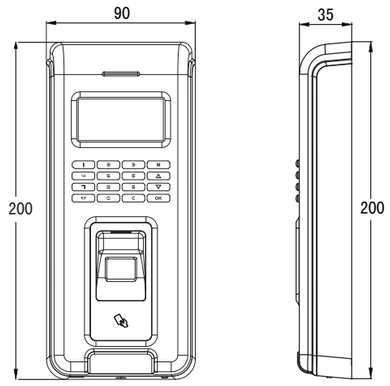
T60 Proffession Access Control Reader

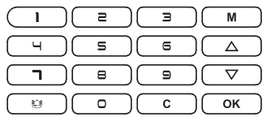
V1.1

Reader Appearance



Fingerprint Access control
Front View

Side View



M : Menu Key
Enter System Management Menu

▲ : State Key(Clock In)/Up

▼ : State Key(Clock Out)/Down

C : Exit/Cancel the Present Operation
Workcode

OK : Confirm Key
Confirm Present Operation

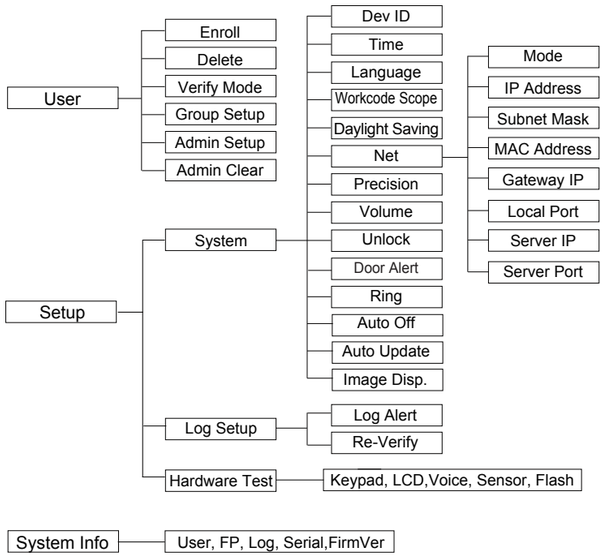
0-9 : Num. Keys
Enter Employee ID or Password

△ : Door Bell Key

Menu List

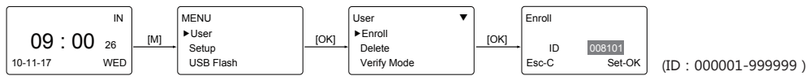
Press [M] key to enter system management menu.

(This requires the administrator authorization if there is admin registered in the system.) Menu List:



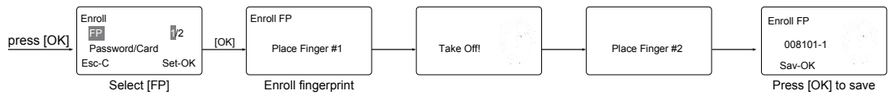
Operation Guide

1 Enroll User: Each user can register two fingerprints, one password and one RFID card.



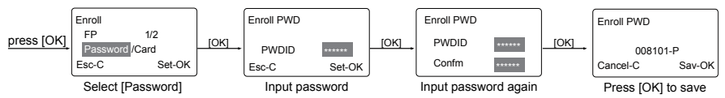
Select [User] Select [Enroll] Input user ID (ID : 000001-999999)

- Enroll Fingerprint: Place the same finger on the sensor twice in a row to enroll fingerprints.



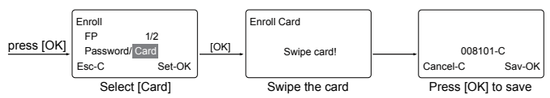
Select [FP] Enroll fingerprint Press [OK] to save

- Enroll Password: Password length: 000000-999999.



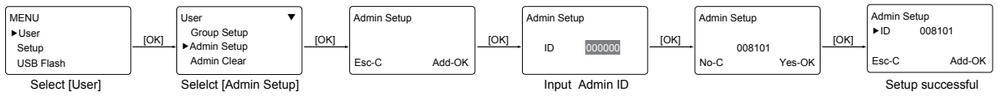
Select [Password] Input password Input password again Press [OK] to save

- Enroll Card :



Select [Card] Swipe the card Press [OK] to save

2 Admin Setup: Admin(Administrator) has full access permissions to the device. It is recommended to assign a minimum of two administrators to each unit.



Select [User] Selelct [Admin Setup] Input Admin ID Setup successful

Other Setup

Verify Mode:

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

Group Setup:

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:

Item	Explanation
NULL-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. Then ID as "NULL" must adopts last 8 digit of the serial number for software communication.

Language:

Item	Explanation
Languages	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:

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:

Item	Explanation	Factory default setting
Mode	TCP/IP Server mode: Common network mode TCP/IP Client mode: Only communicate with the PC which has static IP	Server Mode
IP Address	Set terminal IP address when communication of TCP/IP, IP address must be a static IP address	192.168.0.218
Subnet Mask	Subnet Mask of the LAN	255.255.255.0
MAC Address	Unique Physical address of the network moudle. This setting can not be modified.	
Gateway IP	Default Gateway of the LAN	192.168.0.1
Server IP	The IP address of the Sever Machine when using Client Mode TCP/IP communication.	192.168.0.7
Server Port	It's the Software Port number used when the read is configured for TCP/IP communication	5010

Unlock:

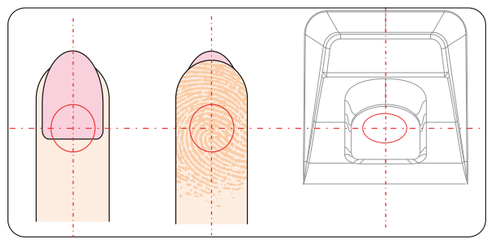
Item	Explanation
1-15	The duration of the audible alarm to notify employees of events. (Lunch, break, Off Duty)
No	It generates a door close signal immediately after it generates the door open signal
Factory default setting	5

Door Alert:

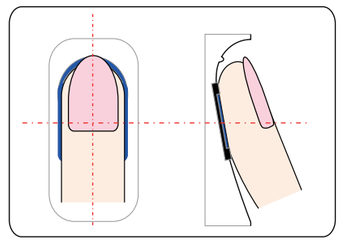
Item	Explanation
1-99	It generates the door open alarm signal if the door open time is longer than the preset value
No	Disable the door open alarm
Factory default setting	15

Place finger straight and flat on the sensor. Insure maximum sensor coverage.

Illustration for placing fingerprint



Place finger in the center of the sensor.



Place finger on the sensor surface

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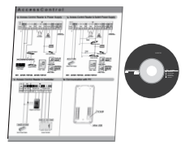
Package List

1 Reader

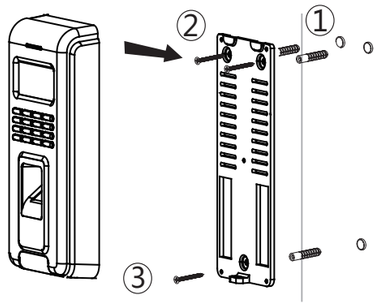
2 Instruction Package



3 Accessory Package

4 Connector Jack

Installation Diagram



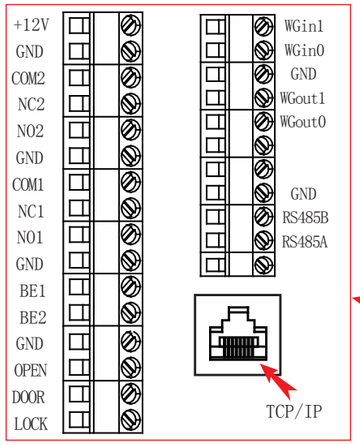
Installation Step

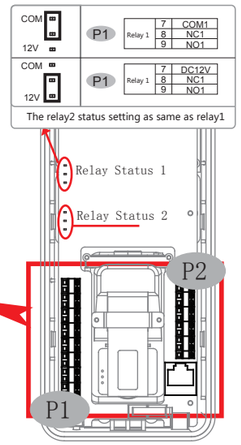
① Drill holes in the wall follow the hole position on back panel

② Install and fix back panel, connect related cables

③ Attach access control reader

Wiring Instruction





P1

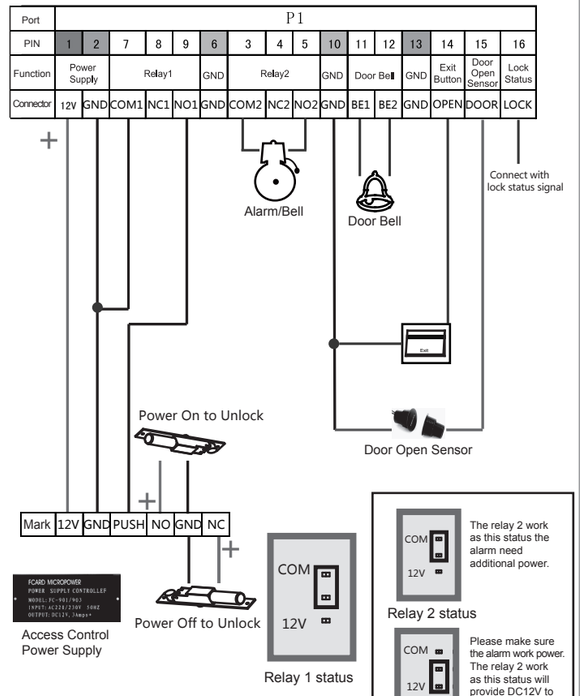
Function	PIN	Description
Power	1	DC12V
	2	GND
Relay2	3	COM2
	4	NC2/DC12V
	5	NO2/DC12V
GND	6	GND
Relay1	7	COM1
	8	NC1/DC12V
	9	NO1/DC12V
GND	10	GND
Door Bell	11	Trigger Output
	12	Trigger Output
GND	13	GND
Exit Button	14	Trigger Input
Door Sensor	15	Trigger Input
Lock Status	16	Trigger Input

P2

Function	PIN	Description
Wiegand Input	1	Wiegand DATA1 Input
	2	Wiegand DATA0 Input
GND	3	GND
Wiegand Output	4	Wiegand DATA1 Output
	5	Wiegand DATA0 Output
RS485	6	GND
	7	RS485(B-)
	8	RS485(A+)

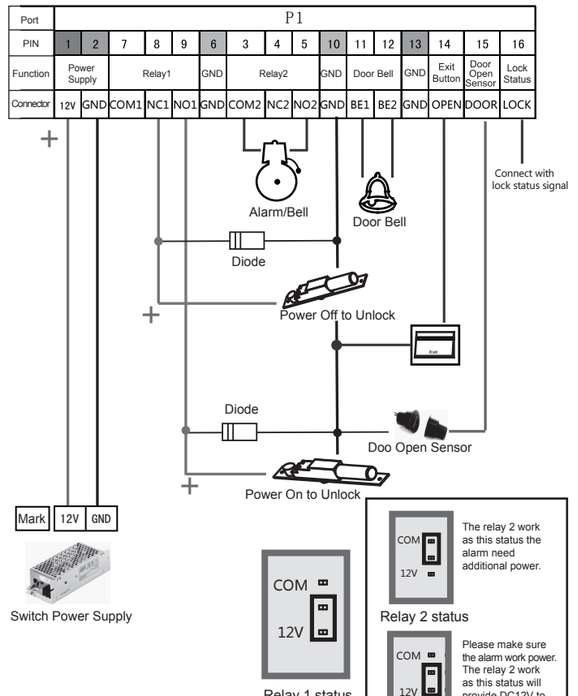
Important notice: Please follow the wiring diagram as it is displayed. Damaged products due to improper wiring are not covered under the product warranty.

Access Control Reader & Power Supply



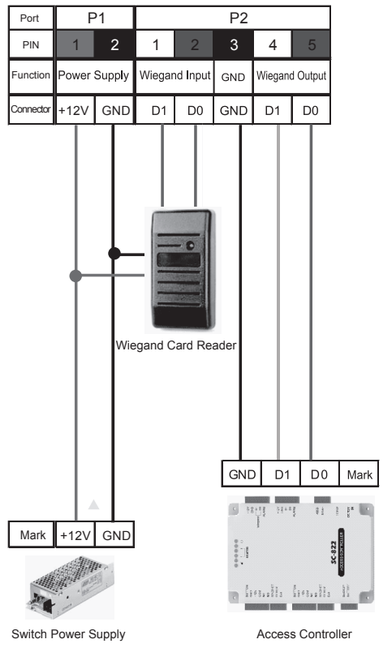
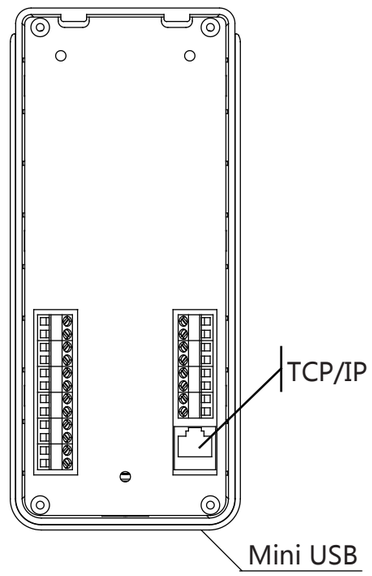
Relay1 use for direct lock control, relay2 only for schedule bell.

Access Control Reader & Switch Power Supply



Relay1 use for direct lock control, relay2 only for schedule bell.

Access Control Reader & Controller



Communication with PC