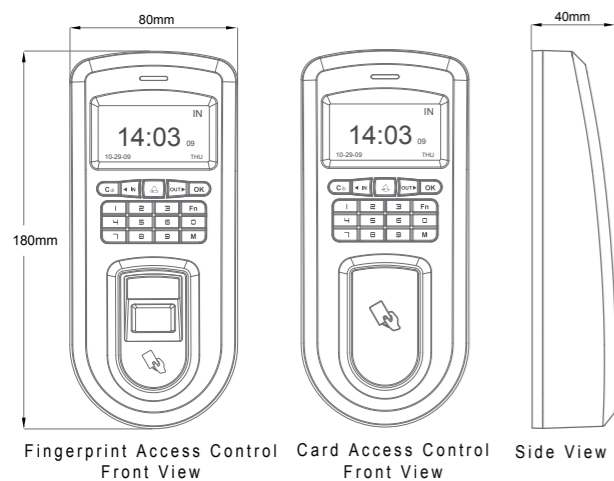


PROFESSIONAL ACCESS CONTROL

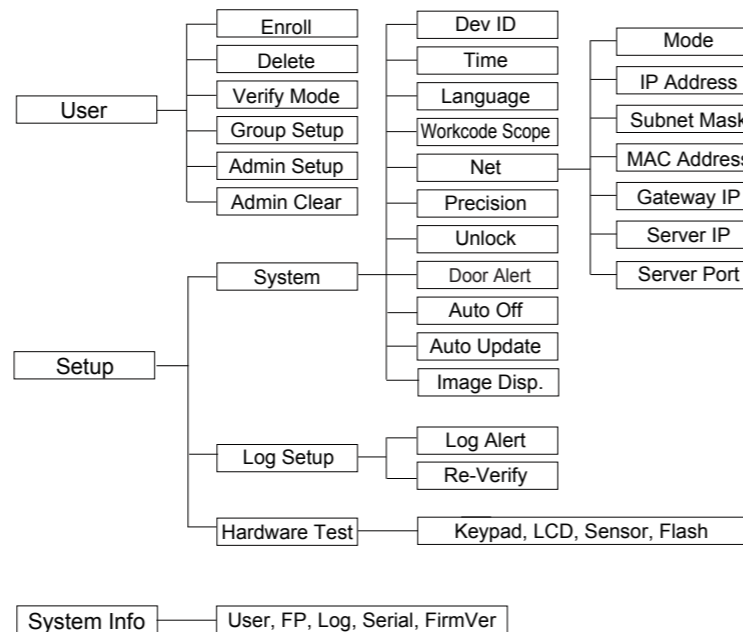
Appearance



M	Menu Key Enter System Management Menu	C	Cancel/Power Key Exit/Cancel the Present Operation Power on/Power off
Fn	Workcode Setup Key	IN	State Key(Clock In)/Up
0-9	Num. Keys Enter Employee ID or Password	OUT	State Key(Clock Out)/Down
		OK	Confirm Key Confirm Present Operation

Menu List

Press [M] key to enter system management menu
(It requires the administrator authorization if there is admin registered in the system) Menu List:



Other Setup

Verify Mode: M→[User]→[OK]→[Verify Mode]→[OK]→[OK]→Input employee ID→[OK]→
Use [←IN]/[OUT] to select 'ANY/RF+FP/PW+FP/RF+PW/ID+FP'→[OK]→[OK]

Item	Explanation
Any	Fingerprint only, Card only or ID+Password
RF+FP	It requires both Card and Fingerprint verification together
PW+FP	It requires both Password and Fingerprint verification together
RF+PW	It requires both Card and Password verification together
ID+FP	Enter the user ID firstly then verify the fingerprint
Factory default setting	Any

Group Setup: M→[User]→[OK]→[Group Setup]→[OK]→[OK]→
Input employee ID→[OK]→Input the group ID→[OK]→[OK]

Item	Explanation
G00	The user in Group00 can not open the door
G01	The user in Group01 can open the door anytime
G02-16	It is according to the Group & Time zone setting which can be set through the software
Factory default setting	G01

Tips: Group setup is used for managing the access control privileges. Each group can contain 4 time zones

Dev ID: M→[Setup]→[OK]→[System]→[OK]→[Dev ID]→[OK]→
Input the device's ID→[OK]→[OK]

Item	Explanation
1-99999999	Device ID of the unit which is required in software communication
Factory default setting	1

Tips: It doesn't allow duplicate Device ID in one LAN. Otherwise, it will cause software communication error.

Language: M→[Setup]→[OK]→[System]→[OK]→[Language]→[OK]→
Use [←IN]/[OUT] to select ENG/FRCH/GERM/...→[OK]→[OK]

Item	Explanation
Language	Contains 11 languages: ENG(English), FRCH(French), GERM(German), SPAN(Spanish), PTG(Portuguese),ITA(Italian) BULG(Bulgarian), SLVK(Slovak), HUNG(Hungarian),SLVN(Slovenian), TURK(Turkish)
Factory default setting	Related Language

WorkCode: M→[Setup]→[OK]→[System]→[OK]→[WorkCode Scope]→[OK]→
Input Max→[OK]→Input Min→[OK]→[OK]

Item	Explanation
0-999999	Valid scope for the Workcode
Factory default setting	Max 999999 Min 0

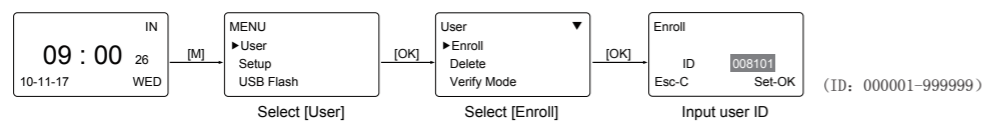
Tips: WorkCode indicates the work type, easily distinguishes which attendance record is related to which work type.

Net: M→[Setup]→[OK]→[System]→[OK]→[Net]→[OK]→to select [Mode/IP Address/Subnet Mask /MAC Address/Gateway IP/Server IP/Server Port]→[OK]→Modify parameters→[OK]

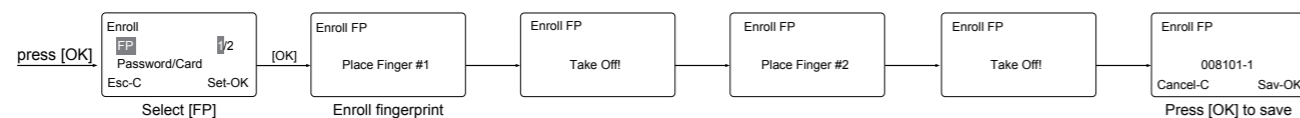
Item	Explanation	Factory default setting
Mode	TCP/IP Server mode: Common networkmode TCP/IP Client mode: Only communicate with the PC which has server IP	Server Mode
IP Address	Set access control IP address when communication of TCP/IP, IP address must be idle fixed IP address	192.168.0.218
Subnet Mask	Subnet Mask of the LAN	255.255.255.0
MAC Address	Physical address of network card, world unique, can't be changed randomly	
Gateway IP	Default Gateway of the LAN	192.168.0.1
Server IP	It is the IP address of managing PC when set TCP/IP communication under "Client Mode", this address must be set	192.168.0.7
Server Port	It's the software port number when access control is under TCP/IP communication	5010

Operation Guide

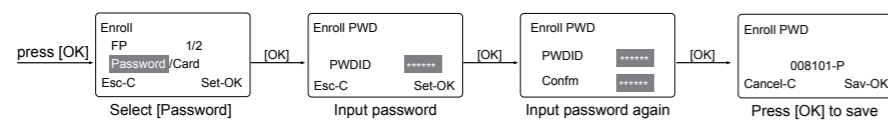
1 Enroll User: Each user could register two fingerprints, one password and one card



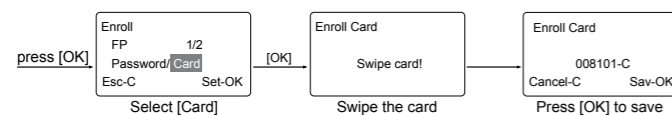
• Enroll Fingerprint: Place finger on the sensor twice to enroll fingerprints



• Enroll Password: Password length: 000000-999999



• Enroll Card:



2 Admin Setup: Admin(Administrator) has all the privileges of the reader. Please pay attention to the admin setup

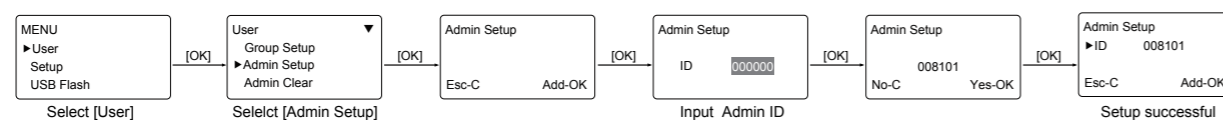
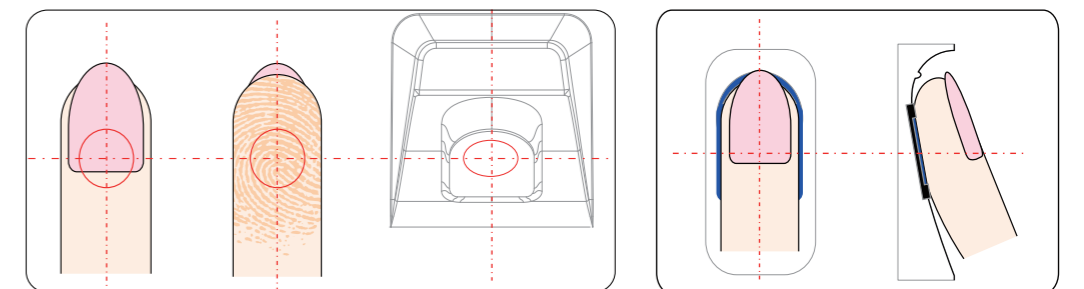
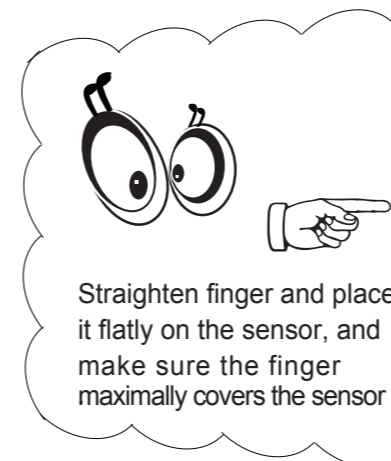


Illustration for placing fingerprint

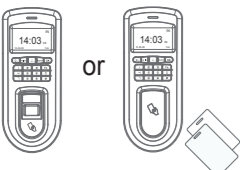
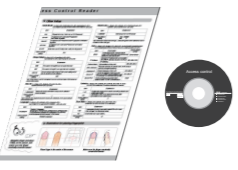

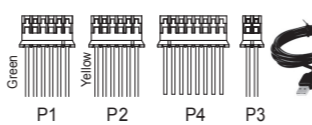


Place finger in the center of the sensor

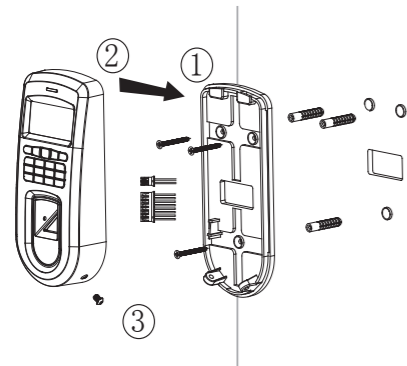
Make sure the finger maximally covers the sensor

PROFESSIONAL ACCESS CONTROL

Package List

- 1 Access Control

- 2 Instruction Package

- 3 Accessory Package

- 4 Connector Jack


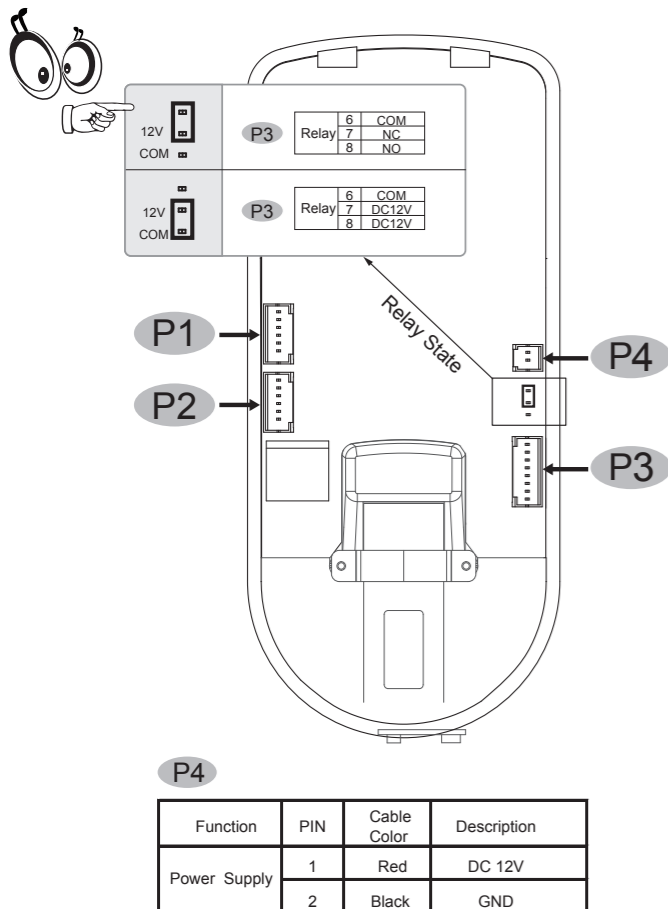
Installation Diagram



Installation Step

- 1 Drill holes in the wall follow the hole position on back panel
- 2 Install and fix back panel, connect related cables
- 3 Fix access control

Wiring Instruction



P1

Function	PIN	Cable Color	Description
Wiegand Output	1	Green	Wiegand DATA Output
	2	White	Wiegand DATA Output
	3	Black	GND
Wiegand Input	4	Yellow	Wiegand DATA Input
	5	Purple	Wiegand DATA Input
	6	Black	GND

P2

Function	PIN	Cable Color	Description
Data Cable	1	Yellow	RS 485 (A+)
	2	Purple	RS 485 (B+)
	3	Black	GND
	4	Orange	
	5	Black	
	6	Blue	

P3

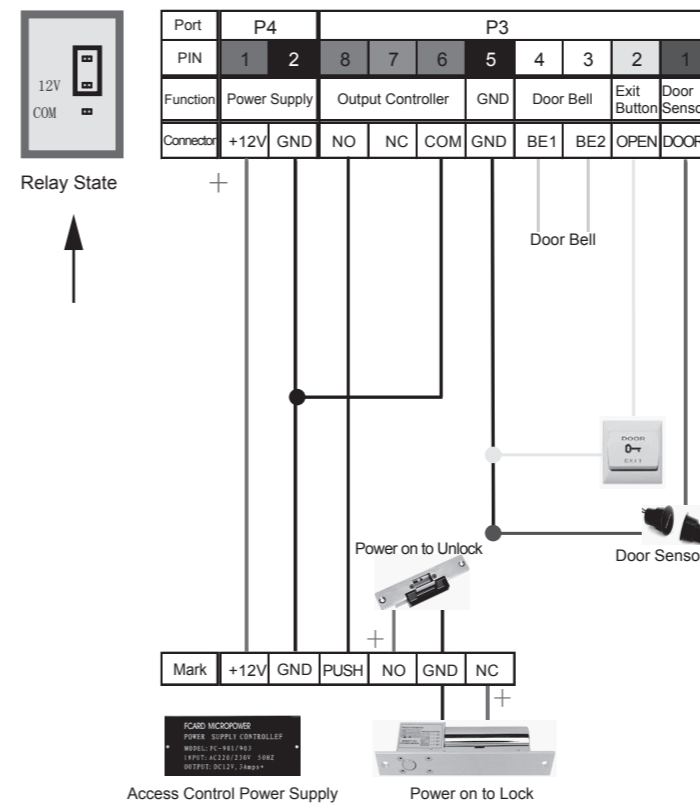
Function	PIN	Cable Color	Description
Door Sensor	1	Purple	Trigger Input
Exit Button	2	Yellow	Trigger Input
Door Bell	3	White	Trigger Input
	4	White	Trigger Input
GND	5	Black	GND
Relay	6	Green	COM
	7	Orange	NC / DC12V
	8	Blue	NO / DC12V

P4

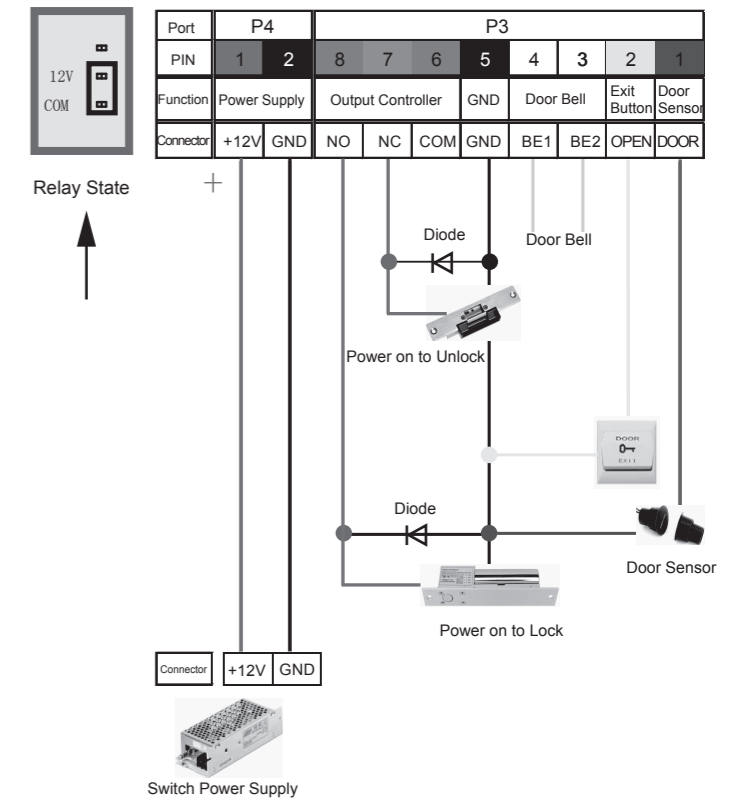
Function	PIN	Cable Color	Description
Power Supply	1	Red	DC 12V
	2	Black	GND

Important notice: Please strictly follow this wiring diagram, if the access control is broken due to incorrect cable connection, it is not covered in warranty scope

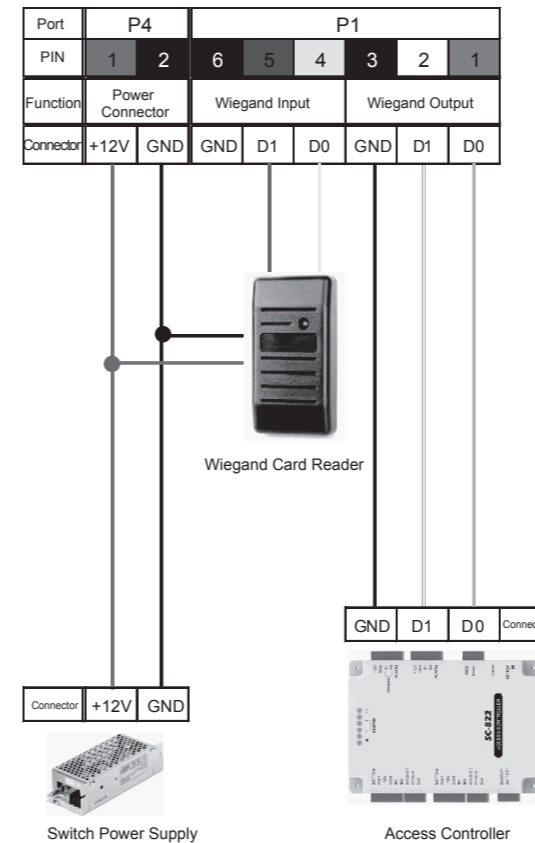
Access Control & Power Supply



Access Control & Switch Power Supply



Access Control & Controller



Communication with PC

