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# Chapter One - V2.0 Introduction

## 1. Interface Introduction

### 1.1 Standby Mode

Standby screen display when the machine is connects to electric power as Fig. 1.



(Fig. 1)

### 1.2 Keypad & Connection Port

#### 1.2.1 Keypad (Fig. 2)

1	2 ABC	3 DEF	ESC
4 GHI	5 JKL	6 MNO	MENU
7 PQRS	8 TUV	9 WXYZ	▲
☉ Mode	0__	OK	▼

(Fig

2)

#### Index

Keypad 0 – 9      input number, alphabet or select menu options  
                          "0"= space

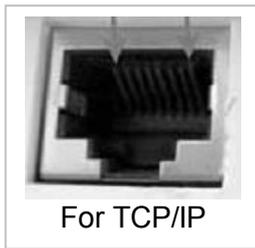
ESC                Exit

- MENU                      Enter Menu Status
- OK                         Enter (Confirm)
- ▲                         Cursor Upward
- ▼                         Cursor Downward
- Select Phonics, Alphabets or Numbers

**1.2.2 Connection Port**

Connection port depends on features selected. Full features as below :

(TCP/IP, USB Direct cable host & USB flash drive host)



DC	O/I	4P(back)	USB	MINI USB
Power Supply	On / Off Switch	For TCP/IP	For USB flash drive	For USB Cable

**1.3 “MENU”**

Under standby situation, press “MENU” to enter the menu mode.

Use “▲”“▼” to select and press “OK” to enter or directly press the number key to enter the program as Fig. 3 a - d

<b>Menu</b>			
1. Register	2.Set Comm	3.Set time	4.Advanced
5.Set log	6.Set bell	7.Sys info	8.Dev Info

(Fig. 3 )

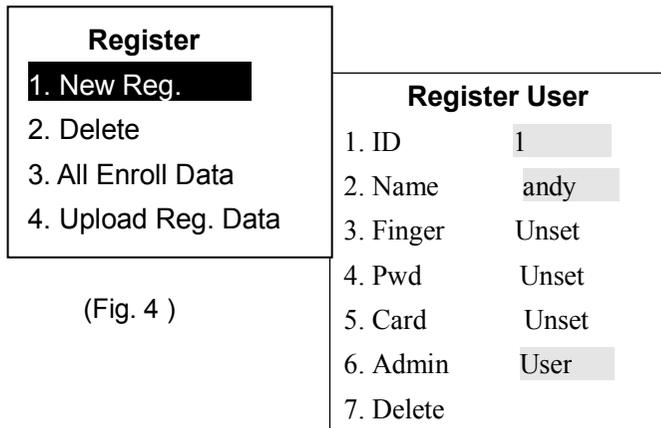
## Chapter Two V2.0 - Menu Operation Guide

### 2.1 Register

Through this section to Register User, View User &delete User

### 2.1.1 Register User

Enroll new user :



(Fig. 4 )

Each User can register Fingerprint (Fig. 5a) or Password (Fig. 5b) or ID Card

1. Select or input the staff ID number.  
(ID number within 1-999999999)
2. Selete the “Name” item to Input the staff name by the keyboard.
3. Selete the “Finger” item to Register Fingerprint, you must press the same finger three times.
4. Selete the “Pwd” item to Register Password, you must input the password number two times.
5. Selete the “Card” item to Register Card, swipe the cade close to the induction zone.
6. Selete the “Admin” item to set the staff Privilege.
7. Selete the “Delete” item to delete the user.

#### Index :

ID	1	Staff ID number
Name	andy	Showing the current staff name, edit the Name by pressing key.

Finger	Uset / Set	Already registered 1 fingerprint, can register Maximum 10 fingerprint directly from here.
Password	Uset / Set	No password setting for this staff, can register new password or re-write password directly from here. Once setting, it will show "Set".
ID Card	Uset / Set	No ID Card setting for this staff, can register new ID Card directly from here. Once setting, it will show "Set". Maximum 1 ID Card can be set.
Admin (Privilege)	User/Admin	Showing the current status of this staff, Initial setting is User for all registers, press OK to change to Admin if necessary.

### **2.1.2 Edit User**

Select the "Register"→"New Reg.", and choose the stuff to edit staff name and press OK

Register	
New Reg.	
Andy	

Register User	
1. ID	1
2. Name	andy
3. Finger	Unset
4. Pwd	Unset
5. Card	Unset
6. Admin	User
7. Delete	

(Fig. 5)

### 2.1.3 Delete User

Through this section to delete the user.

Select or input the staff ID number, and choose the “Delete” item, and then press OK. as Fig. 6

Delete	
1. ID	1
2. Nme	Andy
3. Delete	

Sure to delete?	
No-esc	Yes-ok

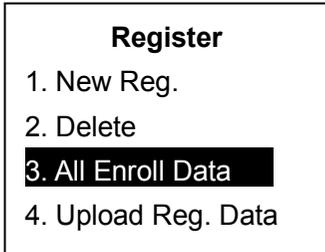
(Fig. 6)

### 2.1.4 Down the register data to USB Flash Drive

Through this section to down all register data (User name, ID no., Fingerprint & Password data etc.) to USB Flash Drive, the file name

is "001\_AFP.dat" the number include is the Machine ID.

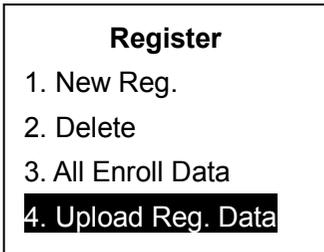
Insert the USB Flash Drive to the machine, and select "register"  
→"All Eroll Data", and then press OK.



(Fig. 7)

### **2.1.5 Upload Register Data to machine**

Make sure the file "001\_AFP.dat" in the root directory of disk, and insert the u-disk to the machine port, and then select "register"  
→"Upload Reg. Data", and then press OK.



(Fig. 8)

## **2.2 Communication Settings**

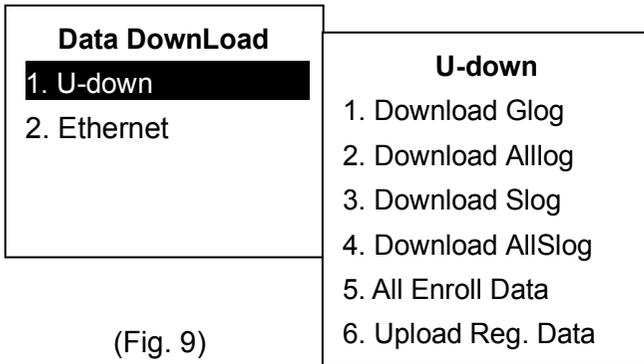
Through this section to download the data to U-disk, and set the

communication information.(the Machine Number, IP Address, Gateway & Port Number)

### 2.2.1 Download attendance records to the U-disk

Through this section to download the data to U-disk.

Insert the U-disk to the machine, and select “Set COMM” →”U-down”, and then press OK.



(Fig. 9)

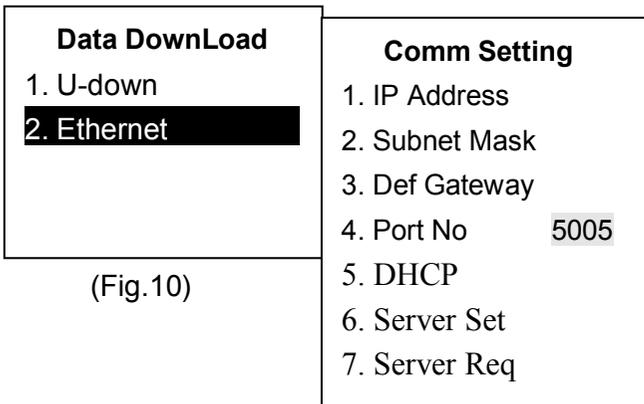
- |                     |   |
|---------------------|---|
| 1. Download Glog    | Download the users' attendance data to the USB Flash Drive in TXT format.(begin from the last time)             |
| 2. Download AllGlog | Download the users' attendance data to the USB Flash Drive in TXT format.(download all attendance data )        |
| 3. Download Slog    | Download the administrator' manager records to the USB Flash Drive in TXT.format.<br>(begin from the last time) |
| 4. Download AllGlog | Download the administrator' manager records to the USB Flash Drive in TXT.format.                               |

(download all manager records)

## 2.2.2 Set machine communication settings

Through this section to set the machine communication Parametwe(the Machine Number, IP Address, Gateway & Port Number)

Select “Set COMM” →”Ethernet”, and then press OK.



(Fig.10)

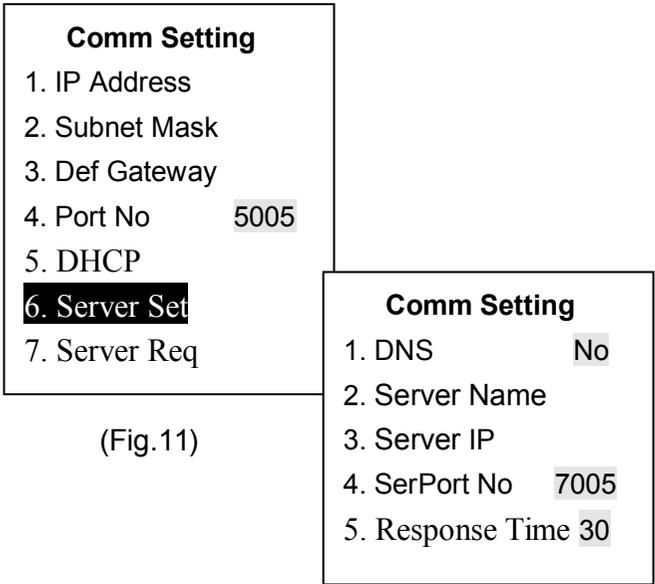
### Index

IP Address	Press OK to check the machine IP address & change the figures
Subnet Mask	For TCP/IP communication setting
Def Gateway	For TCP/IP communication setting
Port No.	For TCP/IP communication setting
DHCP	Open the DHCP function or not

## 2.2.3 Server settings

Through this section to set network server parameters

The fingerprint machine would set records to the server (PC)



(Fig.11)

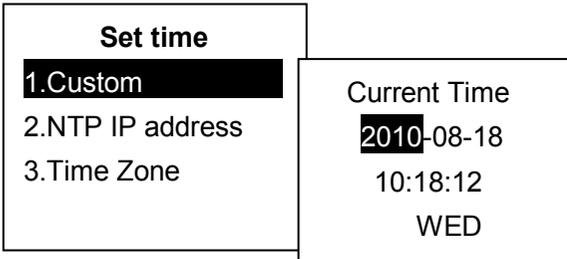
**Index**

DNS	Open the DNS function or not
Server Name	Set the server Domain name
Server IP	Set the server IP Address
SerPort No	Set the server Port No.
Response Time	How much time the server pc response to the Fingerprint machine

## 2.3 Set time

### 2.3.1 Custom

Through this section to set the Machine Time. (Fig. 12)

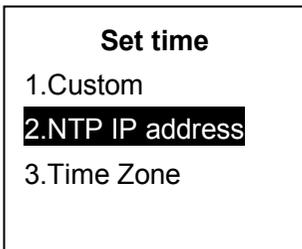


(Fig. 12)

Press “▲”“▼”& OK to select the Date & Time

### 2.3.2 NTP IP address

Through this section to set the NTP IP Address. (Fig. 13)



(Fig. 13)

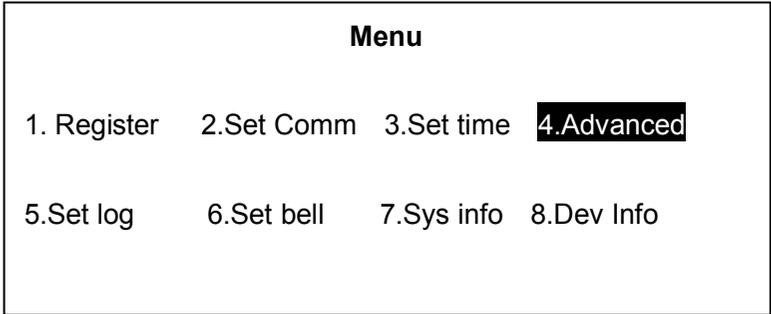
**NTP IP address** :Network Time Protocol, Is a kind of through the Internet service in the computer clock time synchronization protocol.

### 2.3.3 Time zone

Through this section to set the time zone where the device is in.

## 2.4 Advanced

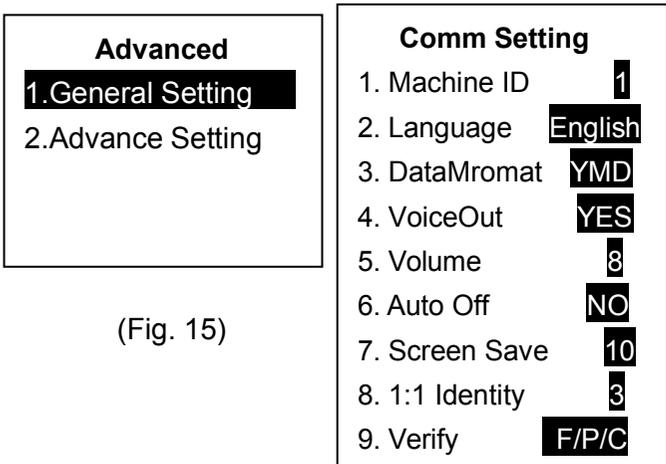
This command is to set Machine ID, Language, Data Format, Voice out & Volume, Contrast, Auto Off & Record Delete ect.



(Fig. 14)

### 2.4.1 General Setting

Through this section to set the Machine ID, Language, Data Format, Voice out & Volume ect.



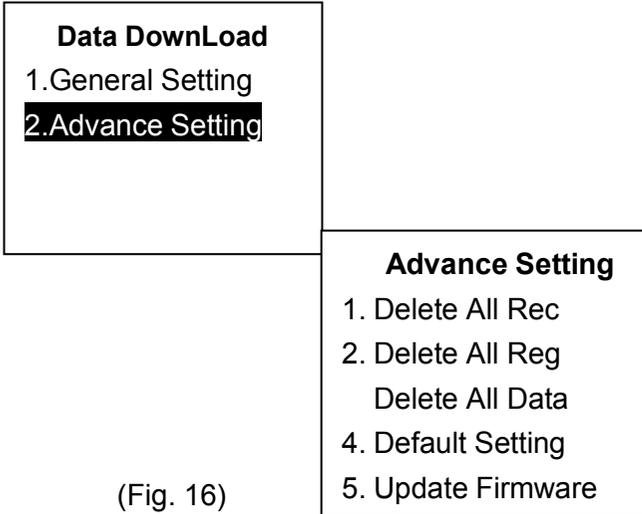
(Fig. 15)

## **Index**

Machine ID	Press OK & “▲” “▼” to select Machine ID.
Language	Press OK & “▲” “▼” to select language.
Date Format	Press OK & “▲” “▼” to select the date format (YMD/DMY/MDY)
Voice Out	Press OK & “▲” “▼” to select Yes / No
Volume	Press OK & “▲” “▼” to select voice volumn Initial setting is 5, Volumn from 1 – 8, 1 is the smallest and 8 is the largest
Auto Off	Press OK & “▲” “▼” to select the Auto off time. “No” indicate the machine will not auto off under standby condition. Value from 1 – 255 minutes.
Screen Save	Press OK & “▲” “▼” to set the screen saver time.
1:1 Identity	Press OK & “▲” “▼” to set fingerprint recognition Identity level.
Verify	Press OK & “▲” “▼” to select the recognition mode. Include fingerprint, card, password

## **2.4.2 Advance setting**

Through this section to delete all records, delete all enroll data, restore initialization settings & update firmware.

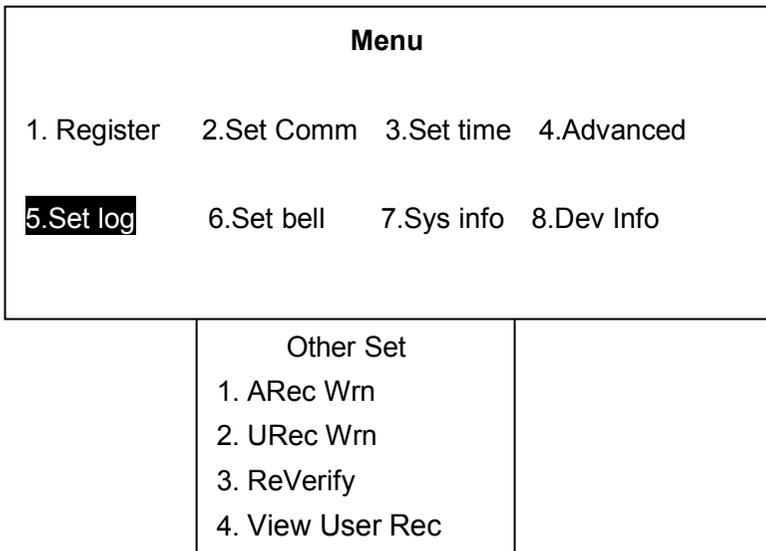


(Fig. 16)

Delete All Rec	Press OK & select Yes or No to delete all Attendance record.
Delete All Reg	Press OK & select Yes or No to delete all User data.
Delete All Data	Press OK & select Yes or No to delete both Attendance record & User data
Default Setting	Press OK & select Yes or No to restore default settings
Update Firmware	Update Firmware by using USB Flash drive machine. Remain power on during updating process.

## 2.5 Set log

Though this command to set Admin Record Warning, User Record Warning, Re-verify time & view someone attendance records . (Fig. 17)



(Fig. 17 )

### Index

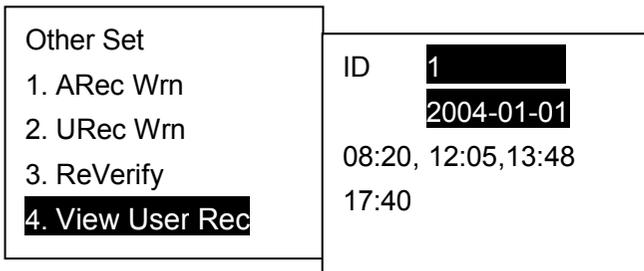
ARec Wrn

Admin Record Warning, Initial setting is “NO”  
Setting below a number of memory space,  
the machinewill provide warning to remind for data  
download. 0 = “NO” indicate no warning needed,  
value set from 1 – 255, 255 means memory space  
only left 255 memories can be used.

- URec Wrn      User Record Warning  
 Setting below a number of memory space.  
 The machine will provide warning to remind for data download. 0 = "NO" indicate no warning needed, value set from 1 – 1500, 1500 means memory space only left 1500 memories can be used.  
 Initial setting is "1000", when memory space left 1000 records; the machine will give alarm signal.
- ReVerify      Set within a period, only the earliest record counted.  
 Initial setting is 5, meaning within 5 minutes, even the user register 3 times attendance record, the machine only memory the earliest time as attendance record.  
 0 = "NO" such time period, value from 1-255 minutes.

### **2.5.1 Preview User Record**

Through this section to check the attendance details by User ID number.



(Fig. 18)

Input the user ID, press OK, and then change the date can view the user records every day.

## 2.6 Bell setting

Through this section to set the bell ring time and times.

Menu			
1. Register	2.Set Comm	3.Set time	4.Advanced
5.Set log	<b>6.Set bell</b>	7.Sys info	8.Dev Info

Bell	
1. Count	<b>255</b>
2. Time	<b>00:00</b>
3. Time	<b>00:00</b>
4. Time	<b>00:00</b>
5. Time	<b>00:00</b>
6. Time	<b>00:00</b>
7. Time	<b>00:00</b>
8. Time	<b>00:00</b>
9. Time	<b>00:00</b>

(Fig.19)

### Index

Count

Set how much times the bell ring when it's time, e.g. Count value is 12, meaning the bell will ring 12 times when it's time.

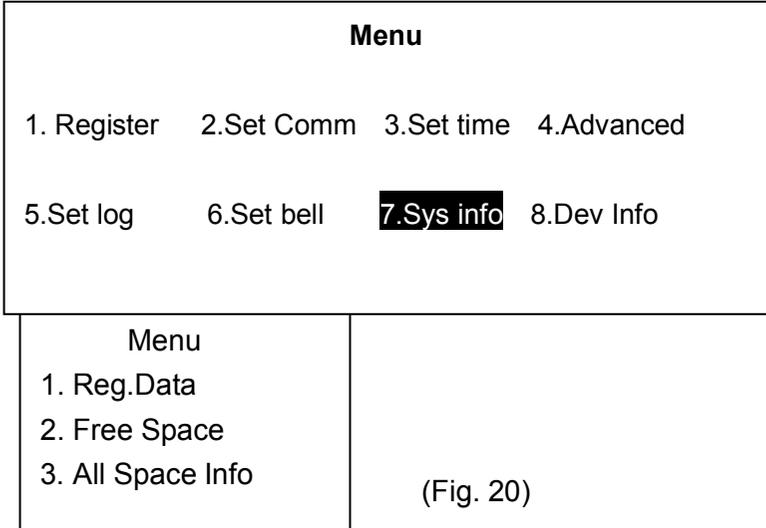
0 = "NO" ring, value from 1- 255.

Time

set the time when the bell ring.

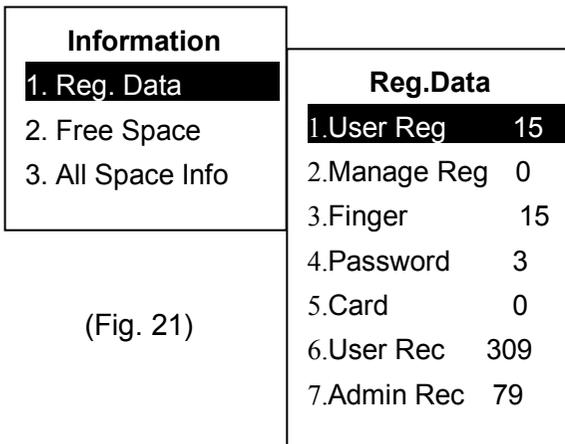
## 2.7 Sys information

Through this section to Preview User Record, Storage Detail & System Detail. (Fig. 20)



### 2.7.1 Storage Detail

Through this section to check User Register, Admin Register, Fingerprint, Password, ID Card, User Record, Admin Record, Free Space Information & All Space Information. (Fig. 21)

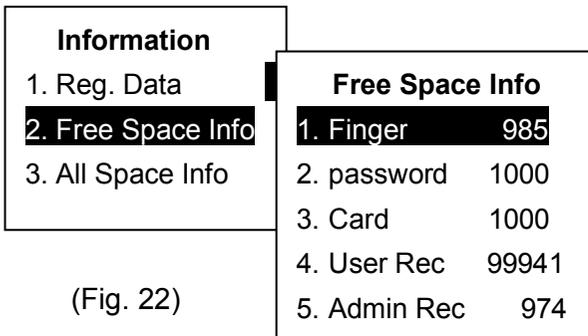


## **Index**

User Reg	No. of User has been registered.
Admin Reg	No. of Admin has been registered
Finger	No. of Finger has been registered
Password	No. of Password has been registered
ID Card	No. of ID Card has been registered
User Rec	No. of User Attendance record
Admin Rec	No of Admin Attendance record

## **2.7.2 Free Space Information**

Through this section to check Current free space available



(Fig. 22)

## **Index**

Finger	Current free space available for fingerprint template
password	Current free space available for password template
Card	Current free space available for card template
User Rec	Current free space available for attendance records
Admin Rec	Current free space available for manage records

### **2.7.3 All space information**

Through this section to check Maximum space available

<b>Information</b>	
1. Reg. Data	
2. Free Space	
<b>3. All Space Info</b>	

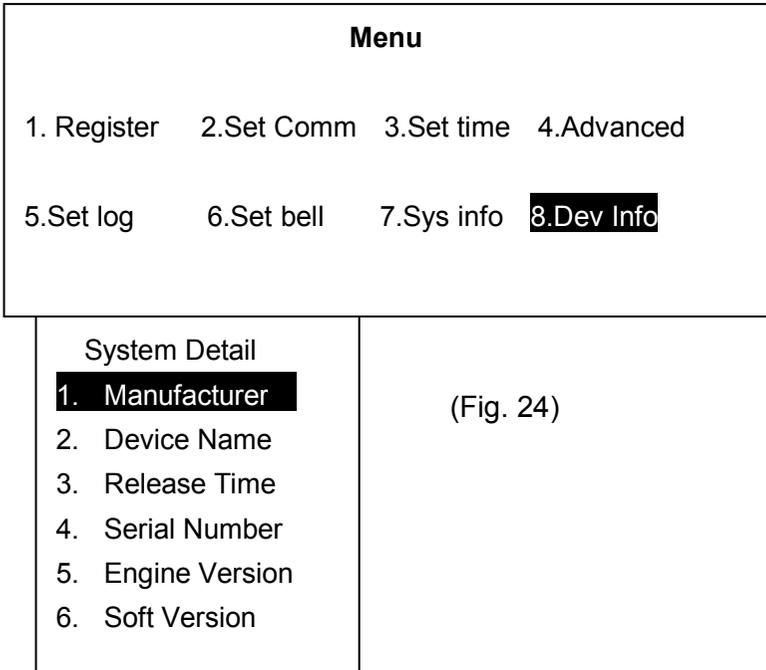
  

<b>All Space Info</b>	
<b>1.Finger</b>	<b>1000</b>
2.Password	1000
3.Card	1000
4.User Rec	100000
5.Admin Rec	1000

(Fig. 23)

## 2.8 Device information

Through this section to check the Manufacturer name, Machine name, Release Time, Serial Number, Engine Version, Software Version & Update Firmware details. (Fig. 30)

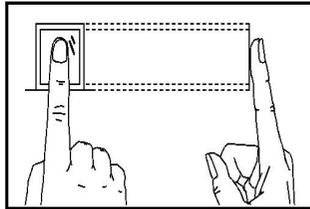


### Index

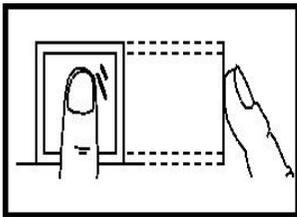
Manufacturer	Showing Manufacturer name and website
Device Name	Showing Machine Name and model number
Release Time	Showing Release time
Serial Number	Showing Machine serial number
Engine Version	Showing Engine version
Software Version	Showing Software version

## **Appendix – Attention to Fingers' Reading**

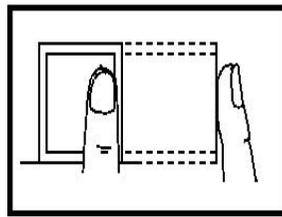
Note: try to put the finger in the middle of the reading window



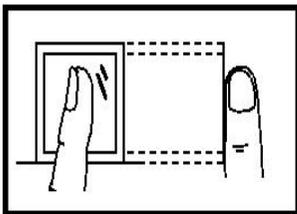
**Right**



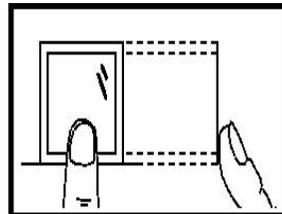
**Not in center**



**Deflection**



**Incline**



**Low**