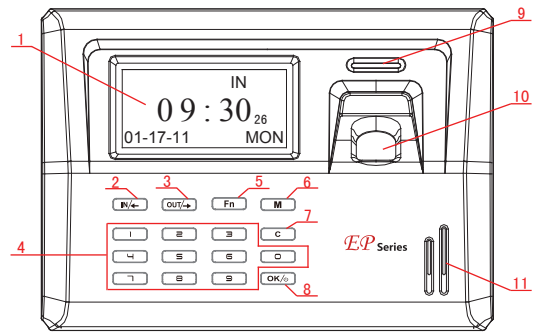


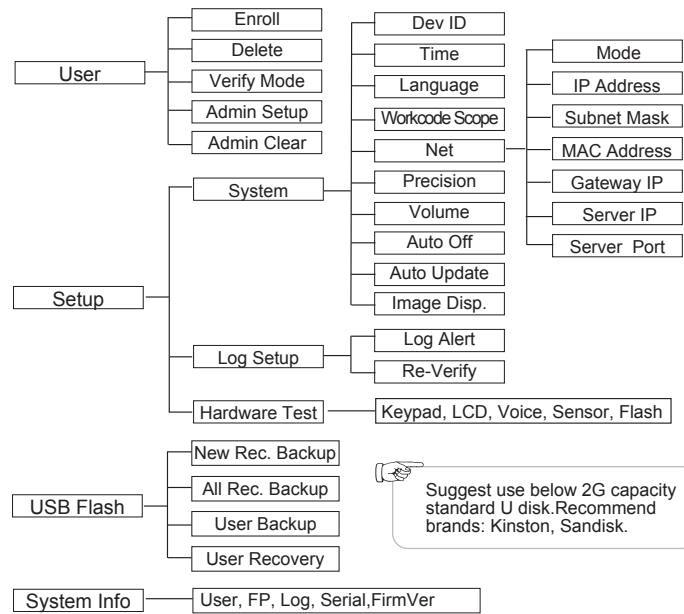
Product Appearance



- 1. LCD
- 2. State Key(Clock In) Page Up
- 3. State Key(Clock Out) Page Down
- 4. 0-9 Num. Key
- 5. FN key
- 6. Menu Key
- 7. Delete/Exit key
- 8. Confirm/Power Key
- 9. LED
- 10. Fingerprint Sensor
- 11. Loudspeaker

Product Appearance

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



Other Setup

Verify Mode:

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

Language:

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

Net: ★

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

Dev ID:

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.

WorkCode:

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

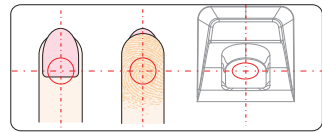
Tips: WorkCode indicates the work type. easily distinguishes which attendance record is related to which work type.

Precision. Volume. Auto off. Auto Update. Log Alert, RE-Verify

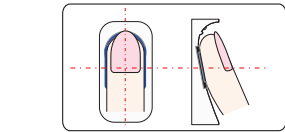
Item	Explanation
Precision	Set terminal fingerprint comparison precision. 0-[Low], 1-[Normal], 2-[High].
Volume	Set the terminal voice volume. 0-[mute], 5-[Max].
Auto off	Set the time duration from the last operation to the dormant state No-[Not Off], 250min-[Max Time].
Auto Update	Auto update means the previous lower quality fingerprint template will be automatically replaced by the new higher quality one during fingerprint verification
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	Set a period during which time the system only save the first successful record and do not save the repeated records. [No]: Disable the function; Max. value is 250 min.

Illustration for placing fingerprint

Correct method :

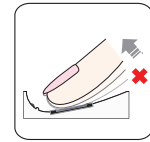


Place finger in the center of the sensor.

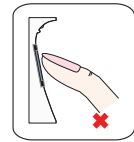


Place finger flatly and smoothly on the sensor.

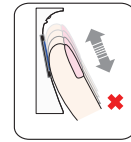
Caution:



Do not take off finger during the process of fingerprint verification.



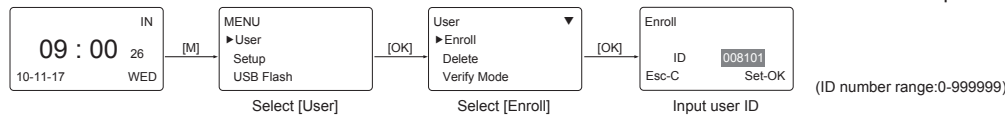
Do not use fingertip.



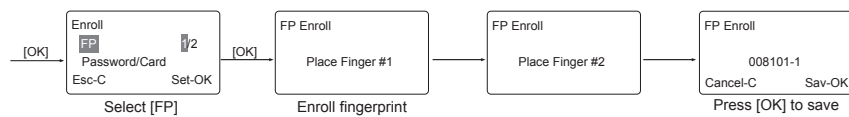
Do not slide finger during the process of fingerprint verification.

Operation Guide

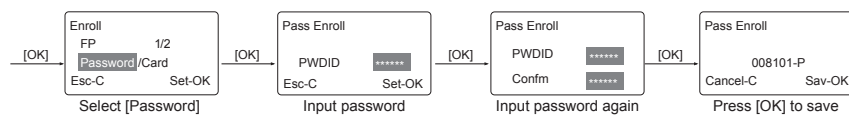
Enroll User: Each user could register two fingerprints, one password. (The function with ★ mark in the menu is for the specific model unit. Please follow with Actual product's menu.)



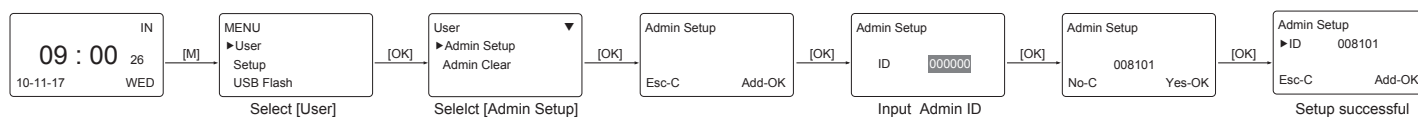
Enroll Fingerprint: Place finger on the sensor twice to enroll fingerprints.



Enroll Password: Password length: 0-999999.



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



Wiring Diagram

