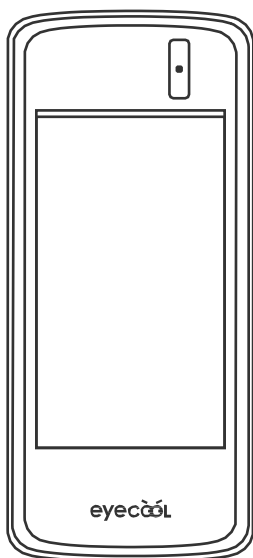


ECX332 Multimodal Face Recognition All-in-one Terminal

Quick Start Guide

v1.0



Dear users:

Thank you for purchasing ECX332 multimodal face recognition terminal!

We believe that you've made a wise choice and will enjoy wonderful changes and joyful daily life together with global users who trust ECX332 multimodal face recognition terminal.

Every ECX332 multimodal face recognition terminal is produced with diligent efforts of Eyecool. Every component is the achievement of wisdom of numerous engineers. Our sophisticated skills and expertise been demonstrated in our excellent world-class products. With our unremitting efforts, we contribute to opening a wonderful and infinite life experience for all ECX332 users. We always strive to provide you with intimate and comfortable experience in all-round way, from products to services.

Disclaimers

We've tried our best to ensure the correctness and reliability of information provided in this manual, but it may have deviation before and during printing.

We may upgrade the product from time to time in order to improve the performance, reliability and installation of the components and systems. This may be inconsistent with the description in the manual, but it will not affect the actual operation. Please understand!

The functions specified in this manual shall not serve as a reason for applying this product for special purposes. The company shall not bear any responsibility for the accidents and hazards caused by the misoperation of the user.

1. Getting Started

1.1 Registration Instruction

When using multimodal face recognition terminal, please follow the steps below for operation involving registration or identification:

- (1) Stand in front of the multimodal face recognition terminal, and look at the screen of the terminal;
- (2) Make sure the eyes are within the preview box at the top of the screen. If the eyes are out of the preview box at the top of the screen, it will adjust to align.

1.2 Startup

Connect the supporting power adapter at the interface, and the system will start automatically within 25 sec.

2. Product Use

2.1 Device Activation - Registration

Step 1 Select language:
Chinese and English (as shown in Fig.1)

Language	
中文	✓
English	

Fig. 1

Step 2 Network selection and setting
(as shown in Fig. 2)

Select network		Skip
Wired network	✓	
WIFI		
Domain name setting		
Network certificate setting		

Fig. 2

Local: the data can be saved locally without need to connect to network. Click Skip in the upper right corner of the page (as shown in Fig. 2) to enter the local version.

Network: the data can be interacted by connecting to the network. The network can be connected via wire or WiFi (as shown in Fig. 2).

Wired network: insert the cable, connect the wired network, the data can be saved locally while being uploaded and downloaded via network.

WIFI: connect WIFI, the data can be saved locally while being uploaded and downloaded via network.

Note: the activation of local version is simpler than that of network version.

You can register and activate by skipping steps relevant to network version. It can be regarded as the flight mode. After the local version is registered successfully, you can switch to the network version by enabling WIFI or Ethernet setting in the basic setting to connect to the network. It is recommended to apply the network version. The registration and activation of the two versions are shown as follows.

Local

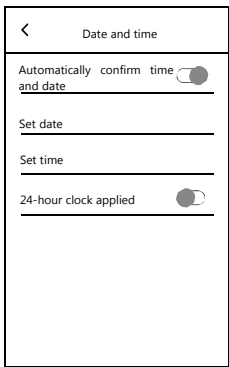


Fig. 3

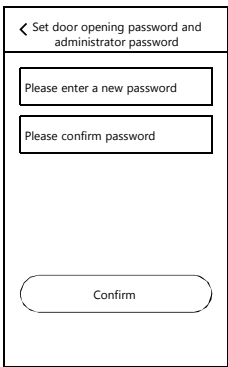


Fig. 4

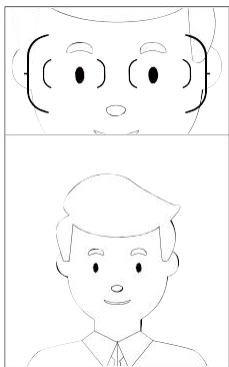


Fig. 5

- Step 1:** Click "Skip" to enter the local version and select the date and time. (As shown in Fig. 3)
- Step 2:** Set the door opening password and administrator password: enter and confirm the new password, and click "Confirm". (As shown in Fig. 4)
- Step 3:** Enter standby screen. (As shown in Fig. 5)

Network

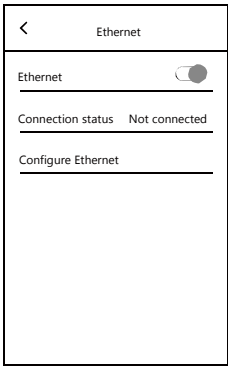


Fig. 6

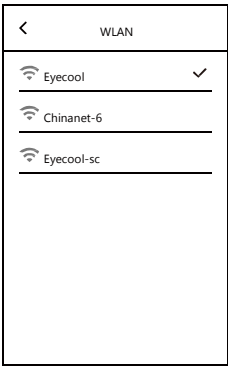


Fig. 7

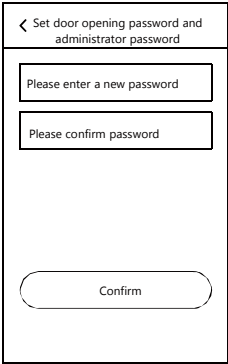


Fig. 8

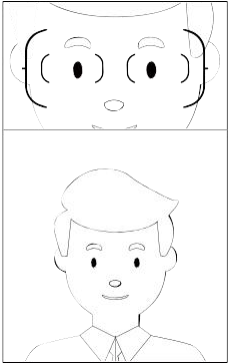


Fig. 9

Step 1: Select wired network, open Ethernet, insert the network cable, and connect the wired network (as shown in Fig. 6); or select WiFi and enter correct WiFi password to connect (as shown in Fig. 7).

Step 2: Set the door opening password and administrator password: enter and confirm the new password, and click "Confirm". (As shown in Fig. 8) After the password is set successfully, it jumps to the standby screen (as shown in Fig. 9).

2.2 Add Users

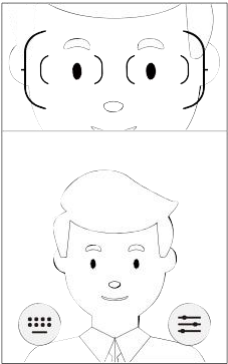


Fig. 10

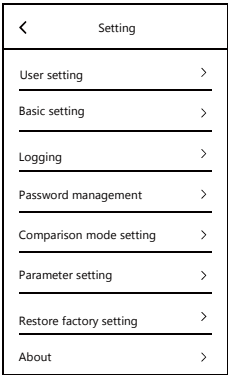


Fig. 11

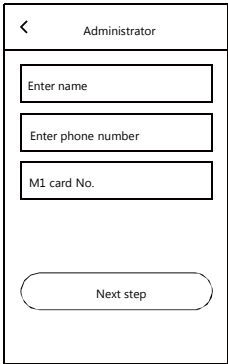


Fig. 12

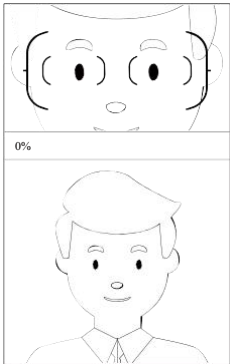


Fig. 13

(1) Enter the setting interface:

Swipe the screen upward in the main identification interface, and the screen shows the input button of opening by password (⌨️) and the setting entry button (⚙️) (as shown in Fig.10). Click the setting button on the right to enter the password input interface, enter the administrator password and click "Confirm" to enter the setting (as shown in Fig. 11) (the administrator can also enter the setting with iris recognition).

(2) Click "User setting" and then "Add user" to select "Register as administrator" and "general user": take the registration as administrator as an example (as shown in Fig.12) to fill in the name and mobile phone number respectively. If you have M1 card, swipe M1 card and click "Next".

(3) Enter registration interface (as shown in Fig.13) and ensure the eyes within the preview box at the top of the screen at an distance about 55mm. After 100% of the registration progress is completed, the successful extraction of iris feature will pop at the bottom of the screen, indicating that the registration is successful.

3. Door Opening Mode

3.1 Door Opening by Identification

Get close to the multimodal face recognition terminal at the front. The iris identification main interface pops up when the person is sensed, ensure the eyes within

the identification box at an distance about 55mm. The door opens when the legal face and iris are captured and identified.

3.2 Door Opening by Password

Get close to multimodal face recognition terminal, swipe the screen upward in the main identification interface, and the screen shows the password input button and  setting entry button . Click the password input button on the left, enter the door opening password in the pop-up box and click "Confirm" to open the door.

4. Detailed Introduction of Management Setting Function

4.1 User Setting

After entering setting menu, the administrator can set the relevant user functions of the multimodal face recognition terminal.



User information

Name Xiaobo

Mobile 1589893333



Authority management

General users

M1 card No.

Swipe card

Iris feature



Face feature



Fig. 14

Click "registered users" to modify their "Name" and "Management Authority", click "Iris Feature" and "Face Feature" to prompt whether to upload features. Click "Confirm" to enter the registration interface to update features, and click "Delete" button below to delete users. (As shown in Fig. 14)

4.2 Basic Setting

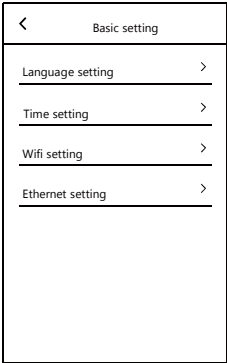


Fig. 15

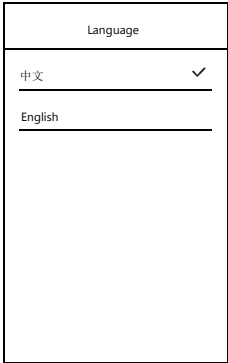


Fig. 16

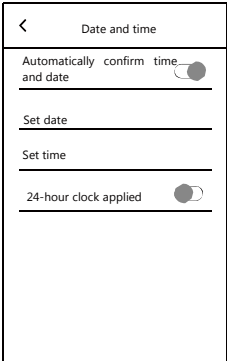


Fig. 17

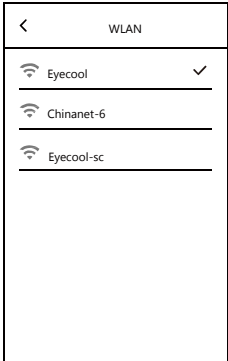


Fig. 18

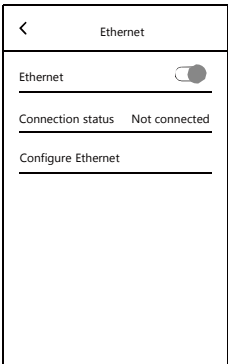


Fig. 19

You can change and set the language (Fig. 16), time and date (as shown in Fig. 17) and, wifi (as shown in

Fig. 18), Ethernet (as shown in Fig. 19) in basic setting (as shown in Fig. 15).

4.3 Logging

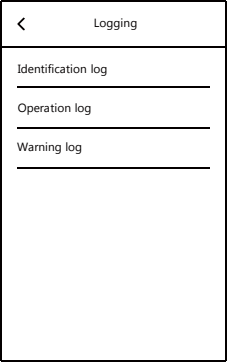


Fig. 20

You can view the identification log, operation log and warning log in logging. The log includes identification door opening record, password\entry record and identification failure record. Warning records, etc., containing specific date and time and real-time images. (As shown in Fig. 20)

4.4 Password Management

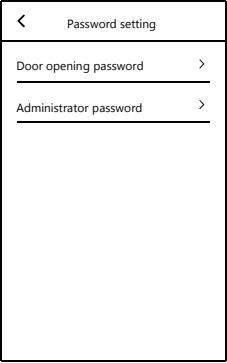


Fig. 21

Enter the password management to modify the door

opening password and administrator password. (As shown in Fig. 21)

4.5 Comparison Mode Setting

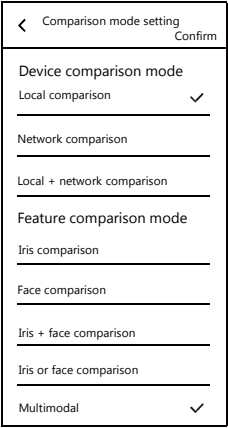


Fig. 22

You can change the device and feature comparison modes in the comparison mode setting. The device comparison mode includes: local comparison, network comparison, local + network comparison. The feature comparison mode includes: Iris comparison, face comparison, iris + face comparison, iris or face comparison, multimodal comparison. The comparison mode above can be changed according to user requirements. (As shown in Fig. 22)

4.6 Parameter Setting

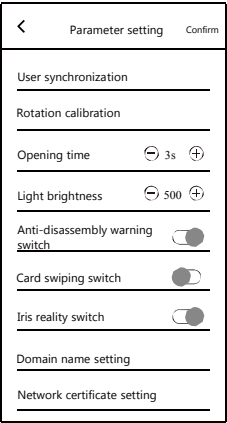


Fig. 23

Enter parameter setting to set and manage user synchronization, rotation calibration, door opening time, light brightness, anti-disassembly warning switch, card swiping switch, iris display switch, domain name and network certificate. User synchronization could force the user information in the download server to synchronize with the local when the network status is poor; Rotation calibration can be used to calibrate two cameras; Door opening time is the delay time after opening the door; The brightness of light is to enhance and weaken light compensation by plus and minus signs; The anti-disassembly warning switch gives an audible alarm when the multimodal face recognition terminal is illegally dismantled to remind the user. (As shown in Fig. 23)

4.7 Restore Factory Setting

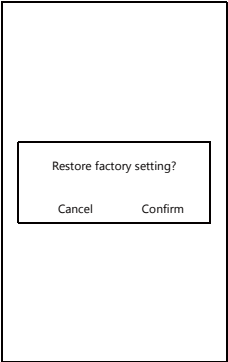


Fig. 24

Click to restore factory setting, and a prompt will pop up to confirm whether to restore factory settings. Click "Confirm", and the system will restore to the factory setting. (As shown in Fig. 24)

4.8 About

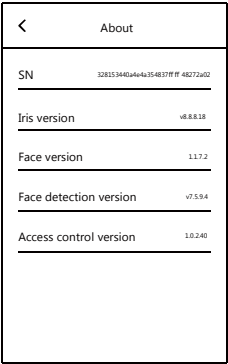


Fig. 25

Enter About to view SN, iris version, face version, face detection version, access control version and other information of the device. (As shown in Fig. 25)

5. Warranty Card

Warranty Card

Dear customer, thank you for purchasing Eyecool products. In order to offer you with better service, please carefully read, fill in and properly keep this warranty card after purchasing.

Customer name	
Customer address	
Product name	
Date of purchase	
Contact	
Tel	
Model	
Ex-factory No.	
Maintenance records	

Warranty description

1. Please keep this warranty card properly as maintenance voucher.
2. The warranty period of product is one year from the date of purchase.
3. With the normal use and maintenance during the warranty period, if there is any problem or fault in the material and process, our company will provide maintenance and replacement parts free of charge after investigation.
4. The company has the right to refuse service or charge materials and service fees as appropriate during the warranty period when:
 - (1) It is unable to provide this warranty card and valid purchase certificate.

(2) Product failure and damage is caused by improper use by users.

(3) The damage is caused by artificial abnormal external force.

(4) The damage is caused by disassembly and repair by maintenance technician not authorized by our company.

(5) Others damage is caused intentionally.

5. We reserve the right to modify and interpret all the contents.

Federal Communications Commission (FCC) Statement

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two

conditions: (1) This device may not cause harmful

interference, and (2) this device must accept any

interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications made to this device not expressly approved by Beijing Eyecool Technology Co., Ltd. may void the FCC authorization to operate this device.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

RF exposure statement:

The transmitter must not be colocated or operated in conjunction with any other antenna or transmitter. This equipment complies with the FCC RF

radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a Minimum distance of 20cm between the radiator and any part of your body.



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