY-FTA1020

Matellic case
IP65 waterproof
(Optional IP67)
ID&IC card
Slim design: 140*42*18mm,
for door with slim frame



AY-FTA1010

2.0" TFT Color LCD
Fingerprint 3000
Size 190*80*33mm



AY-FTA1001M

2.4" TFT Color LCD
Fingerprint 5000
Size 198*77*33mm



AY-FTA1011

2.8" TFT Color LCD
Fingerprint 3000
Size 190*80*42mm



AY-FT02001

2.8" TFT Color LCD
Fingerprint 3000
Size 190*80*33mm

Common Features

- ◆Multiple identification: fingerprint and card together.
- ◆500 Dip hidden fingerprint sensor for dry fingerprint and strong sunshine.
- ◆Wiegand in&out to combine with access controller.
- ◆Standard TCP/IP, GPRS, RS485, USB for communication with computer and server together.
- ◆With software management together for time attendance and access control.
- ◆Lighted keypad for easier operation and using at night.
- ◆Free SDK and Free software
- ◆Two door interlock function: A door open, B door closed.

Specifications

| | |
|----------------------|--|
| Working | Online |
| Identification Style | Fingerprint, card, password |
| Identification Speed | <1 sec |
| FAR | <0.01 |
| FAR | <0.0001 |
| Fingerprint Capacity | 3000 |
| Card Capacity | 3000 |
| Password Capacity | 3000 |
| Record Capacity | 200,000 |
| Display | 2.4 / 2.8 TFT Color Screen |
| Language | English/Spanish/Turkish/Arabic/Thai/Persian and so on |
| Communication | TCP/IP/USB |
| Humidity | 20%-60% |
| Temperature | 0°C-40°C |
| Access control | Simple access control function for door open/close control |
| Output | Electric Lock |
| Voice | Boom, Dual LED |
| Power Supply | DC12V |
| Software | Free |

Different Case designs for your Option

Face & Fingerprint Access Control and Time Attendance Management Systems



AY-FTO2014



AY-FTO2015



AY-FTO2000



AY-FTO2016



AY-FTO2017



AY-FTO2018



AY-FTO2011



AY-FTO2012



AY-FTO2004



AY-FTO2010



AY-FTO2013



AY-FP2001

Common Features

- ◆ Special algorithm with faster speed and high steady quality.
- ◆ High USB interface with 10 times speed than normal usb.
- ◆ With international 32 bit DSP CPU.
- ◆ High resolution LCD show employee's name and finger image.
- ◆ 3000/5000 fingerprints suits different enterprise and company.
- ◆ High speed tcp/ip communication make data transfer steady.
- ◆ Free driver scan usb for easy using.
- ◆ USB pen driver download or upload the reports in Excel or TXT file
- ◆ Provide free software and free sdk.

Specifications

| | |
|----------------------|--|
| Working | Online |
| Identification Style | Fingerprint, card, password |
| Identification Speed | <1 sec |
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| Record Capacity | 200,000 |
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| Language | English/Spanish/Turkish/Arabic/Thai/Persian and so on |
| Communication | TCP/IP/USB |
| Humidity | 20%-60% |
| Temperature | 0°C-40°C |
| Access control | Simple access control function for door open/close control |
| Output | Electric Lock |
| Voice | Boom, Dual LED |
| Power Supply | DC9V |
| Software | Free |

Fingerprint and Card Standalone Time Attendance



Different Case designs for your Option

Face & Fingerprint Access Control and Time Attendance Management Systems

Common Features

Attendance Shift Setting:

- ◆ As days, weeks, months to set the attendance
- ◆ Support work in&out, relay, overtime setting
- ◆ Support holiday, weekend and leaving setting
- ◆ Support retroactive setting

Color LCD

- ◆ High resolution ratio LCD shows employee name, fingerprint image

Employee information register

- ◆ T9 input too register the employee name in the attendance device
- ◆ USB pen drive to download or upload the employee's details

USB Pen driver store data

- ◆ USB pen driver download or upload the reports in Excel or TXT file
- ◆ USB Pen driver download or upload employee details for easy editing
- ◆ USB Pen driver download or upload attendance shift setting

Attendance Exports

- ◆ Auto generate reports in Excel or TXT file
- ◆ Both raw data and statistic data reports

Specifications

| Working | Standalone |
|----------------------|---|
| Identification Style | Fingerprint, card, password |
| Identification Speed | <0.8 sec |
| FAR | <0.01 |
| FAR | <0.0001 |
| Fingerprint Capacity | 1000 |
| Card Capacity | 1000 |
| Password Capacity | 1000 |
| Record Capacity | 100,000 |
| Display | 2.4 / 2.8 TFT Color Screen |
| Language | English/Spanish/Turkish/Arabic/Thai/French/Vietnamese and so on |
| Communication | FP+Card, PIN+Card,FP+PIN, FP+PIN+Card |
| Humidity | 20%-60% |
| Temperature | 0°C-40°C |
| Reports | USB pen driver download reports in Excel or TXT file |
| Name Display | 1-16 digital |
| Voice Promote | Late or leave early voice promote |
| Power Supply | DC5V |
| Software | Free |

Multi Two/Four Doors Access Controller System

Lock 1 Lock 2 Lock 3 Lock 4

Door Magnet 1
Door Magnet 2
Door Magnet 3
Door Magnet 4



WIFI

GPRS

TCP/IP

RS485



**5~20meters long
range UHF Reader**



QR Code reader



QR Code reader



RFID card reader







AY-WACR101

Waterproof Access Control / Reader

- ◆ Card Capacity: 2000
- ◆ Size: 86*86*20mm
- ◆ Verify Mode: PIN , ID Card, Pin+ID Card (Optional IC)



AY-WACR102

Waterproof Access Control / Reader

- ◆ Card Capacity: 2000
- ◆ Size: 225*115*75mm
- ◆ Verify Mode: PIN , ID Card, Pin+ID Card (Optional IC)



AY-WACR10

Waterproof Access Control / Reader

- ◆ Card Capacity: 3000
- ◆ Size: 108*76.6*20mm
- ◆ Verify Mode: PIN , ID Card, Pin+ID Card



AY-WACR16

Touch Screen Access Control / Reader

- ◆ Card Capacity: 3000
- ◆ Size: 78.7*78.7*18.6mm
- ◆ Verify Mode: PIN , ID Card, Pin+ID Card (Optional IC)



AY-ACR12

Waterproof Access Control / Reader

- ◆ Card Capacity: 3000
- ◆ Size: 160*43*21mm
- ◆ Verify Mode: PIN , ID Card, Pin+ID Card (Optional IC)



AY-ACR18



AY-ACR19

Card Access Control

- ◆ Card Capacity: 800
- ◆ Size: 110*60*20(mm)---TDS18 113*60*17mm----TDS19
- ◆ Verify Mode: Pin , ID Card, Pin+ID Card (Optional IC)

Locks & Access Control Power Supply

| | | | | | |
|--------------------|---|--|--|---|---|
| Product Appearance |  |  |  |  |  |
| Model | AY-EBL205 Electric lock | AY-MLK280LED Magnetic Lock | AY-FDC-205 Door holder | AY-MLS280Z | AY-US280 |
| Feature | <ul style="list-style-type: none"> Lower temperature electric lock Dimension : 200Lx34Wx42H | <ul style="list-style-type: none"> 280KG single door with light magnetic lock with single out Dimension : 250Lx43Wx26H | stainless steel door handle for metal and glass door | L-Shape, Z-shape bracket for 280KG magnetic lock | Magnetic lock , U-shape bracket for without drilling rimless glass door |

| | | | | |
|--------------------|---|---|---|---|
| Product Appearance |  |  |  |  |
| Model | AY-ADC20 | AY-SSC21 | AY-PS12 Power supply | AY-PS12DC Power supply |
| Feature | Aluminum alloy door holder for installation on rimless glass door | Stainless steel door holder for small gap between door frame and door | Output 12V, Dual gauge voltage regulator, Standard pure Copper transformer, Push input and Electric lock output | <ul style="list-style-type: none"> Power : 30-50W Input voltage : AC220V or AC110V Output voltage : 12VDC Rated current : 3A External battery specification : 7AH 12VDC Battery Over discharge voltage : 9V |

Exit Buttons

| | | | | |
|--------------------|---|---|---|---|
| Product Appearance |  |  |  |  |
| | ♦Dimension : 91x28 | ♦Dimension : 80x30x24 | ♦Dimension : 86x50x20 | ♦Dimension : 86x86x20 |
| Model | AY-SSB003A Exit button | AY-SSB003A-Z Zinc Alloy Exit button | AY-TB002A Infrared Exit button | AY-SSB 003B Lighted exit button |

| | | | |
|--------------------|---|--|---|
| Product Appearance |  |  |  |
| | ♦Dimension : 86x86x25 | ♦Dimension : 86x86x20 | ♦Dimension : 86x86x50 |
| Model | AY-PB004A Exit button | AY-PB004A-I Infrared Exit button | AY-EDR1001 Emergency door release |

Smart Fingerprint Integrated Lock



Parameters

| | |
|-------------------------------|---|
| Capacitive Fingerprint Sensor | < 4.5s |
| Fingerprint capacity | 100 |
| battery life | 80,000 times normal unlock |
| FAR | < 0.001 (%) |
| FRR | < 0.001 (%) |
| Communciation | Wifi |
| Fingerprint sensor | Capacitive |
| Working temperature | -20°C ~ 60°C |
| Operating humidity | 0 ~ 90 (%) |
| Material | Aluminum alloy |
| Available color | Black |
| Power supply | 4pcs 5AA battery, USB charging port for emergency |
| Mechanical key | Support |
| Tuya APP | support iphone and Android phone |
| Unlock way | Mobile APP + Fingerprint + Password + Card + Key |
| Door Type | Wood door, Steel door, for house/office/apartment use |



New Construction Sites



School/ Colleges/ Universities



Hospitals



Industrial establishments / SEZ's



Smart City



High-Rise Apartments



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