

Professional Face Access Control System Manual

Thank you for using our product. It is adopted the latest biometric identification solution and ARM processor with high-speed stability. The recognition, speed and other performance index of the product has reached the peel-leading level, which meets your requirements of safety, efficiency and reality.

- As to all the performances and parameters, due to the continuous improvements of the product, the actual product shall govern and any modifications will not give a prior notice. The actual product may differ from the manual, but our company will not bear any responsibilities incurred by the discrepancies between the technical parameters and the manual.
- The functions marked by ★ in the manual could not apply to all the products, and the actual product shall govern.
- The instruction of the pictures in the document: maybe there is inconsistency between the image and the actual product, but the actual product shall govern.

Recommended using steps:

Step 1: Unpack the box to check the equipment and power it on. Check whether it is normal or not and then install it.

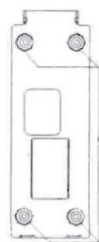
Step 2: Register user's basic information and face identification.

Step 3: Set the equipment and time attendance, access control parameter.

Step 4: Arrange the time attendance and access control regulations for the staff.

Step 5: Download the report about attendance and access control situation at the end of a month.

1. Install Access control Machine



Install back panel on the wall first

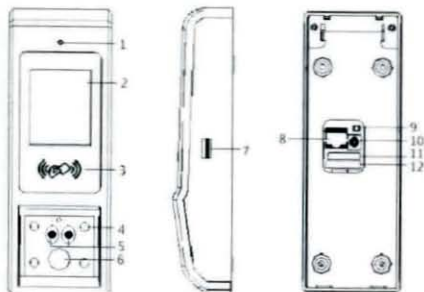


set up the equipment and lock the screws up

Installation Steps:

- The ground clearance of wall mount is 110MM referring to the machine's bottom.
- Locating punching: remove two screws from the bottom of access control machine, take down the wall board. According to the bore position of the board, draw and beat four circle holes on the wall.
- Fix the wall-hanging board: put the expansion bolts into the holes, place the board at the right position of area and finally hammer the screws into the bolts for fixing location.
- Fix device: install the access control device, and fix the screw in the device bottom
- Power on: please power on device and plug in the network cable if permitted. The attendance machine will start up automatically with power supply.

2. Tips for the Equipment



- | | | |
|--|-------------------------------------|-------------------------------|
| 1: Indicator light | 2: Main screen | 3: Swiping card area |
| 4: LED | 5: Camera | 6: Infrared lamp |
| 7: U-disk interface | 8: Network port | 9: Clear administrator button |
| 10: 12V power interface | 11: Weigand communication interface | |
| 12: access control interface for door lock | | |

On the initial interface, user is verified through face identification, card and password, after verified successfully, the equipment will record.

Verification Mode:

- Face verification

Stand in front of the machine and face the camera until a locked green box of user's face appears. It starts to verify and ends up with the voice prompt "Thank you". Arriving late and leaving early, the device appear the correspondent voice prompt.

- Password verification

Press the button "■" in the top right corner on the initial interface, input the requested employee ID number, press "Enter Key" and enter the password again for confirmation. The prompt "Thank you" means successful verification, while "Di Di" points out the wrong password and the necessity to repeat the same steps above.

- Card Verification

Swipe the card directly at the swiping area on the initial interface. The prompt "Thank you" means successful verification, while "Di Di" points out the unrecognized card and the necessity to confirm whether the card is registered or not, and repeat the same steps above.

3. Menu Introduction

Press the menu button "☰" in the top left corner of the screen, and then it will enter the menu operation as the following picture:



- **User Management**: include two menus -- add user and delete user. It can register new users or delete former employees.
- **Equipment Setting**: include basic setting, advanced setting, communication setting, access control setting, power management, record setting and all kinds of parameter setting.
- **U-disk Management**: provide U-disk download or upload for staff information, record on staff card-swiping verification and administrators' management record machine operation.
- **Data Query**: provide current staff registration information, clocking-in record and query for machine's factory information.

Menu Introduction

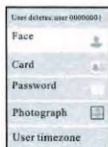
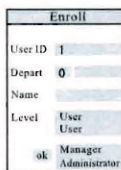
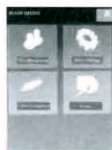
User Management	Add user		
	Delete user		
Equipment Setting	Basic Setting	Language Setting	English/Chinese / Traditional Chinese
		Voice Prompt	Yes/No
		Volume Adjustment	1-10
		Attendance Period Setting	
		Ring Setting	
		Ring Frequency	
		White LED Lamp Begins	
		White LED Lamp Ends	
	Advanced Setting	Verification Mode	Face / Card / Password
		Time Setting	
		Proxy work setting	No/ Yes
		Proxy work input Time	3 seconds
		Photo Setting	No Display/ Display / Real-time
		Administrators Amount	5
		Firmware Upgrade	
		Factory Reset	
		Delete All Verification Record	
		Delete All Management Record	
		Delete All Registration Record	
	Power Management	Sleep	No/ ()
	Communication Setting	Machine No.	
		TCP/IP	Dynamic IP Allocation
			IP Address
			Subnet Mask
			Gateway Address
			MAC Address
		WiFi	★
		Port No.	5005
		RS485 Communication Speed	
		Communication Password	No/ ()

	Communication Setting	Record Sending Mode	No/(TCP/IP)
		Back-stage IP Address	★
		Back-stage Port No	★
		Ping Command Cycle	50 seconds
	Record Setting	Alarm at	50
		Management Record	
		Alarm at Verification Record	500
		Verification Repeating Time	3 minutes
	Access Control Setting	Time Period Setting	
		Lock-driving Duration	5 seconds
Equipment Setting	Access Control Setting	Door Sensor Delay	20 seconds
		Door Sensor Switch	Normally Open / Normally Close
		Duress Alarm Setting	
		Tamper	No/Yes
	Self-checking Function	Wiegand format	WG 34/26
U-disk Management★		Download Verification Record	
		Download All Verification Record	
		Download Management Record	
		Download All Management Record	
		Download User Information	
Data Query		Upload User Information	

4. Registered User Information

① Register Face mode

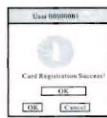
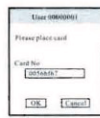
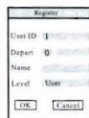
Press the menu button“★” in the top left corner to enter the menu→User Management
→User Registration → Choose employee ID No. and permission (it can enter the name
by T9 inputting) → Choose face identification



It requires the face show in the centre of the screen. The camera detect and collect information automatically as soon as. When the progress bar at the top of screen is full, it means that register successfully

⑤ Proximity Card Registration (the same procedure as Password Registration)

Press the menu button“★” in the top left corner→User Management → User Registration → Choose employee ID No. and permission (it can enter the name by T9 inputting) → Choose card (or password)



When the screen gives tips to swipe card, just swipe the ID/IC Card at the swiping area , it will show ID/IC Card Number after successfully . Please press “OK” for confirmation. If the card number has already been registered, it will prompt the repeated Card No.

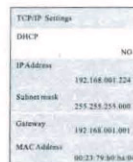
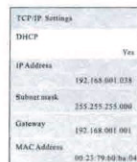
5. Equipment Communication Method

Off-line Mode : Just Power the machine on. The data exchange is done only via U-disk without computer connection.

Ethernet Mode via concentrator (switchboard, Router); connect the equipment into LAN

Press the menu button“★” in the top left corner → Equipment Setting → Communication Setting→TCP/IP Setting

Please set according to the method below:



Method 1: Automatic IP Allocation

Revise the state of Dynamic IP Allocation into “Yes”, press the backspace key to exit and plug the network

Then check the IP Address in TCP/IP setting and confirm whether the IP Address appears as 192.168.XXX.XXX. If not, it means the machine fails to obtain the IP Address. Please restart the machine or Router.

Method 2: Manual Operation for IP Allocation

Revise the state of Dynamic IP Allocation into “No”

The default IP Address of the machine is 192.168.1.224, which can be changed as needed.

The default subnet mask is 255.255.255.0, which can be changed as needed.

The default gateway address is 192.168.1.0, which can be changed as needed.

The default port value is 5005, which cannot be changed by user.

MAC Address: each machine has its exclusive MAC Address, which cannot be changed by user.

Lock Control

