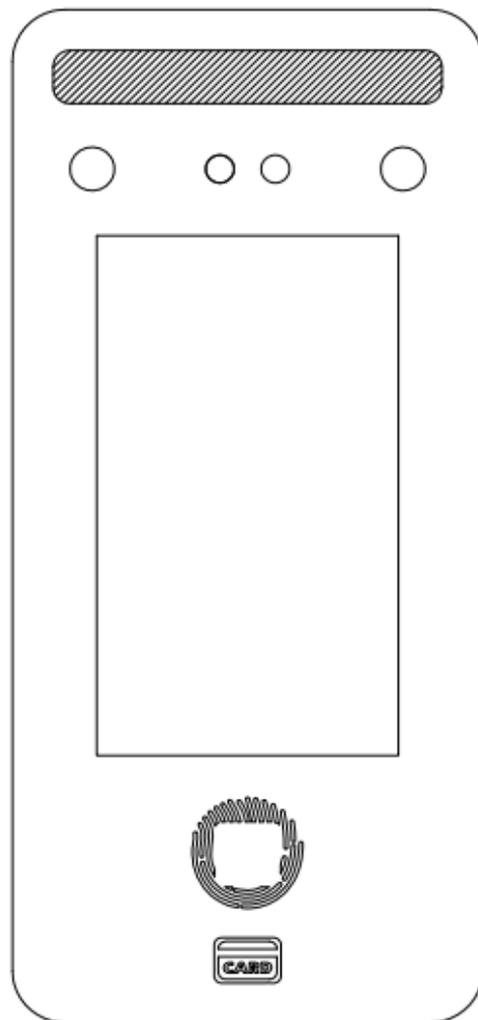# Intelligent access control and attendance all-in-onemachine

The manual

Please read this manual carefully before installation and keep it well for reference at any time
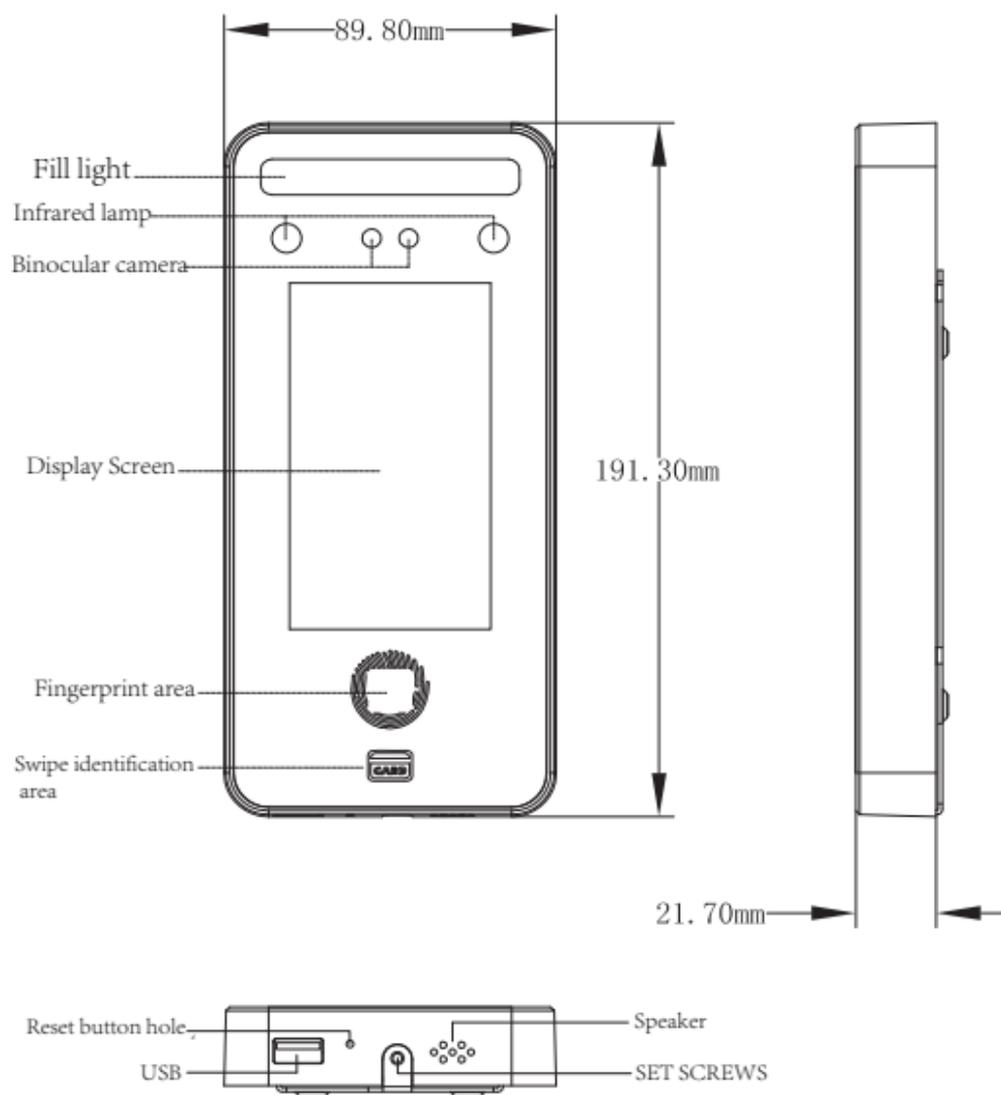
The equipment parameters:

The product name	Intelligent access control and attendance all-in-one machine
The operating system	Real-time control of the operating system
display	4.3 inch LCD, capacitive touch screen
camera	Binocular 2 megapixels
Fill light	LED high light filling lamp (automatic control according to ambient light)
The intelligence function	Infrared liveness identification/dynamic face recognition
Face/password/card/fingerprint	2000/2000/2000/2000
User record	Article 100000.
The power supply requirements	DC12V 2~5A
current	Static operating current 210mA/operating current 350mA
Communication methods	TCP/IP wired communication/(WiFi optional)
Language shows	Simplified Chinese/English
Access control function	Door sensor/doorbell/manual door opening
Access control interface	A set of switching signals, a set of Wiegand signals
Identify ways	Dynamic face/password /IC card/live fingerprint
Working temperature	-10 to 60 degrees Celsius
Voice prompt	High definition human voice
The data collection	Usb disk to export data reports or computer software to collect data through network connected devices
Wiegand signal input	1 set of WG26/34 (external read heads can be attached)
Wiegand signal output	A set of WG26/34 outputs (can be used as read heads external to the controller)

Directory

一. Schematic diagram of product structure and function

89.80mm

Fill light
Infrared lamp
Binocular camera

Display Screen

191.30mm

Fingerprint area

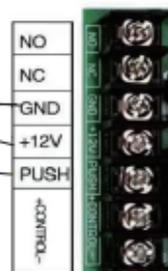Swipe identification area

21.70mm

Reset button hole
USB

Speaker
SET SCREWS

二.Product wiring diagram
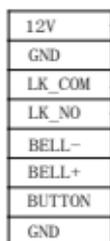
Special power supply for access control
In order to ensure long-term stable operation,
please use 5A power supply when connecting 2 locks

Access control machine

| 12V |
| GND |
| LK_COM |
| LK_NO |
| BELL− |
| BELL+ |
| BUTTON |
| GND |

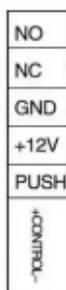| NO |
| NC |
| GND |
| +12V |
| PUSH |
| <CONTROL> |

Special power supply for access control
In order to ensure long-term stable operation, please use
5A power supply when connecting 2 locks

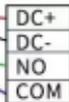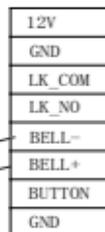| NO |
| NC |
| GND |
| +12V |
| PUSH |
| <CONTROL> |

| V+ |
| V− |

Electric lock/magnetic lock

Switch

| DC+ |
| DC− |
| NO |
| COM |

Remote control

The power supply

| NC | NO | GND | PUSH | CONT |

red
black
green
yellow

| 12V |
| GND |
| LK_COM |
| LK_NO |
| BELL− |
| BELL+ |
| BUTTON |
| GND |

Access control machine

| V+ |
| V− |
| NC |
| COM |
| NO |

Remote control panel
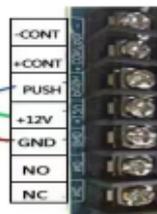
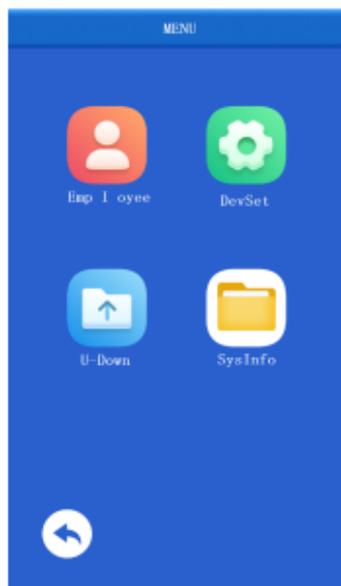| -CONT |
| +CONT |
| PUSH |
| +12V |
| GND |
| NO |
| NC |

PS :(NC without wiring)

The power supply

三.Basic operation
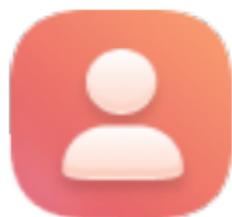
 Click this icon to enter the menu

The menu is divided into: User management/machine Settings/data management/ machine information

Password verification: Enter the (id) (password) of the registered person and click (OK). Note that the account number is pure numbers.
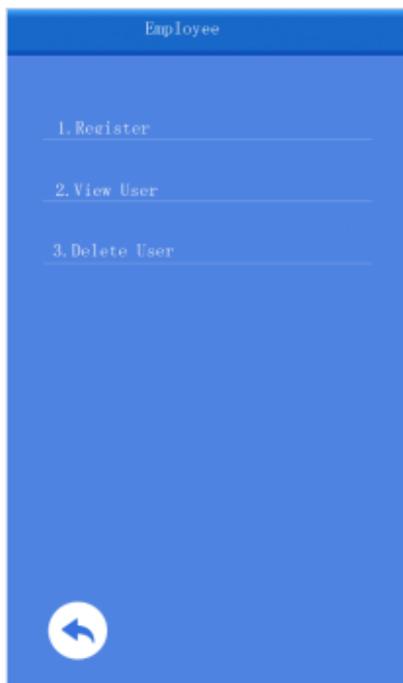
(123) Confirm button for switching input method (OK)

四.User management

Select (Add user)
\to input personnel
information

(Employee ID) (name) (face) is mandatory.
(Department) Filling in will affect whether the attendance software should schedule according to the department.
(Password) The combination of id and password will be added after you enter the password. The password and ID are only digits. (Card code) is IC/ID card number. After adding (card code), swipe the corresponding card to pass the verification. The card number is an alphanumeric combination.
(Fingerprint) After a fingerprint is successfully registered, the corresponding fingerprint can be verified.
(Permission) The default user is user. After you switch to administrator, you need to verify the administrator permission before entering the management Settings page.

五.Time Settings/record Settings

Current Time

| 2022 | - | 02 | - | 28 |

| 19 | : | 32 | : | 19 |

Monday

1	2 ABC	3 DEF	MENU
4 GHI	5 JKL	6 MNO	▲
7 PQRS	8 TUV	9 WXYZ	▼
123	0	ESC	OK

Set year/month/day

Set the time/minute/second

Press (OK) to confirm

Records

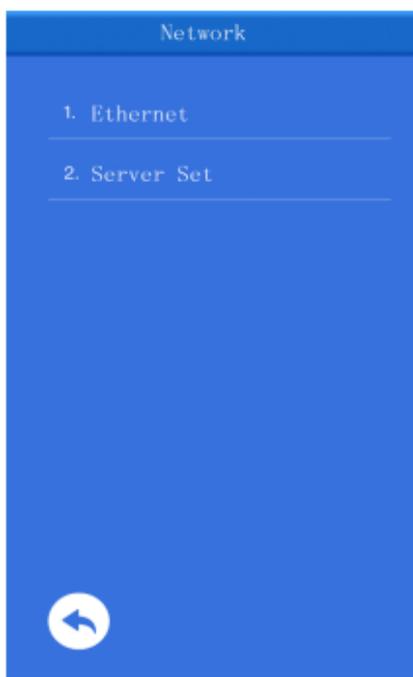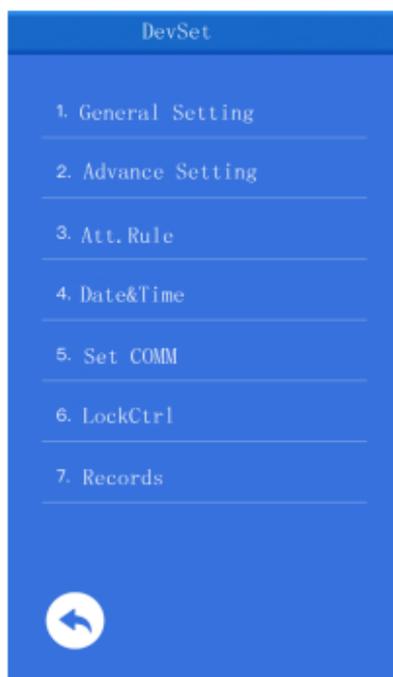| 1. AttRec Wrn | No |
| 2. Verify Interval | 5 |

Record warning can be set to 1-999 times.
Repeat confirmation time can be set to 0-99

六.Machine set up

Click on this icon (Machine Settings) to enter Settings

DevSet
1. General Setting
2. Advance Setting
3. Att. Rule
4. Date&Time
5. Set COMM
6. LockCtrl
7. Records

Network
1. Ethernet
2. Server Set

Note: To switch languages, restore factory Settings

(Common Settings) Enter Settings 1. 2. Set the volume 1-8; 3. Screen saver Can be set to close the screen after 0-99 seconds to enter the screen saver.

(Advanced Settings) Enter Settings 1. Delete all records. 2. Delete all users. 3. Restore the factory value.

(Attendance rules)Enter Settings 1. Company name: 2. Department management; 3. Flight time; 4. Statistical rules; 5. Time ring;

(Time setting) Enter setting to set year/month/day/hour/minute/second;

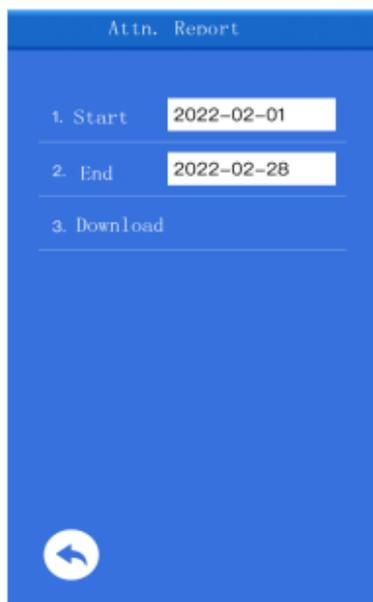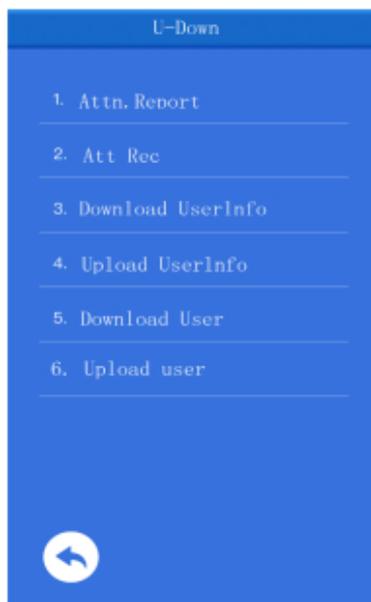(Communication Settings) Enter Settings 1. Ethernet Settings; 2. Set the server.

(Access control function) Entry setting 1. Unlock delay; 2. Door status sensor setting; 3. Unlock mode; 4. Wiegand output setting;

(Record setting) Enter Settings 1. Attendance record warning; 2. Repeat the confirmation time.

七.Data management

 Click (Data Management) to enter data Export/Import

U-Down
1. Attn. Report
2. Att Rec
3. Download UserInfo
4. Upload UserInfo
5. Download User
6. Upload user

Attn. Report	
1. Start	2022-02-01
2. End	2022-02-28
3. Download	

(Attendance report export) Insert the U disk, click (Attendance report Export) to select the attendance month, and the attendance record of this month will be exported as well as the tool to generate attendance report. Please refer to the exported attendance manual.

(Export raw data) Insert the usb flash drive. Click (Export Raw Data) to export the registered data of the device to the USB flash drive.

(Scheduling personnel information export) Insert the USB flash drive, click (Scheduling personnel information export) to export the USB flash drive.

(Importing the personnel information of the schedule) Insert the USB flash drive, and click (Importing the personnel information of the Schedule) to import the data in the USB flash drive to the device.

(Download all user data) Insert the USB flash drive. Click (Download All User Data) to export all user data from the device to the USB flash drive.

(Upload all user data) Insert the USB flash drive. Click (Upload all user data) to import user data from the USB flash drive to the device.

八. Warranty card

Warranty instruction

In order to safeguard your interests, remove your worries. The company in accordance with the national three guarantees of electronic products, to provide you with 1 year of quality warranty service!

Product failure or damage under the following circumstances, no matter whether within the free maintenance period, are not included in the free warranty:

1. Failure or damage not caused by assembly, repair, change or disassembly of our service agencies or personnel (machine anti-disassembly labels have disassembly marks, damage or loss);

2. Failure or damage caused by using parts not approved by the company;

3. Failure or damage caused by the use of software other than the company's dedicated product function;

4. Caused by natural disasters and other force majeure (such as earthquake, fire, etc.)

5. There is no warranty card, valid invoice or purchase certificate;

Sir/Madam:

Address: _____

_____

Maintenance record: _____

Note: The company reserves the right of the above provisions, and the final interpretation of the warranty service under the condition that it does not violate the law.

2022/03/24

18:00

Thursday

INTELLIGENT FACE RECOGNITION

Efficient   Convenient   Secure