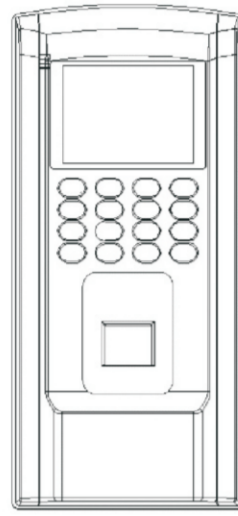


Installation Guide

Version: V1. 2



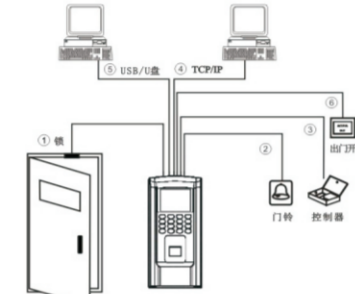
All functions are to the actual product due to the constantly updated products, the company can not promise. The actual technical parameters and this information while not assume because the actual technical parameters and this information does not match. Any dispute resulting from any change without prior notice.

-1-

I. Notes for Installation

1. 3A/12VDC is recommended to supply power for the device. Consult relevant technical personnel for details.
2. Connect to other cables before connecting to power cable. If the device is found not to be operating normally, cut off general power switch before conducting necessary examinations. Caution: All connecting cables with power on may damage the device, and we are not responsible for any such operations.
3. Please read the instruction for connecting terminal and

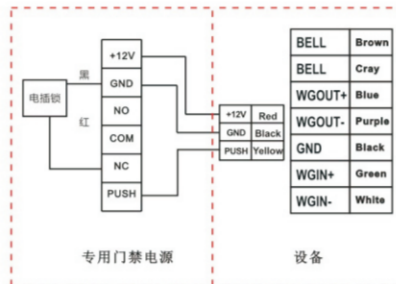
II. Diagram of access control system



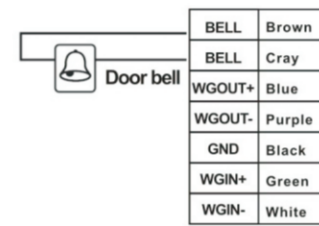
-2-

III. Connect to door lock

1. Power connection diagram for using dedicated access control system



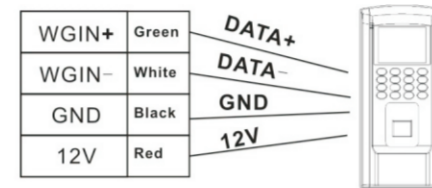
III. Connect to other devices



-3-

V. Wiegand input

This device is equipped with standard Wiegand input, therefore, it can be installed indoors and connected to external reading head outdoors to jointly control electric lock.

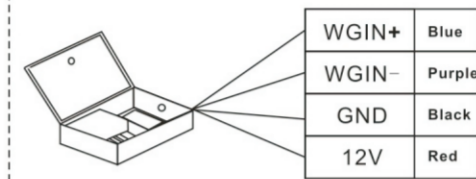


1. The distance between device and access control or between device and card reader should be no more than 60 meters (in case of too long transmission distance or interference affecting operation, it is suggested to use Wiegand signal extender).
2. No matter whether or not the device shares same power supply with access control or card reader, it is necessary to make sure they share ground wire so as to ensure stable Wiegand signal.

-4-

VI. Wiegand output

The device is furnished with Wiegand 26 output, and it can be connected to access control systems of most of manufacturers on the market, and this device is only used as a reader at this time.



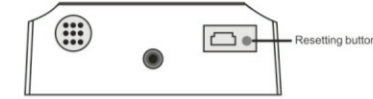
1. The distance between the device and the access control system or reader shall not be over 60 meters (Use a Wiegand signal extender when required; transmission distance is longer or there is interference for the environment for use).
2. Whether a power source is commonly used by the device with an access control system or card reader, the device and the access control system or card reader shall be grounded to ensure stable Wiegand signals.

-5-

VII. Other functions

1. Resetting:

If the device fails to work normally due to wrong operations or other accident faults, use this key for resetting.

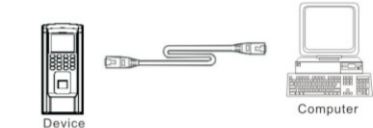


VIII. Communication setting

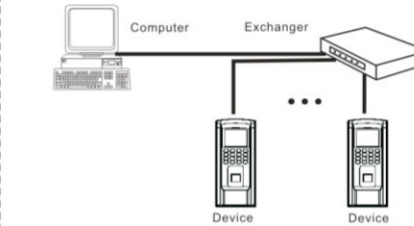
TCP/IP communication

The device can be connected to the computer directly or connected to the computer in the same network in a TCP/IP way.

1. The device is connected directly through a crossing network cable:



2. The device and the computer can be connected to the network through an exchanger/hub:



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User Manual

Quick start:



Press "M" key to enter the interface of main menu, which includes user management, system setting, data management, communication setting, access control setting and system information.

User registration process:

- Step 1: Enter "User management" Step 2: Enter "User registration"



- Step 3: Enter "New Registration"



Note: Set administration authority on this interface

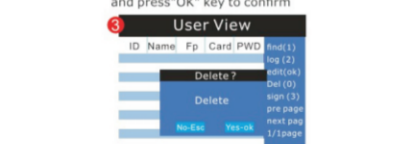
-1-

Process to delete users

- Step 1: Enter "User management" and select "Users browser". Step 2: Enter "Users browser", select the person to be deleted and press "OK" to confirm



- Step 3: Pop out "Delete" interface, and press "OK" key to confirm



How to import & export work schedule ?

Plug in flash drive and press "OK" to view main menu. Press navigation keys to select "settings" and press "OK" again to enter the page for setting. Press "V" to select "export work schedule". Notes: the steps for importing work schedule are the same as mentioned above.

Method 1: Prepare work schedule with Excel (recommended)

Shift No.	Department Name	Morning Shift				Middle Shift				Night Shift				Starting Time of Each Day
		From	To	Attendance Type	From	To	Attendance Type	From	To	Attendance Type	From	To	Attendance Type	
1	Production Department	08:30	17:30	0	17:30	17:30	0	08:30	17:30	0	08:30	17:30	0	08:30
2	Production Department	08:30	17:30	0	18:00	18:00	0	18:00	18:00	0	18:00	18:00	0	18:00
3	Production Department	08:30	17:30	0	18:00	18:00	0	18:00	18:00	0	18:00	18:00	0	18:00

Fill in shift No., starting time and closing time of each shift, attendance type, and starting time of the next day.

-2-

How to upload & download user information sheet ?

Plug in flash drive and press "OK" to view main menu. Press navigation keys to select "user management" and press "OK" again to enter the page for user management. Press "V" to select "export user information sheet". Notes: the steps for importing user information sheet are the same as mentioned above.

Method 1: Prepare user information with Excel (recommended)

User ID	Name	Department	Sex	Access Type	Employee	Password	Card No.
1	Zhang San	Company	M	0	000000	123456789	
2	Li Si	Production Department	M	1			
3	Wang Wu	Market Department	M	0			

Fill in user ID, name, department name, shift No., access right, card No., and fingerprint. All fingerprints are saved in file "AFP-001.DAP", which can be downloaded and uploaded from one machine to another.

-3-

How to set rules for checking attendance ?

Press "MOK" to view main menu. Press navigation keys to select "settings" → "rules for checking attendance" and press "MOK" again to enter.

1. Press "▲" to move cursor into the field and press "OK". Press numeric key to set value;
2. "Registration free" is a function allowing the enterprises to check work attendance flexibly. The setting depends on actual situation of the enterprises.

How to download attendance record for review ?

Press "MOK" to view main menu. Press navigation keys to select "attendance record" and select file format for downloading the record:

Data management:

Press "M" key to enter the interface of main menu, press page down key to enter data management, and press "OK" key to enter data management interface

Access control setting

Press "M" key to enter the interface of main menu, press page down key and select access control setting, and press "OK" key to enter access control setting interface

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Compliance certificate

Name of product: _____
 Model of product: _____
 Serial number: _____
 Date of manufacture: _____
 Inspector: _____

Warranty card for products

Name of product: _____
 Model of product: _____
 Sales date: _____
 Name of distributor: _____
 Tel of distributor: _____
 Address of distributor: _____
 Name of customer: _____
 Contact phone: _____
 Address of customer: _____
 Cause for fault: _____

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Notes for warranty repair

To safeguard your interests and free you from after-sales trouble, we provide one year's warranty services of good quality.

1. Within the warranty period, if any electronic fault occurs, warranty repair will be available against the warranty card and the invoice.
2. For any repair or change of any product due to its fault (no external damage of the product), we will send out the substitute within 15 days after receiving the product.
3. The following cases are not within the warranty scope: The user alters or changes serial number of the product or the machine; Any damage of product used in the environment not complying with conditions for using it; Any damage of product due to poor transportation. The product is repaired or dismantled by the personnel not authorized by the company or a professional.
4. The following circumstances will be charged according to actual conditions (material cost will be charged additionally): Within or beyond the warranty period or beyond service contract: Any fault or damage as a result of acts of the God such as earthquake, fire or flood; Any fault as a result of improper use (such as power source).

Excellent quality Excellent service

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