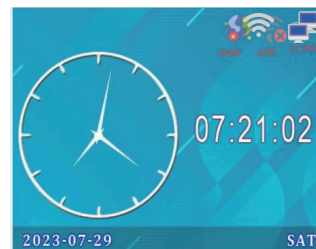




Version: v1.0

1. Normal standby interface



2. Enter the menu

Operation method: Press the menu icon on the standby interface. If there is an administrator, enter any of the administrator's face, password, and card. The new machine does not have an administrator password. The main interface is as follows:



1

3. Specific operations

First: User Management

1). User registration

1.Choose User -> Enroll

2.Input the Job number (unique and cannot be repeated), Department, Name (optional), Administrator (if set to yes, fingerprint authentication of this job number is required after entering the administrator) and press OK to the next step.

3.
 - a. Select fingerprint and press OK to operate according to voice prompt.
 - b. Select the card, press OK, use the card close to the card swiping area, and press OK to complete the card registration.
 - c. Select the password, press OK, input the password and confirm, and press OK to complete the password registration. To identify the password, first press the 0 button, then input the job number, then press OK, input the password and press OK.
 - d. Select the effective date, press OK to select whether to enable or disable, input the start time and end time, and press OK to complete. After the validity period is enabled, if it is not recognized within the validity period, it will prompt that the validity period has expired and the door cannot be opened. Not enabled by default.
 - e. Select the user's access control settings and press OK to select the time period. The range of each time period is from 1 to 50, the default is all 1, and it is all open for 24 hours without restriction.
 - f. Fingerprint alarm: Enroll coercion fingerprint: Enroll new fingerprint; Designated coercion fingerprint: Designate the registered fingerprint as coercion fingerprint; Cancel coercion fingerprint: Cancel a coercion fingerprint; Cancel all: Cancel all coercion fingerprints. When the fingerprint is pressed, a ring signal will be output. Enter the menu to remove the warning.

2

2). User delete

1.Choose Delete.

2.Input the corresponding job number and press OK.

3.Select any one of fingerprint, card, password, delete all data (delete all data of this job number), and press OK to complete the corresponding option.

3). User editing

1.Choose Edit.

2.Press the direction key to select the corresponding job number, press OK to edit, press MENU to enter the job number or press the fingerprint to view it.

Second: Device setting

1). Basic setting:

1. Language setting, you can choose the factory-set language.
2. Voice prompt, no voice output when turned off.
3. Volume adjustment: From 1 to 10, the greater the value, the greater the volume output.
4. Key tone: After enabling, every time you press the key, there will be sound output.
5. TR Auto Switch: Enable to display attendance status, disable to display attendance status.
6. Attendance time period: Shift refers to the attendance type. The start time and end time represent the working time period, and cross day is not allowed. Support 10 time periods.
7. Ring setting: When the set time is reached, the device will ring. Support 24 time points. Setting to No is not enabled.
8. Ringing times: 0-255 is supported, and the default is 10. This function is available only after setting enabled.
9. Department setting: Support 20 departments, press OK to edit. Support T9 input method.
10. Proximity: Input the proximity name.

3

Second: Device setting

1). Basic setting:

1. Identification method: Fingerprint, card, password and their combinations
2. Time setting: Set date, time, format, time zone, time server and time synchronization.
3. Proximity function: Enable or disable.
4. Proximity input time: 3 seconds by default.
5. Use records when identification fails: Save records when enabled.
6. Total number of administrators: The value range is 1–5, with a maximum of 5 administrators.
7. Correct fingerprint sensor: Use when the fingerprint sensor lines are not clear or the response is slow.
8. Firmware upgrade: Need a USB flash disk in FTA format to use. Insert the USB flash disk with firmware and click firmware upgrade. Power off is not allowed during the upgrade process.
9. Restore factory settings: Restore settings without deleting data.
10. Delete all identification records, which means delete all attendance data.
11. Delete all management records, which means delete all log files.
12. Delete all enrolled data.

3). Power management

Timed shutdown: Automatic shutdown after the set time.

Shutdown: shutdown after minutes after , 0 is not enabled.

Lock the shutdown key: When enabled, the shutdown key does not work.

4). Communication settings:

1. TCP / IP settings: Can be received and obtain automatically.
2. WiFi: Enable WiFi, scan WiFi, select the corresponding WiFi, press OK, and input the WiFi password (optional function).
3. Machine number is 1–65535, which is required for software connection.

4

6): Access control settings:

1. Time period setting: 50 time periods are supported, and the 50th time period is fully closed by default. Each time period corresponds to Monday to Sunday.
2. Door opening delay: 0–255s.
3. Door opening timeout alarm: 0–255s
4. Enable door magnetic detection: Normally open, normally closed, none.
5. Coercion alarm setting: Only password alarm is supported.
6. Use anti-disassembly: Enable and disable. After enabling, the anti-disassembly switch of the main board will alarm immediately when it releases.
7. Wiegand output format.
8. Card number direct transmission Wiegand: Card number is output as Wiegand signal.

7): Self-inspection function: Detect the function of the corresponding device and operate according to the prompt.

Third: USB flash disk management

Use the USB flash disk in FAT32 format, insert the USB flash disk, select the corresponding function, and press OK to export to the USB flash disk. You can download the user information to the USB flash disk, insert the USB flash disk into other devices, and click upload user information (XML) to upload it to the device. The downloaded file should correspond to the uploaded file.

Fourth: Data query

1. Registration information:
Check the machine capacity, record data and other information.
2. Device information: Check the factory date, model, algorithm version, etc
3. Advanced query: Query attendance records, management records and user queries. Press OK on the main interface to query attendance data.

6

4. The default port number is 5005, which cannot conflict with the software port on the computer, otherwise the connection to the software will fail.

5. The default communication password is No. The software can connect only with this password after setting.

TCP/IP:

6. Record sending method: TCP/IP. Sending real-time records.

7. Background address: Computer IP address or WEB URL that accepts real-time recording (optional function).

8. Background port number: 5005 by default.

9. P2P setting (optional): The port number is 4000 and the IP address is 183.61.171.24. The device can be operated remotely through the unique ID of the device and the P2P background IP address. After the server is successfully connected, the cross icon on the main interface of the device does not display (optional function).

Web Server Url:

10. Server URL

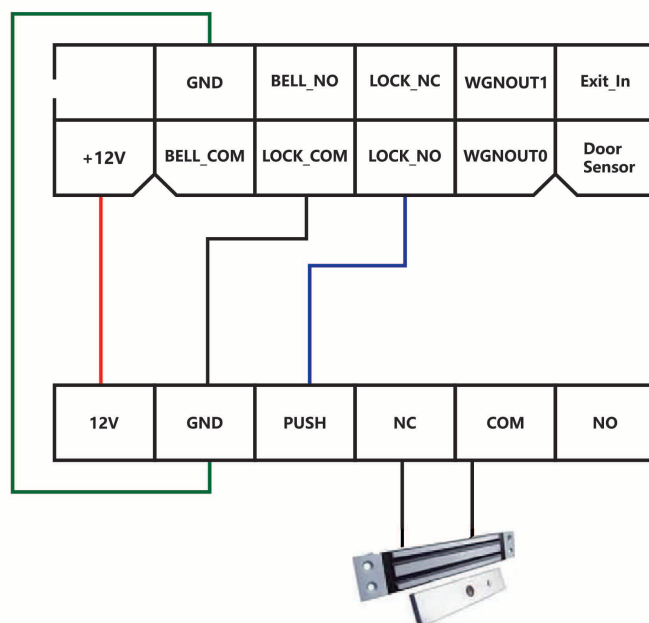
11. CloudId: Cloud ID

5). Record setting

1. Manage the record warning: When setting value, an alarm will appear when the setting value is full. Set to no is no alarm.
2. Serious record warning: When setting value, an alarm will appear when the setting value is full. Set to no is no alarm. For example, if it is set to 500, the total number of records is 100000. When it reaches 999500, an alarm will appear.
3. Repeat identification time: 0–255 min. When open multiple times within the set value range, just only record the first data.
4. Repetitive opening time: The opening time is 0–600min, and it is only opened once within the set value.

5

4. Wiring Diagram



7