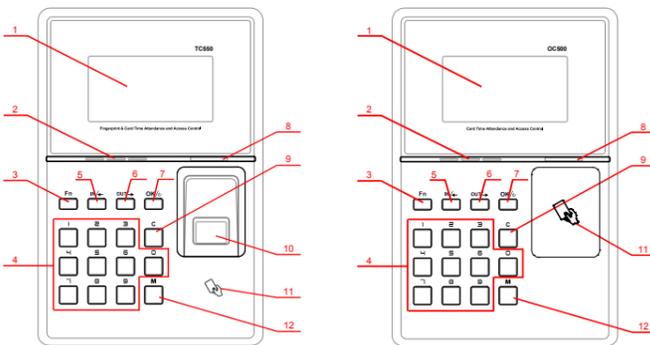


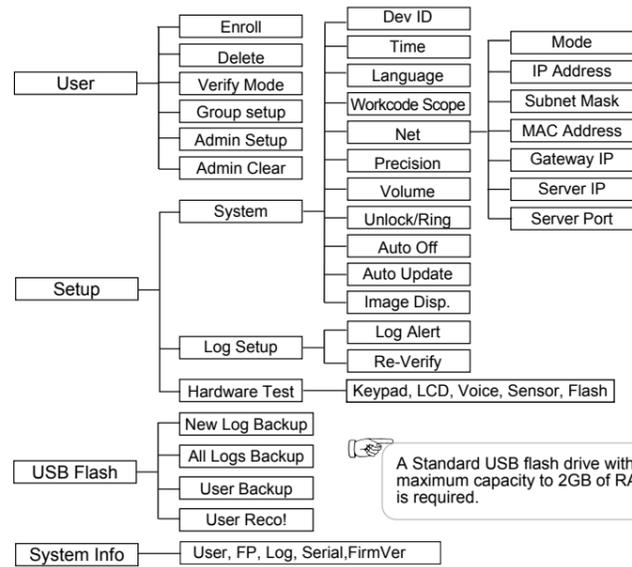
Product Appearance



- 1.LCD
- 2.Loudspeaker
- 3.FN key
- 4.0-9 Num. Key
- 5.State Key(Clock In)/Page Up
- 6.State Key(Clock Out)/Page Down
- 7.Confirm/Power Key
- 8.LED
- 9.Delete/Exit key
- 10.Fingerprint Sensor
- 11.Swipe Card Area
- 12.Menu Key

Menu List

Press [OK] about 3 seconds to turn on the device, press [M] key to enter the system menu. Menu list:



A Standard USB flash drive with a maximum capacity to 2GB of RAM is required.

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 only |
| ★ 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 first, 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. The default setting: G01.

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

| Item | Explanation |
|-------------------------|---|
| 1-9999999 | Device ID of the unit which is required in software communication |
| Factory default setting | 1 |

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

| 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 module. 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 |

Precision, Volume, Auto off, Auto Update, Image Disp., Log Alert, Re-Verify

| Item | Explanation |
|-------------|---|
| Precision | Set terminal fingerprint matching precision. 0-[Normal], 1-[Good], 2-[Exact]. |
| Volume | Set the terminal voice volume. 0-[mute], 5-[Max]. |
| Auto off | Set the time duration for an idle clock to go into sleep mode. No-[Not Off], 250min-[Max Time]. |
| Auto Update | Auto update means the previous lower quality fingerprint template will be automatically replaced by the new higher quality one during fingerprint verification. |
| Image Disp. | Choose to display the fingerprint image on the screen during the verification process. [Yes] - show fingerprint image, [No] - not show fingerprint image |
| Log Alert | The terminal will alarm when the memory capacity is less than the [Log Alert] value.[No]-Not alarm, Max. value 5,000. |
| Re-Verify | The duration of time in which the terminal will ignore repeated attempts for authentication. [No]: Disable the function; Max. value is 250 min. |

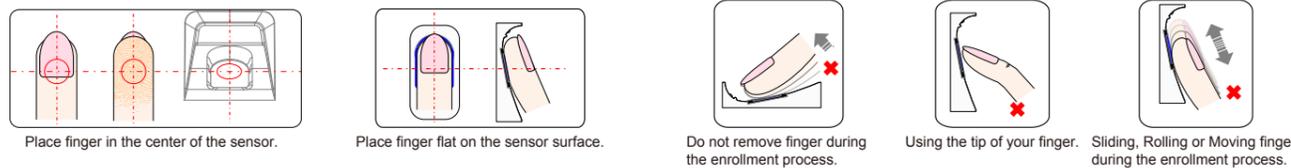
Language: M→[Setup]→[OK]→[System]→[OK]→[Language]→[OK]→Use [IN /]/[OUT /] to select ENG/FRCH/GERM/...→[OK]→[C]→[OK].

| 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 |

Illustration for placing finger

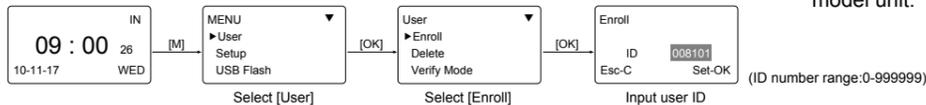
Correct method :

Incorrect method :

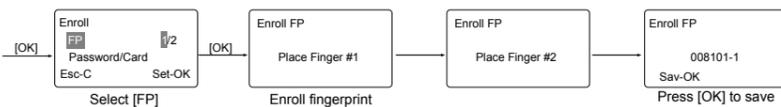


Operation Guide

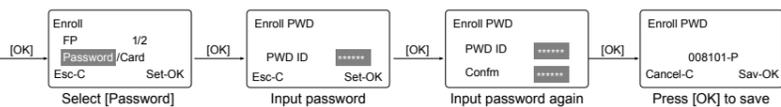
Enroll User: Each user can register two fingerprints, one password and one card. (The function with ★ mark in the menu is for the specific model unit. Please follow as actual product's menu.)



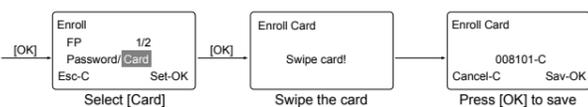
Enroll Fingerprint ★: Place finger on the sensor twice to enroll fingerprints.



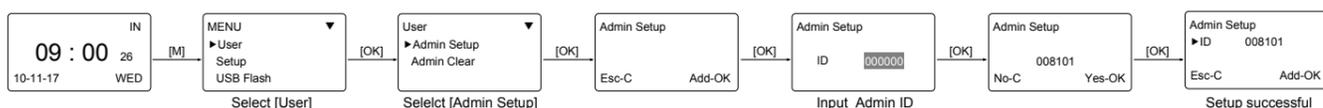
Enroll Password: Password length: 0-999999.



Enroll Card:



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



Wiring Diagram

