

TXJ-X8 Intelligent All-In-One Machine

Instruction manual

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STATEMENT

The following is about the correct use of the product, prevention of danger, prevention of property damage, etc., please read this manual carefully before using the equipment and strictly abide by it when using, and please keep the manual properly after reading.

1 PRODUCT INTRODUCTION

1.1 INTRODUCTION

TXJ-X8 Intelligent attendance access control all-in-one machine is a terminal product independently developed by Shenzhen Suanzi Technology Co., Ltd.

This product adopts the most cutting-edge face recognition technology, which can support a maximum of 50,000 face libraries, millisecond-level recognition and output results; Support Wiegand interface output, control door opening signal; It can dock with third-party enterprise collaboration software such as WeChat, DingTalk, and Feishu to report traffic records and form attendance reports.

This product can be widely used in access control scenes in office buildings, schools, hospitals, residential areas and other buildings, guarding the door to work, study and life for you.

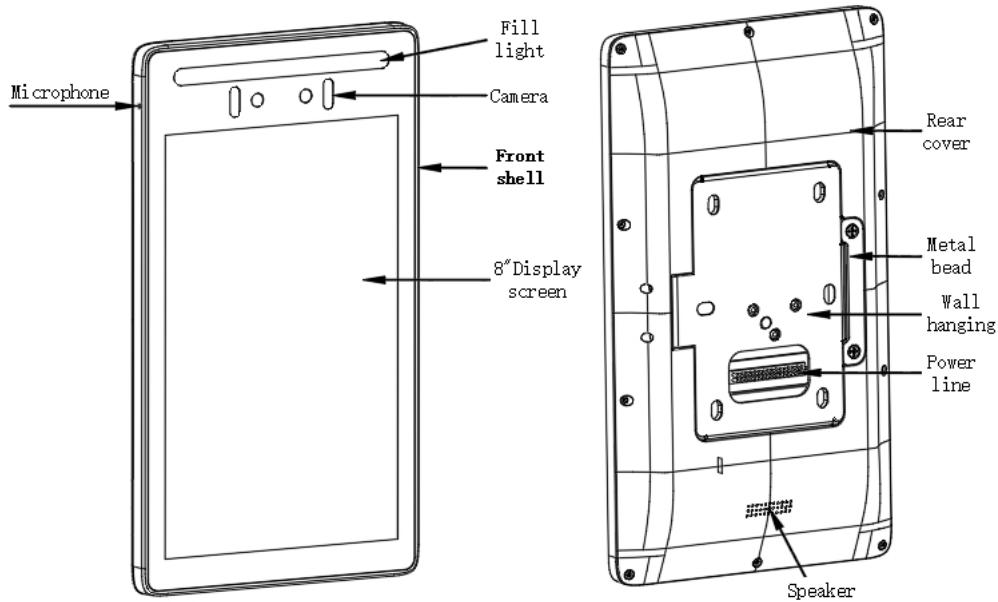
2 COMPONENT LIST

- Main unit*1
- Instruction manual*1
- Accessory kit *1 (screw *5, expansion tube *5, M socket wrench *1)
- Warranty card + certificate in 1*1
- Tail wire *1

3 PRODUCT SPECIFICATIONS

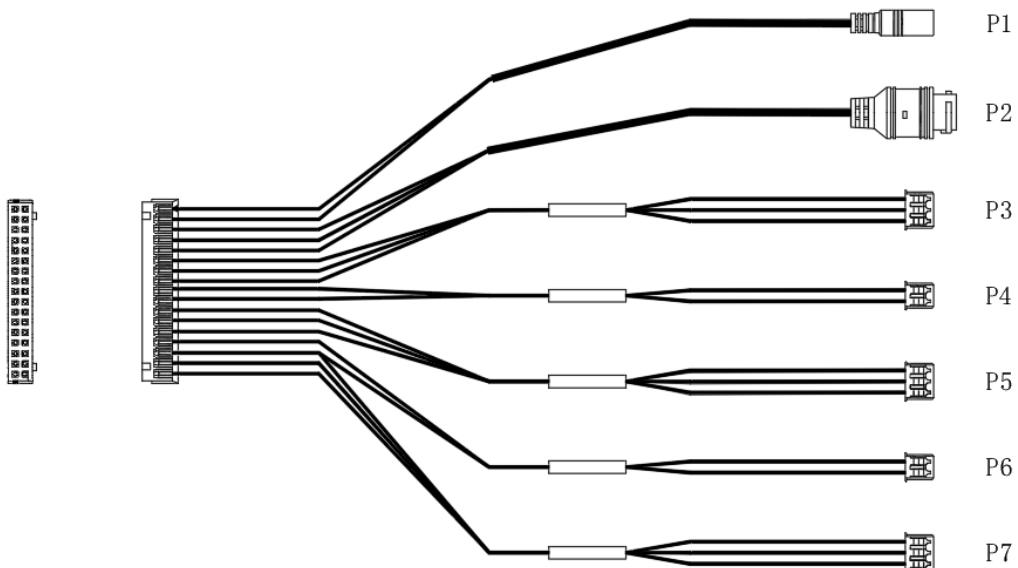
Name	TXJ-X8 Intelligent All-In-One Machine
Basic parameters	
RAM	512MByte
ROM	8GByte
Display size	8 inches, resolution 800*1280, IPS screen
Touch screen	8 inch touch screen
Camera	Binocular, 2 million pixels, infrared + color
Interface	
Communication interface	1 x 10M/100M adaptive Ethernet port
	WiFi module, 2.4GHz
Auxiliary communication	1 RS-485 interface, IC card communication interface (optional), QR code communication interface (optional)
Trigger input	1 alarm input, 2 signal inputs, 2 Wiegand inputs (optional)
Trigger output	2-way Wiegand output; 1 relay output
Audio interface	1 way speaker output; 1 microphone input
Working environment	
Power supply	DC: 12V, 2A
Power Consumption	≤18W
Operating temperature	-10°C ~ +50°C
Operating humidity	20% ~ 90%

4 PRODUCT DIAGRAM



5 DEVICE WIRING

5.1 TAIL WIRE SCHEMATIC



serial number	Name	Description
P1	DC IN interface	12V DC power input interface
P2	RJ45 interface	10M/100M adaptive wired network port

P3	Unlocking signal	Relay unlocking signal output
P4	RS485	RS485 communication interface
P5	Signal input	Used for signal input
P6	Alarm input	Used for alarm input
P7	Wiegand output	Used for Wiegand signal output

5.2 INTERFACE DESCRIPTION

serial number	Name	Pin color	Pin description
P1	DC IN interface	RED	VCC12_IN
		BLACK	GND
P2	RJ45 interface	/	10M/100 wired network port
P3	Unlocking signal	BLUE	NC
		GREEN	COM
		YELLOW	NO
P4	RS485	BLACK	485-
		RED	485+
P5	Signal input	BLACK	SENSOR
		BROWN	SENSOR
		WHITE	BUTTON
P6	Alarm input	BLACK	GND
		ORANGE	ALARM_IN
P7	Wiegand output	BLACK	GND
		ORANGE	WGO_D1
		BROWN	WGO_D0

6 NOTES

1. The installation and maintenance of this product should be carried out by professional service personnel, please do not disassemble and repair by yourself, only use the accessories and accessories specified by the manufacturer.
2. Do not press, drop or smash this device.
3. Do not soak this device in water.
4. The product should be subject to the actual product, and the instruction manual is for reference only.
5. Please choose 12V-2A DC power supply.
6. The product is updated in real time, if there is no notice, some functions of the product are allowed to have slight differences before and after the product update.
7. If any problem occurs when using the product, please contact the supplier or the company's customer service department in time.
8. We try our best to ensure the completeness and accuracy of the content of the manual, but due to the unstable real environment and other reasons, the practical values of some data may deviate from the values provided in the manual, if there is any question or dispute, the final interpretation of our company shall prevail.
9. If the operation is not in accordance with the instructions in the manual, any losses caused thereby shall be borne by the user.
10. Please install easy-to-use power-off equipment when installing wiring so that emergency power-off can be carried out if necessary.
11. Before the equipment is running, please check whether the power supply is correct.
12. Please protect the power cord from stepping on or pinching, especially at plugs, power sockets and contacts leading out of the unit.
13. When inserting the tail wire into the machine, pay attention to insert it horizontally, and do not tilt it forward, back, left and right.
14. Consumers who use power adapters for power should purchase power adapters that are CCC certified and meet the requirements of the standard.
15. WARNING: Operating this device may cause radio interference in a residential environment.

7 INSTRUCTIONS

7.1 PRODUCT INSTALLATION

To use this product, you first need to install the product on the wall in front of the door, connect the power line, relay line or Wiegand cable, and if there is a network cable, you can also choose to insert it.

7.2 POWER ON ACTIVATION

After the power is turned on, the system is successfully powered on, and it needs to be activated at this time. Boot activation is divided into three steps:

Step 1: Set a password, in order that your terminal settings will not be modified by others, please first set a terminal password, which is used to enter each time you enter the [System Settings] page;

Step 2: Configure the network, in order for the traffic data generated by your terminal products to be reported to the background, please configure the network, this product supports wired

network connection and wireless WiFi connection, if you do not need to report the traffic data, you can also skip it directly;

Step 3: Scan code binding, you can bind enterprise WeChat, DingTalk or Feishu to report your traffic data to these third-party software, and you can use these software to view attendance results. If you don't need to check the online attendance results, you can skip it directly.

7.3 FACE ENTRY

After booting up, please enter the member's face information. After the member information is entered, they can brush their faces to pass, which is divided into two processes: stand-alone version and binding enterprise WeChat version.

7.3.1 OFFLINE VERSION PROCESS

Click Settings - Enter Terminal Password - Click People Information - Add

7.3.2 Enterprise WeChat VERSION PROCESS

Set commuting rules: complete the network connection during the startup activation process, open the enterprise WeChat, and follow the process:

【Workbench】—【Clock-in】—【Management】—【Rules for commuting】

Face entry: Open the enterprise WeChat and follow the process:

【Workbench】—【Punch Card】—【Management】—【Time Attendance Machine Management】—【Select Time Attendance Machine】—【Available Range Settings/Face Information】

7.4 ACCESS ENTRY

You need to follow the process on WeChat:

【Workbench】—【Access Control】—【New Rule】 (only during the passage hours can be opened with a face, outside the time hours cannot be opened)

7.5 REMOTE DOOR OPENING

You need to follow the process on WeChat:

【Workbench】—【Access Control】—【Remote Door Open】

8 RECORD QUERYING

8.1 ACCESS CONRTOL RECORD

1. Device view:

On the device, you can view the access control traffic record, and the entrance is in [Settings] - [Access Record].

2. Enterprise WeChat view:

Website: <https://work.weixin.qq.com>

8.2 ATTENDANCE RECORD

Enterprise WeChat viewing website: <https://work.weixin.qq.com>

FCC Warning:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.