

iClock 885



USER MANUAL

ZKTeco

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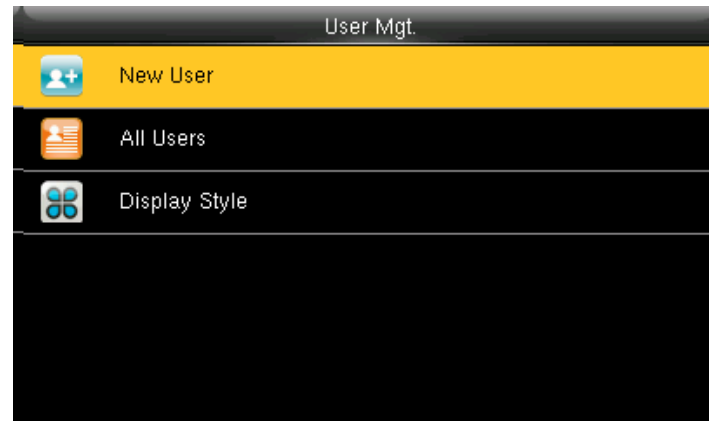
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USER MANAGEMENT



Go to menu and select **User Management**.



1.1 NEW USER

Select **New User**.

New User	
User ID	1
Name	
User Role	Normal User
Verification Mode	Apply Group Mode
Fingerprint	0
Badge Number	

Select **User ID** and press **OK**.

User ID
Please input
1
Confirm (OK)
Cancel (ESC)

Enter the **User ID** by using the keypad and press **OK**.

New User	
User ID	1
User Role	Normal User
Verification Mode	Apply Group Mode
Fingerprint	0
Badge Number	
Password	

Select **User Role** and press **OK**.

User Role
Normal User
Registrar
Super Admin

Click on **Registrar** and press **OK**.

New User	
User ID	2
Name	
User Role	Registrar
Verification Mode	Password/Badge
Badge Number	
Password	

A user with "Registrar" is able to "Add", "Delete" and "Edit" standard users to the device.

He/She is also able to view "Standard Attendance Data" for existing users on the clock.

User Role
<input type="radio"/> Normal User
<input checked="" type="radio"/> Super Admin

Select **Super Admin** and press **OK**.

The super administration has rights to all the menu functions.

New User	
User ID	1
User Role	Normal User
Verification Mode	Apply Group Mode
Fingerprint	0
Badge Number	
Password	

Select **Verification Mode** and press **OK**.

Verification mode is basically used to verify the user.

Verification Mode
<input checked="" type="radio"/> Apply Group Mode
<input type="radio"/> Password/Fingerprint/Badge
<input type="radio"/> Fingerprint only
<input type="radio"/> User ID only
<input type="radio"/> Password

Select **Apply Group Mode** and press **OK**. By pressing the apply group mode the user can verify himself with all the options that are available in verification mode.

Verification Mode
<input checked="" type="radio"/> Apply Group Mode
<input type="radio"/> Password/Fingerprint/Badge
<input type="radio"/> Fingerprint only
<input type="radio"/> User ID only
<input type="radio"/> Password
<input type="radio"/> Badge only

By clicking the option above the user can verify himself either with his/her **Fingerprint/Password or Badge**.

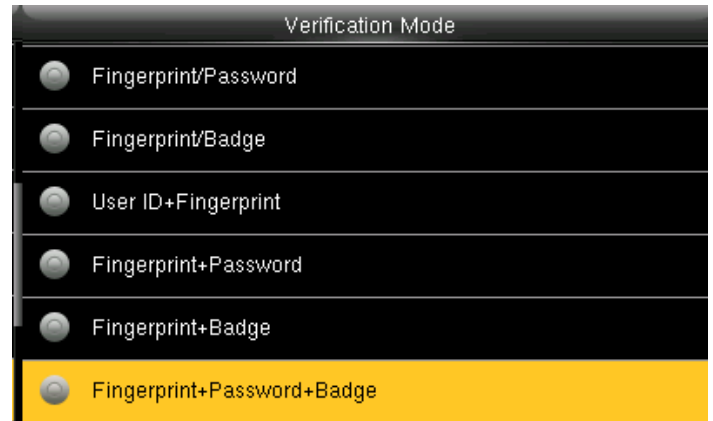
Verification Mode
<input checked="" type="radio"/> Apply Group Mode
<input type="radio"/> Password/Fingerprint/Badge
<input type="radio"/> Fingerprint only
<input type="radio"/> User ID only
<input type="radio"/> Password
<input type="radio"/> Badge only

Select **Apply Group Mode** and press **OK**.

USER MANAGEMENT

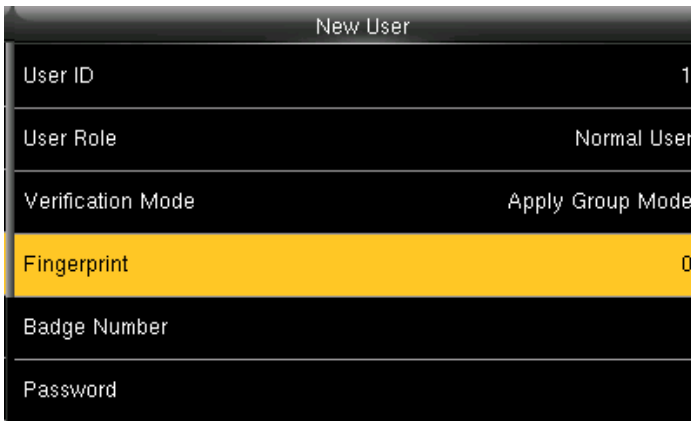


When you select the option from above the user needs all three things to verify himself or it won't verify.



When you select the option above the user needs his/her fingerprint and either badge or user id to verify himself.

When there is a / sign you can use either of the options to verify.



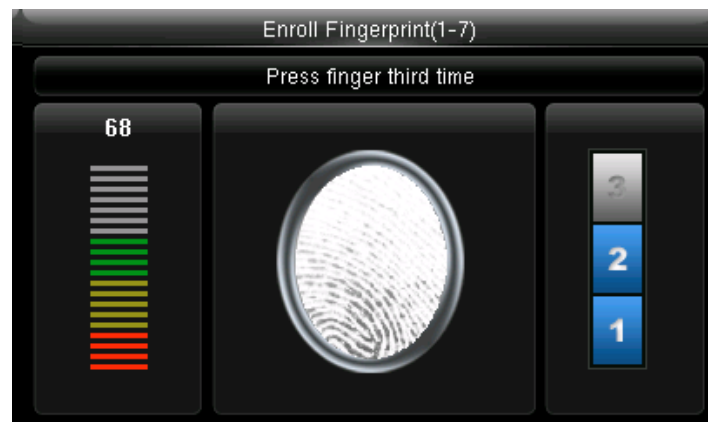
To enroll the fingerprint for the new user select **fingerprint** and select **OK**.



Place your finger on the fingerprint sensor properly.



Place the same finger on the fingerprint sensor for the second time.

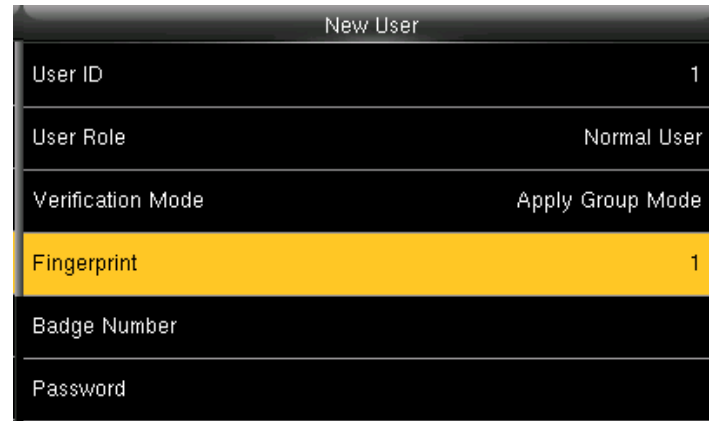


After that, you can again place the same finger on the fingerprint sensor.

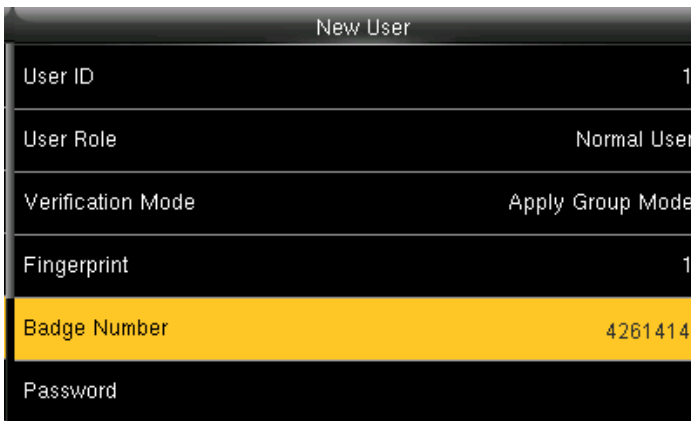
USER MANAGEMENT



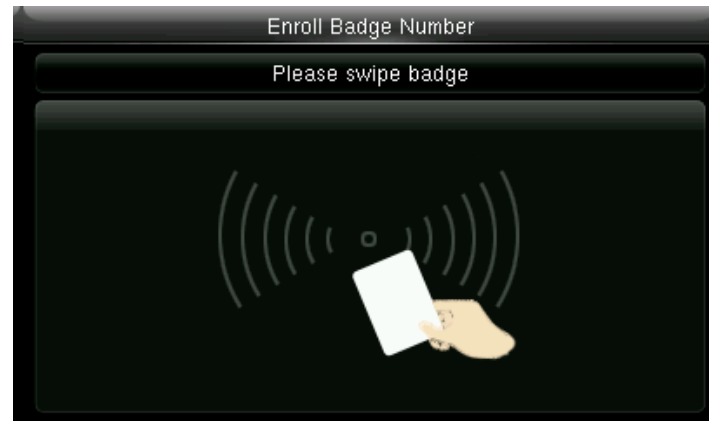
Enrollment succeeds. If the enrollment fails, the system will display a prompt message and return to the [Enroll Fingerprint] interface. In this case, you need to repeat the operations of step 2



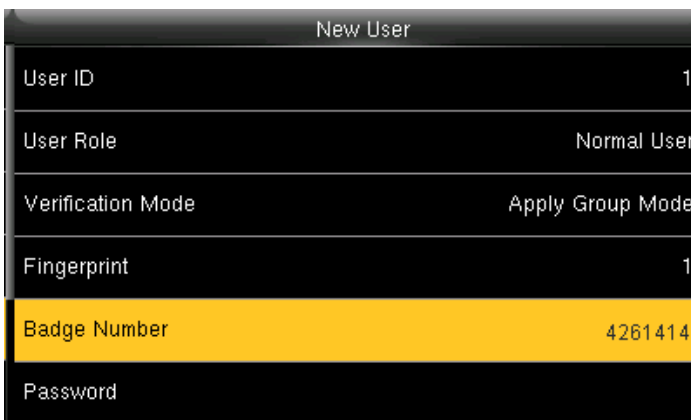
After the fingerprint is enrolled successfully the fingerprint will be shown as 1 as above which means one fingerprint is enrolled.



Select **Badge Number** and press **OK**.

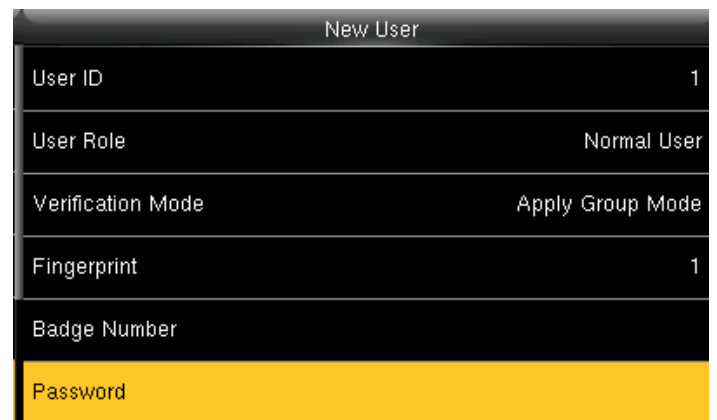


When you select the badge number it will tell you to swipe the badge/rfid card to enroll.

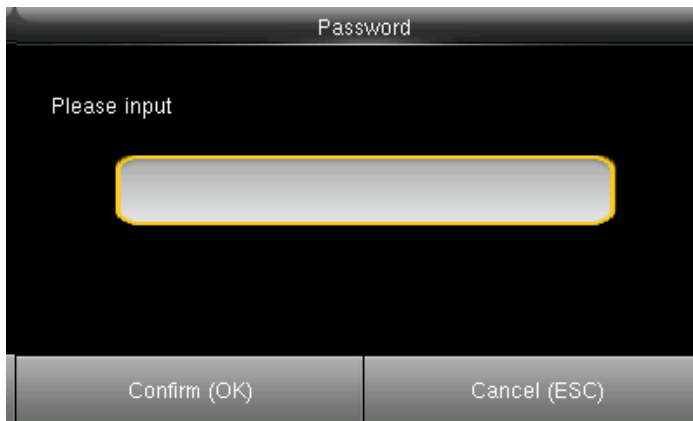


When you swipe the badge number the badge number will be displayed as above.

Here I swiped badge number 4261414 and that number is enrolled for that user.

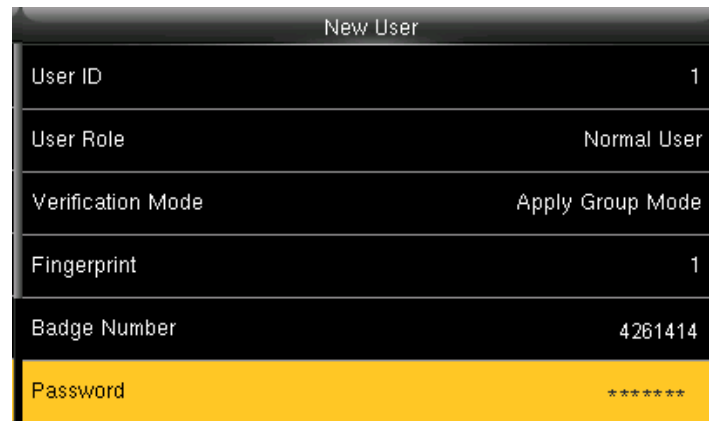


Select **Password** and press **OK**.



Screen titled "Password". It displays the text "Please input" above a text input field. At the bottom, there are two buttons: "Confirm (OK)" and "Cancel (ESC)".

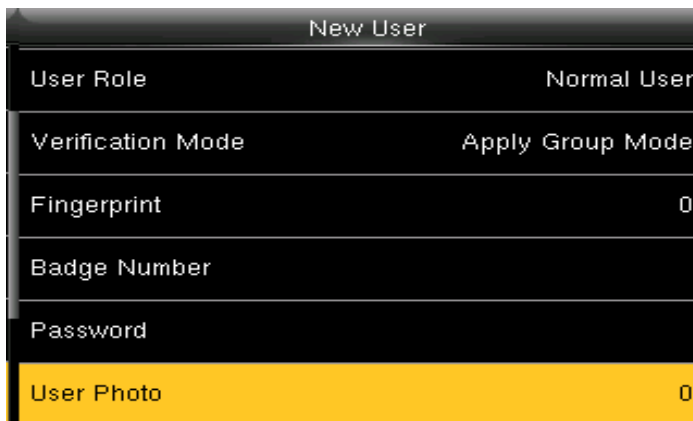
Here you can input the password by using the keypad to enroll.



Screen titled "New User". It displays a list of user details:

User ID	1
User Role	Normal User
Verification Mode	Apply Group Mode
Fingerprint	1
Badge Number	4261414
Password	*****

Once you entered the password, the above image will be displayed for that user with his/her fingerprint, the badge number and password that is needed for him/her to enter.



Screen titled "New User". It displays a list of user details:

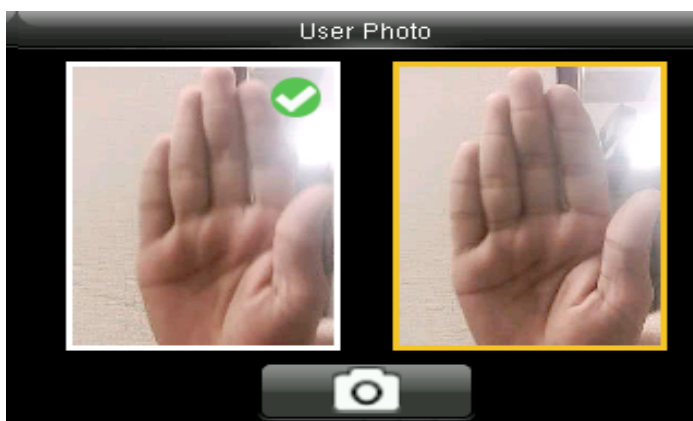
User Role	Normal User
Verification Mode	Apply Group Mode
Fingerprint	0
Badge Number	
Password	
User Photo	0

Select "User Photo" and press "OK". Here you can see in the user photo it is 0 means the user has not register him or herself.



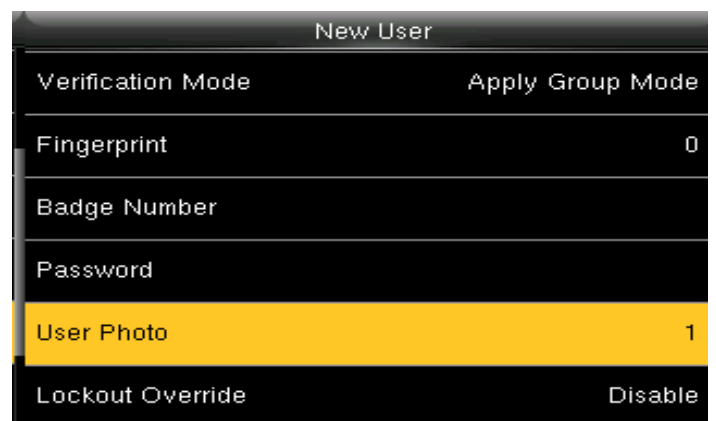
Screen titled "User Photo". It displays two side-by-side images: a placeholder icon on the left and a live camera feed on the right. Below the images is a camera icon button.

When the above window pop up the user can stand in front of camera to get register.



Screen titled "User Photo". It displays two side-by-side images of a hand being scanned. A green checkmark is visible in the top right corner of the left image. Below the images is a camera icon button.

Once the camera gets the clear picture of the user select **OK** from the keypad and green tick mark will appear which means the camera has successfully register him or herself."



Screen titled "New User". It displays a list of user details:

Verification Mode	Apply Group Mode
Fingerprint	0
Badge Number	
Password	
User Photo	1
Lockout Override	Disable

Once the user registers themselves the user photo will display 1 which means photo of that particular user has been register successfully.

New User	
User Role	Normal User
Verification Mode	Apply Group Mode
Fingerprint	1
Badge Number	
Password	
Lockout Override	Disable

Select **Lockout Override** and select **OK**

Lockout Override	
<input checked="" type="radio"/> Disable	
<input type="radio"/> Enable	

Select lockout override as **Disable**.

01/09/18 09:46 AM	
	User ID : 1 Verify : Fingerprint Error! Invalid time period Failed to verify.


A user punches in off the activate schedules, the device will notify the user by "Error! Invalid time period Failed to verify."

Lockout Override	
<input type="radio"/> Disable	
<input checked="" type="radio"/> Enable	

Select lockout override as **Enable**.

New User	
User Role	Normal User
Verification Mode	Apply Group Mode
Fingerprint	1
Badge Number	
Password	
Lockout Override	Enable

When you enable this function the above image will be displayed.

01/09/18 09:46 AM	
	User ID : 1 Name : May Verify : Fingerprint Successfully Verified

A user punches in off the activate schedules, the device will notify the use by "Successfully Verified." as shown below

New User	
Fingerprint	1
Badge Number	
Password	
Lockout Override	Enable
Access Control Role	
Duplicate Punch Period(s)	0

Select **Access Control Role** and press **OK**.

Access Control	
Access Group	1
Verification Mode	Apply Group Mode
Duress Fingerprint	Undefined
Apply Group Time Period	ON

Select **Access Group** and press **OK**.

Access Group	
Please input (1 ~ 99)	
<input type="text" value="1"/>	
Confirm (OK)	Cancel (ESC)

You can change the number for that group in the input section above using the keypad.

Access Control	
Access Group	1
Verification Mode	Apply Group Mode
Duress Fingerprint	Undefined
Apply Group Time Period	ON

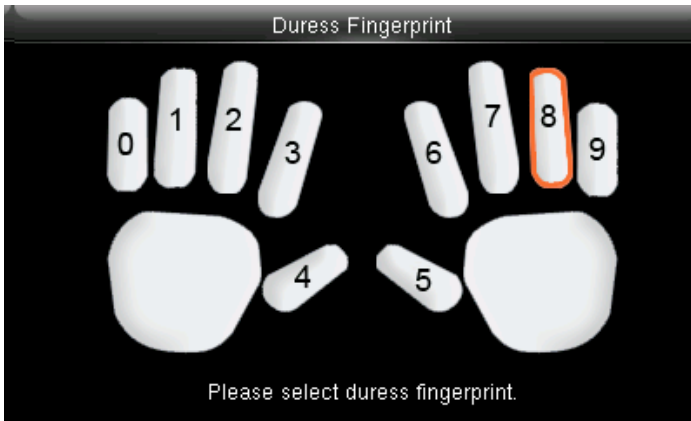
Select verification mode and press **OK**.

Verification Mode	
<input checked="" type="radio"/> Apply Group Mode	
<input type="radio"/> Password/Fingerprint/Badge	
<input type="radio"/> Fingerprint only	
<input type="radio"/> User ID only	
<input type="radio"/> Password	
<input type="radio"/> Badge only	

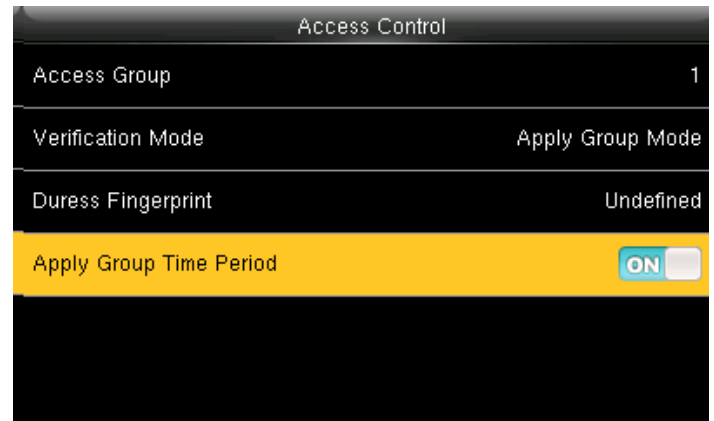
In verification mode, you can select apply group mode which will select all the methods of verification as shown above.

Access Control	
Access Group	1
Verification Mode	Apply Group Mode
Duress Fingerprint	Undefined
Apply Group Time Period	ON

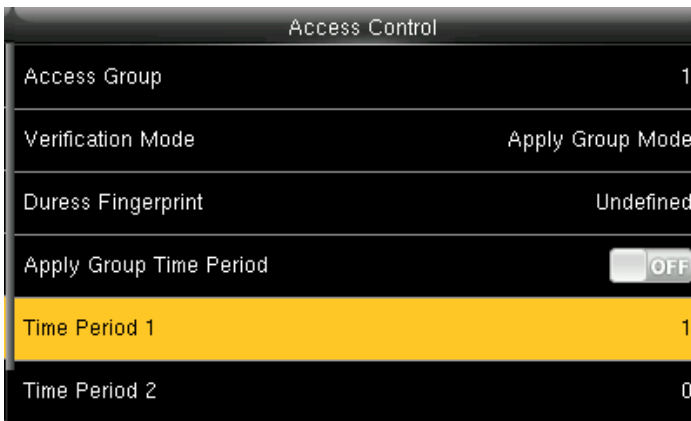
Select duress fingerprint and press **OK**.



Press ◀▶ to select enrolled fingerprint and press **OK**.



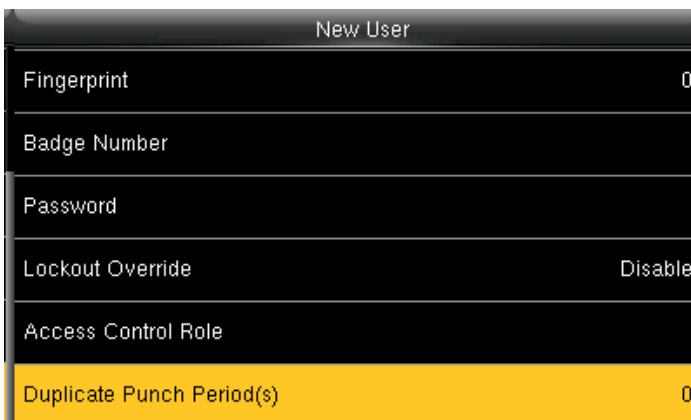
Press ▼ to select Apply Group Time Period, press **OK** to select to whether the user use his/her group's default time zone.



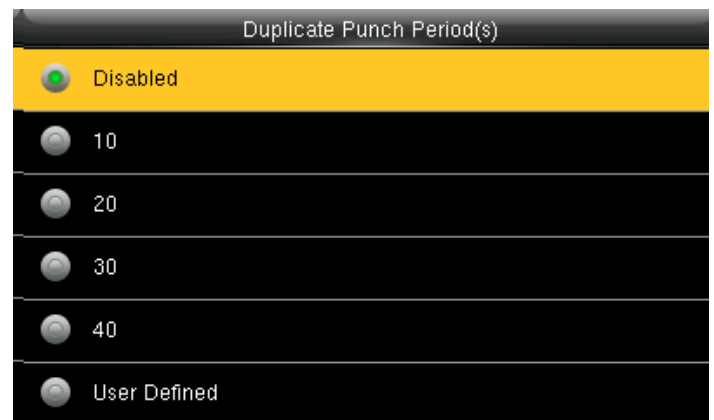
If selecting **OFF**, Press ▼ to select Time period 1.



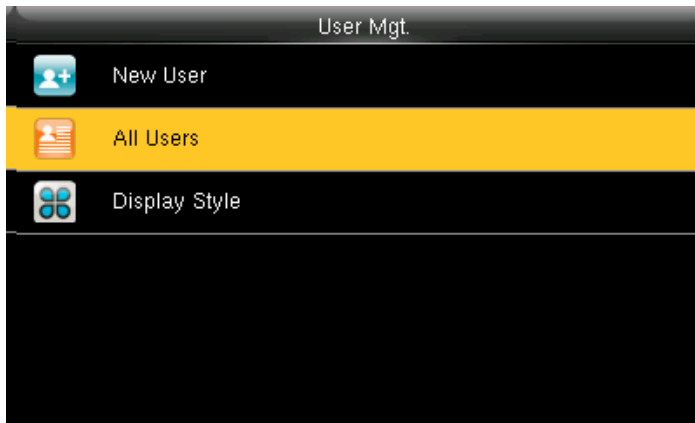
Similarly, you can choose time period 2 and press **OK**.



Select duplicate punch period and press **OK**.

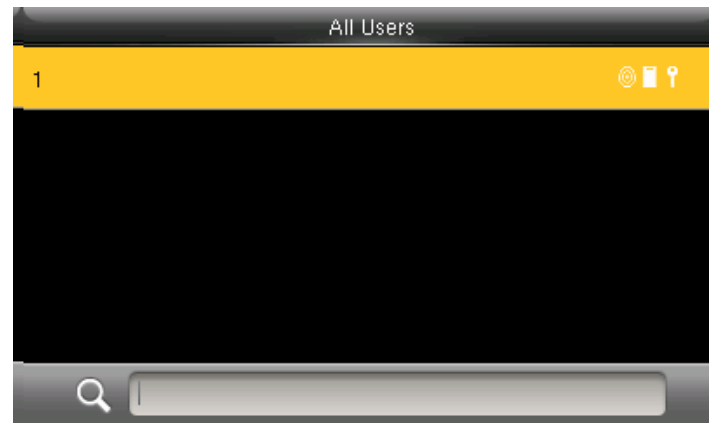


Here you can select **Disabled** or select the punch period you want.

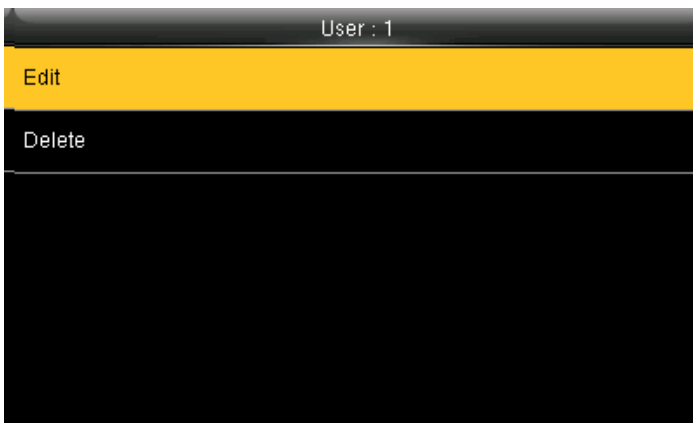


1.2 ALL USERS

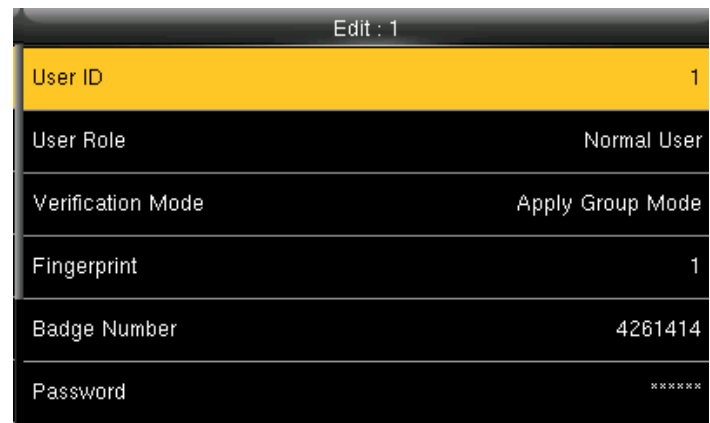
Select **All users** and press **OK**.



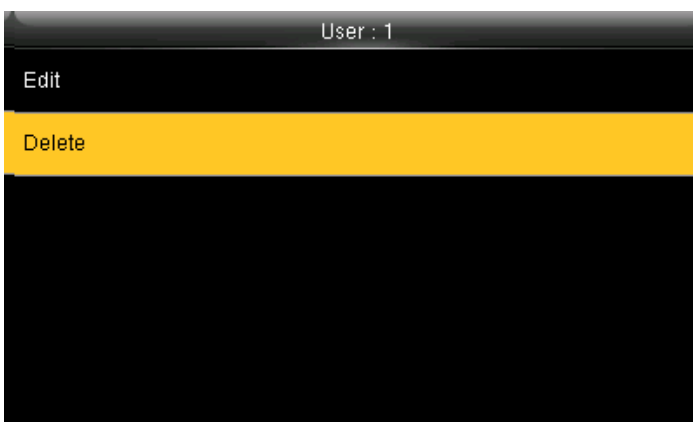
Press to select "All User and press **OK**.



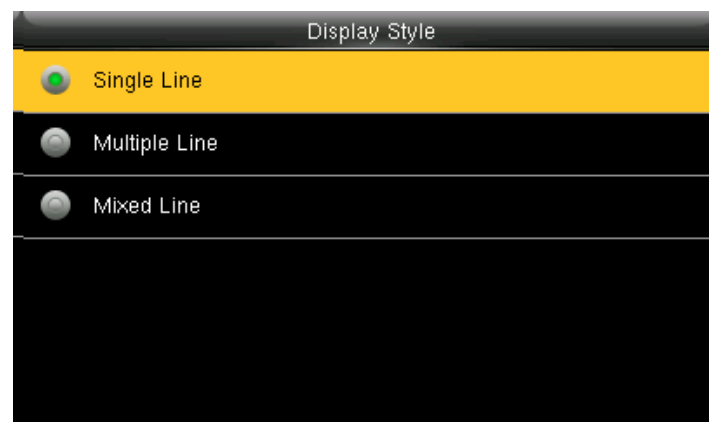
Press **OK** to enter User Info interface. Here you can **Edit** the user information.



The User ID cannot be modified, and the other operations are similar to those performed to add a user.



If you want to delete the user select **Delete** as shown above and press **OK** and the user will get deleted.



1.3 SINGLE LINE

Press ▼ to select display style and press **OK** to return.

All Users		
1	Joe	Ⓢ 🗑️ 🔑
2	David	Ⓢ
3	Mark	Ⓢ 🔑
4	Jack	Ⓢ
5	June	Ⓢ 🔑
<input type="text"/>		

Single Line

All Users		
1	Joe	Ⓢ 🗑️ 🔑
2	David	Ⓢ
3	Mark	Ⓢ 🔑
4	Jack	Ⓢ
5	June	Ⓢ 🔑
<input type="text"/>		

Multiple line

All Users		
1	Joe	Ⓢ 🗑️ 🔑
2	David	Ⓢ
3	Mark	Ⓢ 🔑
4	Jack	Ⓢ
5	June	Ⓢ 🔑
<input type="text"/>		

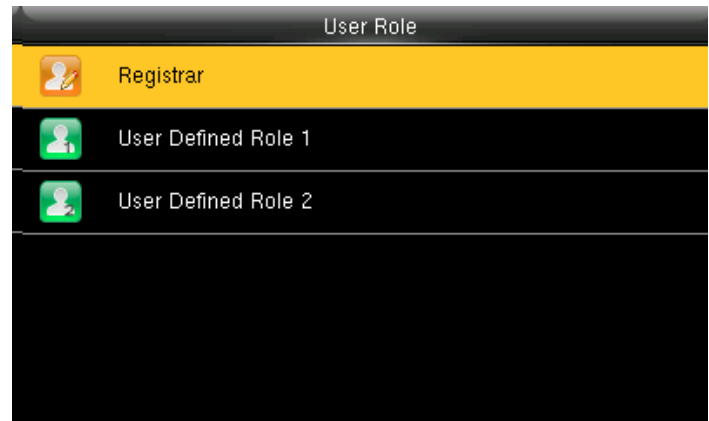
Mixed Line



USER ROLE

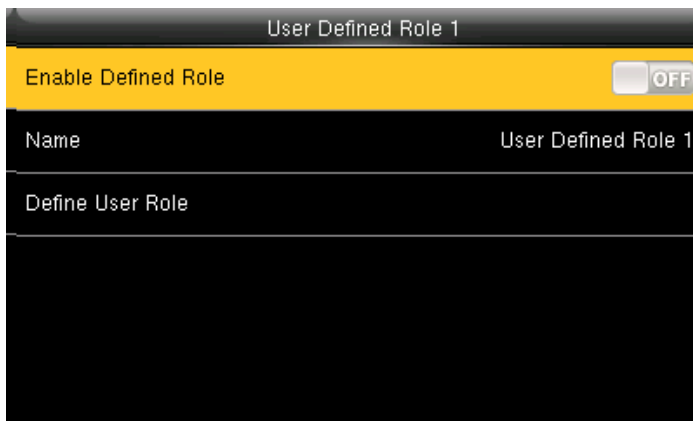


Select **User Role** and press **OK**.

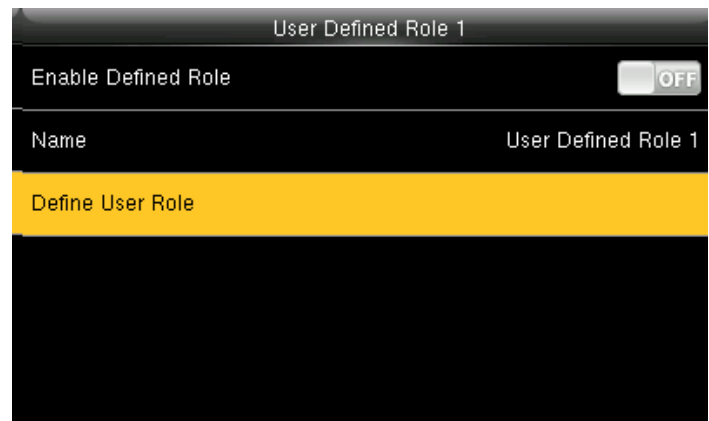


Click on **Registrar** and press **OK**

He is also able to view "Standard Attendance Data" for existing users on the clock



Here you can **Enable the defined Role** for user by turning it ON.



Select **Define User Role** and press **OK**.



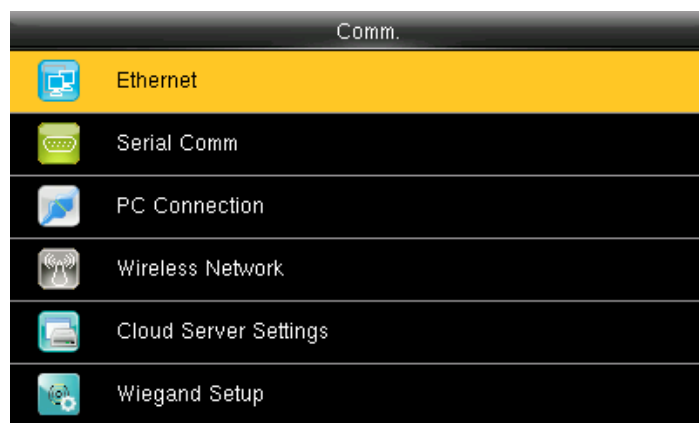
Press **▼** and **OK** to select the rights. Press **ESC** to exit.



COMMUNICATION

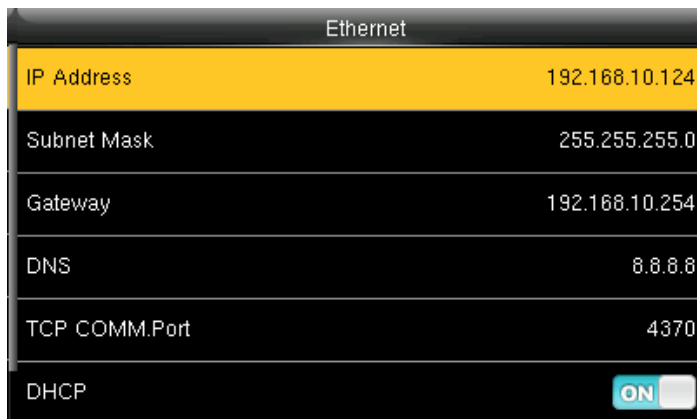


Go to menu and select "COMM" and press **OK**

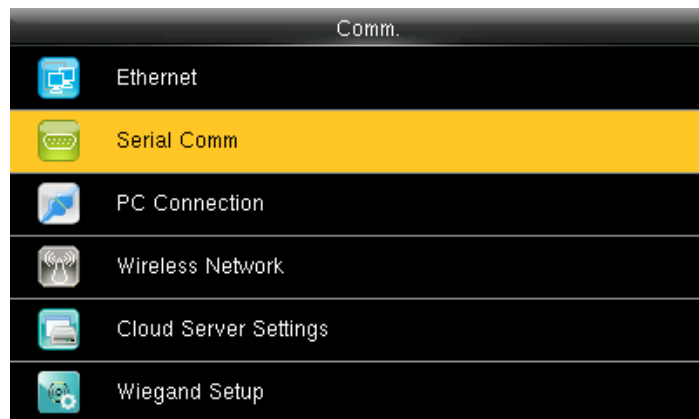


3.1 ETHERNET

Select **Ethernet** and press **OK**

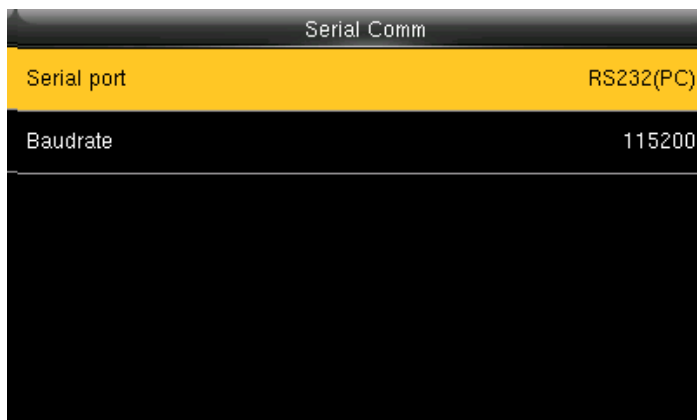


IP Address: IP is 192.168.1.201 by default. You can modify it if it is necessary. But it cannot be the same with that of PC.

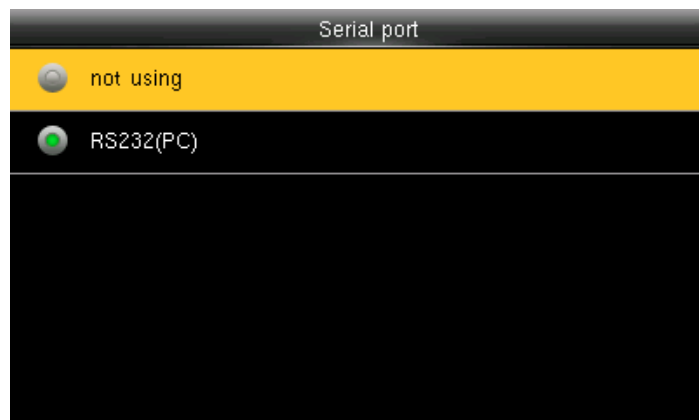


3.2 SERIAL COMMUNICATION

Select **Serial Comm** and press **OK**



Select **Serial Port** and press **OK**



RS232: Whether or not to use RS232 to communicate. Select **YES** if RS232 is to be used.

Serial Comm	
Serial port	not using
Baudrate	115200






Select **Serial Port** as not using if you do not want to use the port.

Serial Comm	
Serial port	RS232(PC)
Baudrate	115200

Baudrate: Used for communication with PC.

Baudrate	
<input checked="" type="radio"/> 115200	
<input type="radio"/> 57600	
<input type="radio"/> 38400	
<input type="radio"/> 19200	

There are five options: 9600, 19200, 38400, 57600 and 115200. If the communication speed is high, RS232 is recommended. If the communication speed is low, RS 485 is recommended

Comm.	
	Ethernet
	Serial Comm
	PC Connection
	Cloud Server Settings
	Wiegand Setup

3.3 PC CONNECTION

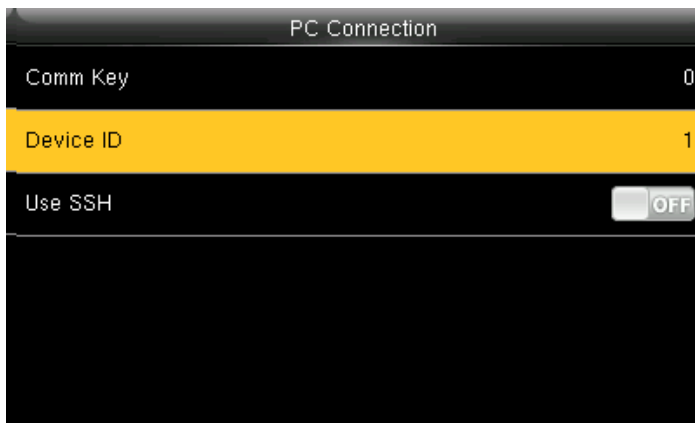
Select **PC connection** and press **OK**.

PC Connection	
Comm Key	0
Device ID	1
Use SSH	<input type="checkbox"/> OFF

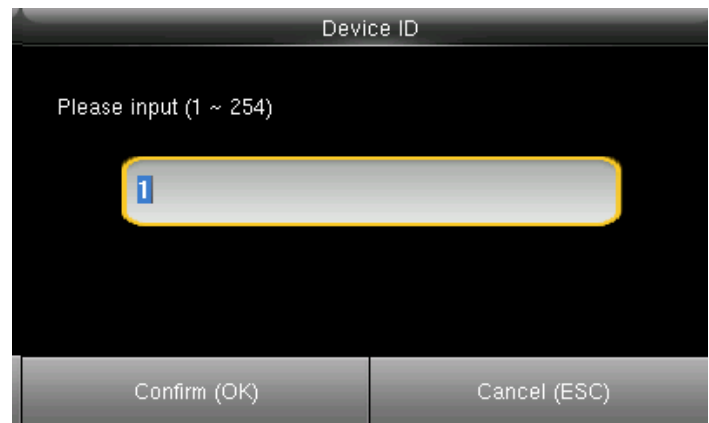
Select **Comm Key** and press **OK**

Comm Key	
Please input (0 ~ 999999)	
<input type="text" value="0"/>	
Confirm (OK)	Cancel (ESC)

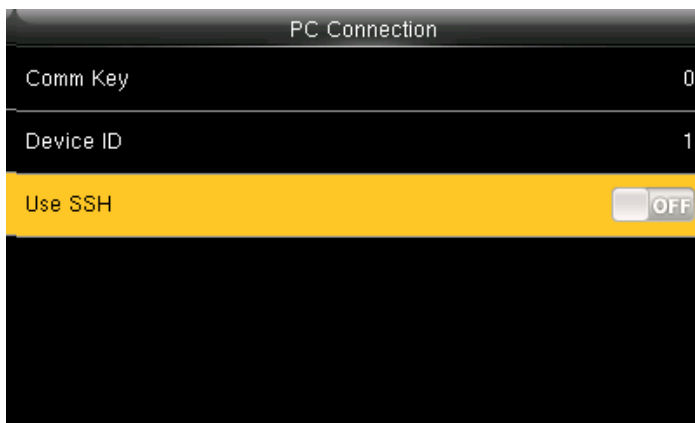
Enter a password, using the keypad in the input box as shown above and to select select Confirm **OK** and press **OK**.



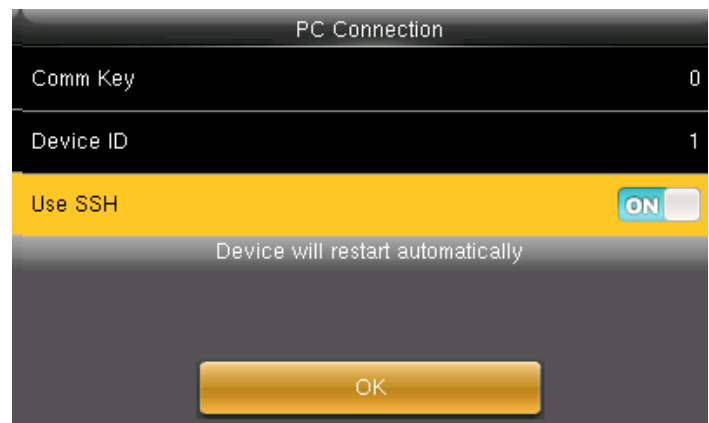
Select **Device ID** and press **OK**.



Here you can put the number for this device by using the keypad in the input screen as above and hit press confirm **OK**.

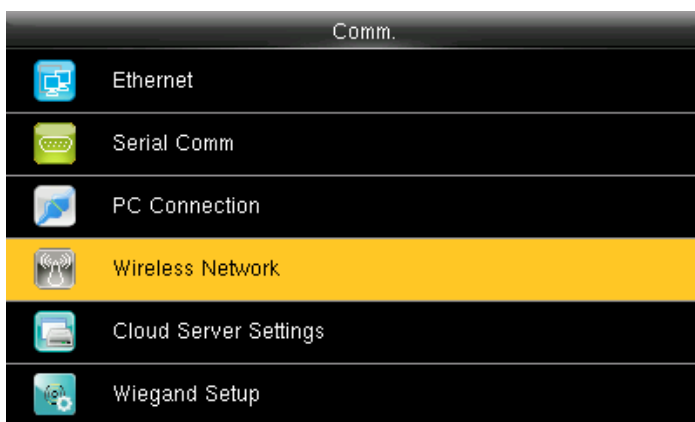


Here the **Use SSH** is **OFF**



When you turn **ON** the "SSH" function the device will restart automatically as shown above.

When this function is enabled you cannot "Telnet" into the clock as it will disable that function.

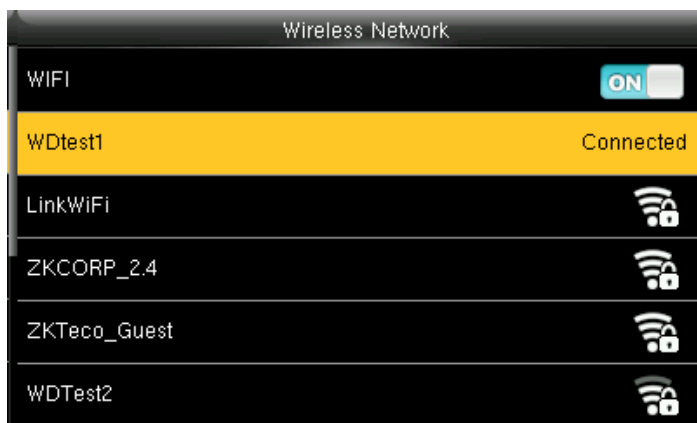


3.4 WIRELESS NETWORK

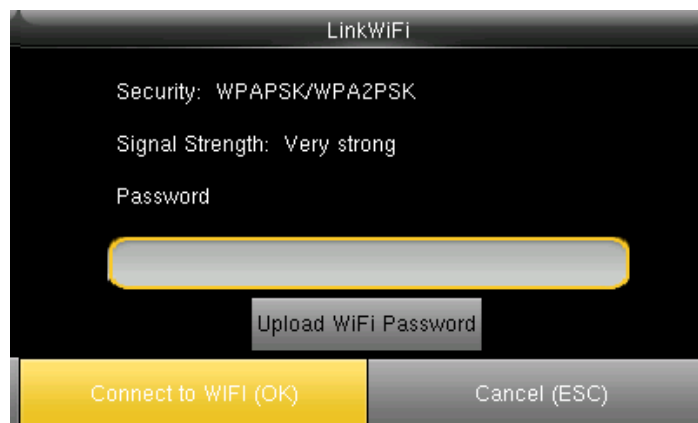
Click on **Wireless Network** and press **OK**



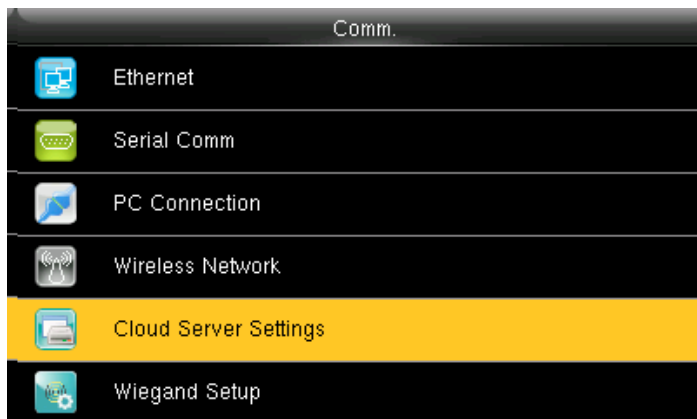
When you select the wireless network option the following window will appear in which as a default **WIFI** would be **OFF**.



You can turn **ON** the wireless network and the networks available in the range would be displayed as above.

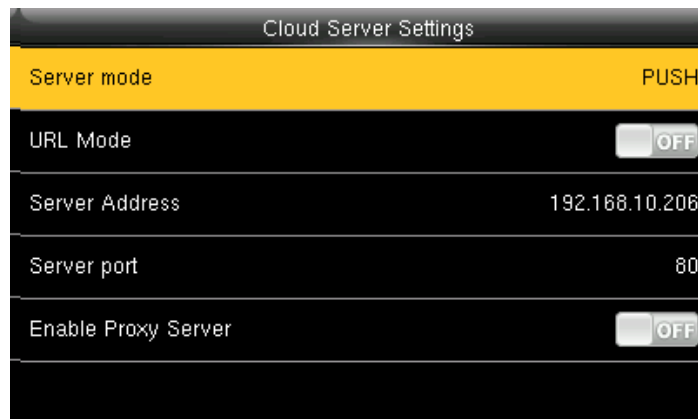


You can select any wireless network you wish to connect and you can upload the password via "USB" or by using the keypad on the clock. Once you upload the password you can press "Connect to WFI(OK)" and the following network will get connected. **See NOTE below**



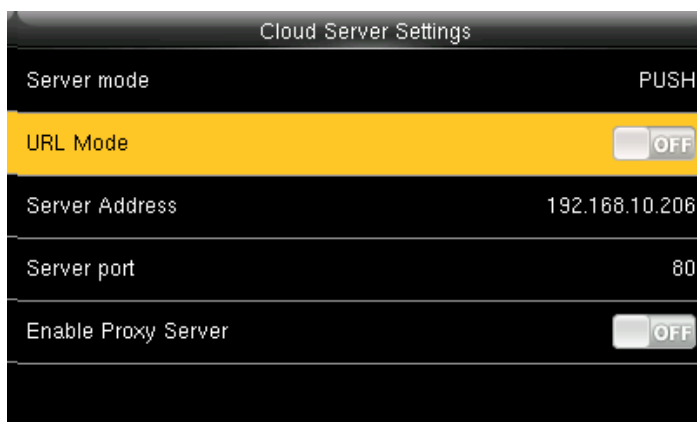
3.5 CLOUD SERVER SETTINGS

Click on "Cloud Server Setting" and press **OK**

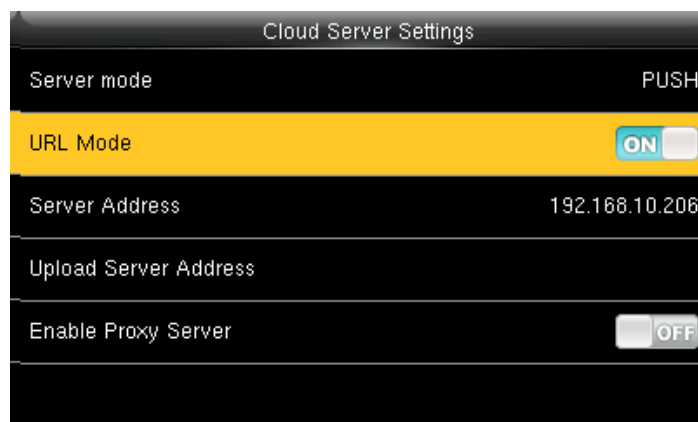


Select **Server mode** as "PUSH" as shown above.

It refers to your push server address.



Here the "URLMode" is OFF".



You can turn the "URLmode" **ON** by pressing the **M/←** button on the clock.

NOTE: The new filename for uploading Wi-Fi password or URL Webserver: updataoptions2.cfg

Inside this file you can either use: WirelessKey= [for uploading Wi-Fi password] or ICLOCKSVRURL= [for uploading webserver URL]

The clock won't accept saving those two configurations under the same filename. Our suggestion would be to save one separate file for Wi-Fi and one for URL.

Cloud Server Settings	
Server mode	PUSH
URL Mode	<input checked="" type="checkbox"/> ON
Server Address	192.168.10.206
Upload Server Address	
Enable Proxy Server	<input type="checkbox"/> OFF

Once the "URL Mode" is **ON** you can upload the server address with "USB".

See **NOTE** below

Cloud Server Setting	
Server mode	PUSH
Server Address	192.168.10.206
Server port	80
Enable Proxy Server	<input type="checkbox"/> OFF

Here the server address is the IP address of the webserver.

Server Address	
Please input	
192 . 168 . 10 . 206	
Confirm (OK)	Cancel (ESC)

Here you can change server port of the webserver by using the keypad and press confirm **OK**.

Cloud Server Setting	
Server mode	PUSH
Server Address	192.168.10.206
Server port	80
Enable Proxy Server	<input type="checkbox"/> OFF

Select **Server port**. It is a port which is used by the webserver.

Server port	
Please input (0 ~ 65535)	
80	
Confirm (OK)	Cancel (ESC)

Here you can change server port of the webserver by using the keypad and press confirm **OK**.

Cloud Server Setting	
Server mode	PUSH
Server Address	192.168.10.206
Server port	80
Enable Proxy Server	<input type="checkbox"/> OFF

Here you can select the proxy server to be **Enabled** or not. If it is off as above the proxy server will be disabled.

NOTE: The new filename for uploading Wi-Fi password or URL Webserver: updataoptions2.cfg

Inside this file you can either use: WirelessKey= [for uploading Wi-Fi password] or ICLOCKSVRURL= [for uploading webserver URL]

The clock won't accept saving those two configurations under the same filename. Our suggestion would be to save one separate file for Wi-Fi and one for URL.

Cloud Server Setting	
Server mode	PUSH
Server Address	192.168.10.206
Server port	80
Enable Proxy Server	<input checked="" type="checkbox"/> ON
Proxy Server IP	0.0.0.0
Proxy Server Port	0

When you enable the proxy function, set the IP address and port number of the proxy server. This option indicates whether to use a proxy IP address. You may choose to enter the proxy IP address or the server address for Internet access, whichever you like.

Comm.	
	Ethernet
	Serial Comm
	PC Connection
	Wireless Network
	Cloud Server Setting
	Wiegand Setup

3.6 WIEGAND SETUP

Click on **Wiegand Setup** and press **OK**.

Wiegand Setup	
Wiegand Input	
Wiegand Output	
Card format detect automatically	

Click on **Wiegand Input** and press **OK**.

Wiegand Options	
26Bits	Wiegand26a
32Bits	Wiegand32a
33Bits	Wiegand33a
34Bits	Wiegand34a
35Bits	Wiegand35a
36Bits	Wiegand36a

You can select any Wiegand format of the card from the above options.

Wiegand Options	
26Bits	Wiegand26a
32Bits	Wiegand32a
33Bits	Wiegand33a
34Bits	Wiegand34a
35Bits	Wiegand35a
36Bits	Wiegand36a

To select **32 bits Wiegand format** click on **32 Bits** and press **OK**.

Wiegands	
<input type="radio"/> Wiegand32	
<input checked="" type="radio"/> Wiegand32a	
<input type="radio"/> not using	

When you select 32 bits you can select what type of 32 Wiegand format from above

Wiegand Options	
Wiegand Format	
Pulse Width(us)	100
Pulse Interval(us)	1000
ID Type	Badge Number

Click on **Pulse Width** and press **OK**.

Pulse Width(us)
(20 ~ 400)
<input type="text" value="100"/>
Confirm (OK)
Cancel (ESC)

Here you can edit the Pulse width by using the keypad on the clock.
The Pulse Width ranges from 20 to 400 (us).

Wiegand Options	
Wiegand Format	
Pulse Width(us)	100
Pulse Interval(us)	1000
ID Type	Badge Number

Click on **Pulse Interval** and press **OK**.

Pulse Interval(us)
(200 ~ 20000)
<input type="text" value="1000"/>
Confirm (OK)
Cancel (ESC)

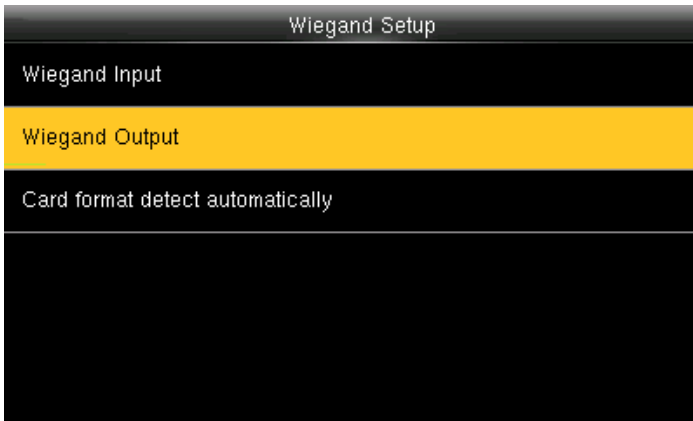
Here you can edit the Pulse Interval by using the keypad on the clock.
The Pulse Interval ranges from 200 to 20000 (us).

Wiegand Options	
Wiegand Format	
Pulse Width(us)	100
Pulse Interval(us)	1000
ID Type	Badge Number

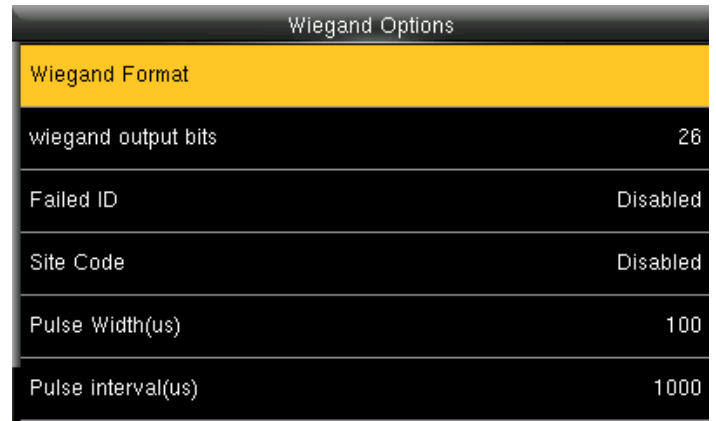
Click on the **ID Type** and press **OK**.

ID Type
<input type="radio"/> User ID
<input checked="" type="radio"/> Badge Number

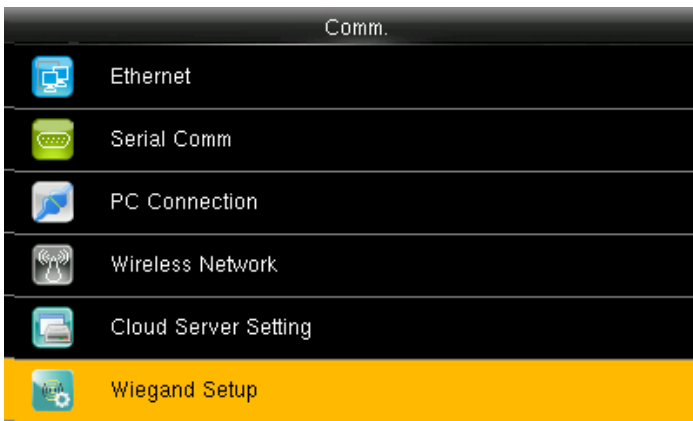
You can select the type of the ID from the options above.



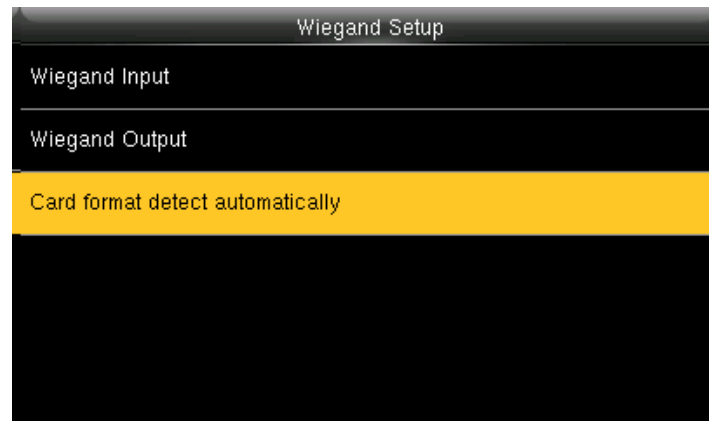
Click on **Wiegand Output** and press **OK**.



Here you can edit the Wiegand Output options you wish to apply.

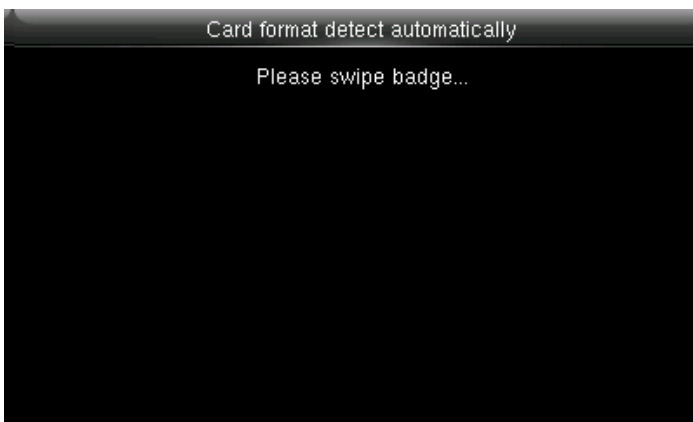


Click on **Wiegand Setup** and press **OK**

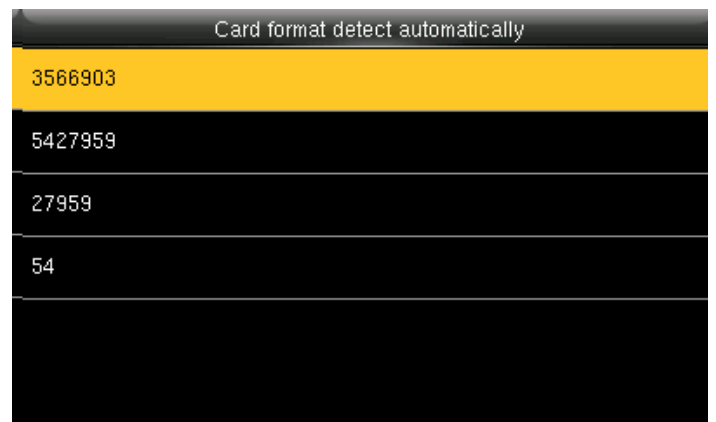


Click on "Card format detect automatically" and press "OK".

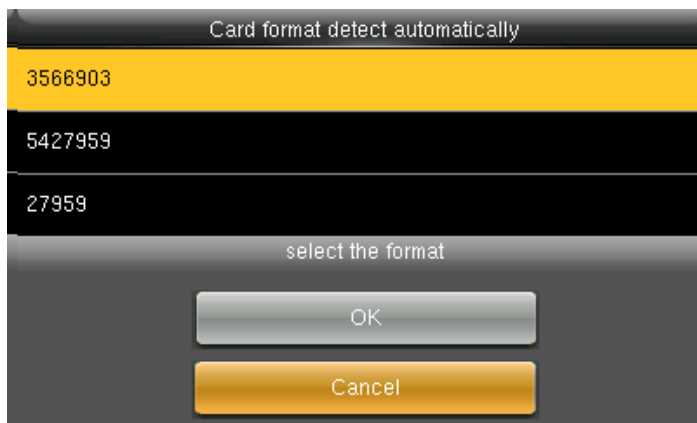
(This function is available only for standard RFID and HID proximity Cards)



Here you can swipe the multiple types of cards with different Wiegand formats.

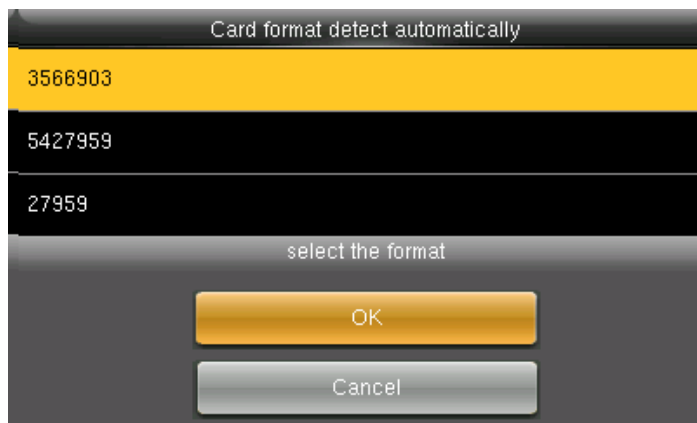


After you swipe the multiple cards all the cards with different Wiegand formats will be displayed as above.



Here you can select the Wiegand format of the card you wish to choose to register.

If you select **Cancel** that Wiegand format would not be selected.



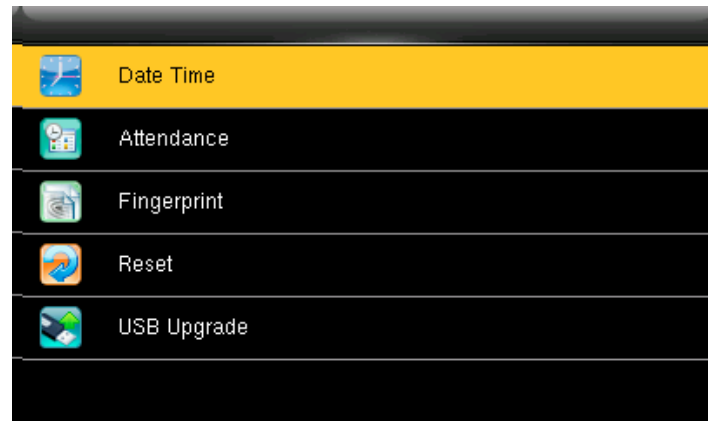
To select the particular Wiegand card format select that format and press **OK** as shown above..



SYSTEM



Select "System" and press **OK**

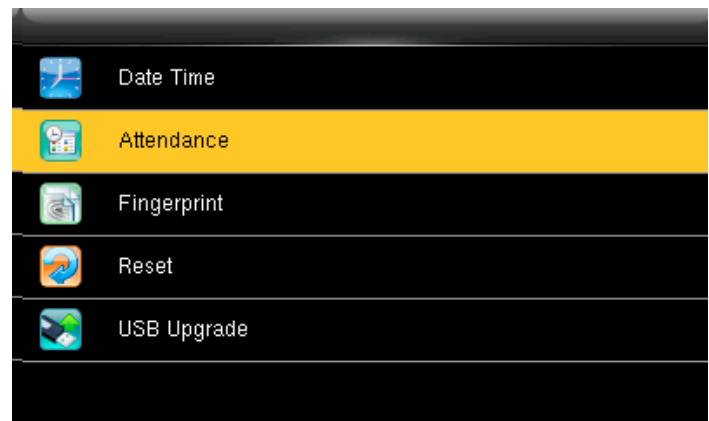


4.1 DATE TIME

Select **Date Time** and press **OK**.

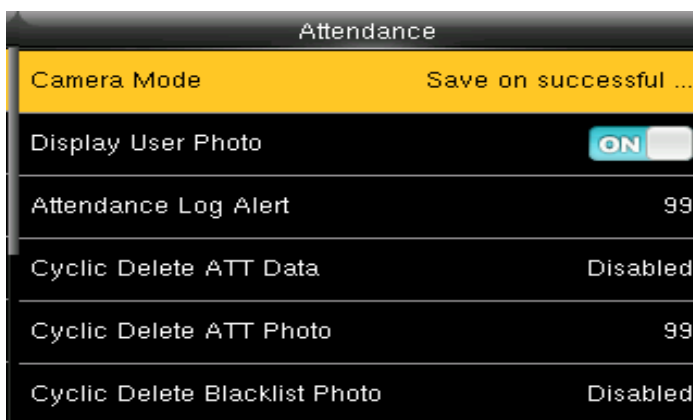


Press **◀▶** and **OK** to select items. When the setting is completed, press **OK** to save the setting and exit.

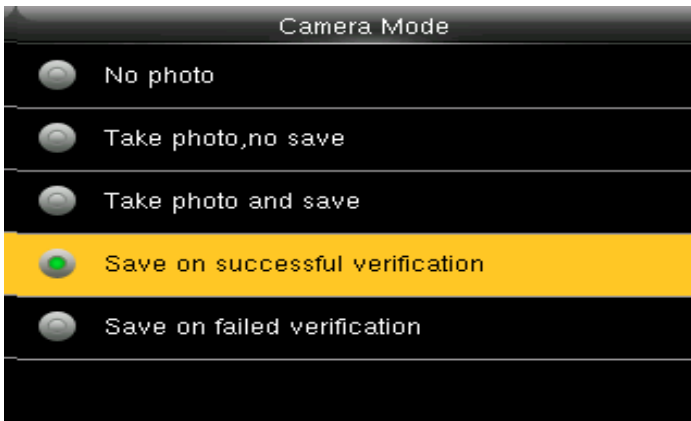


4.2 ATTENDANCE

Select **Attendance** and press **OK**.

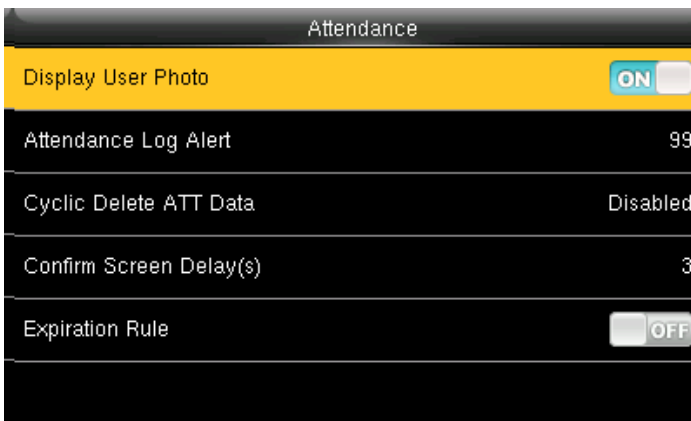


Select **Camera Mode** and press **OK**

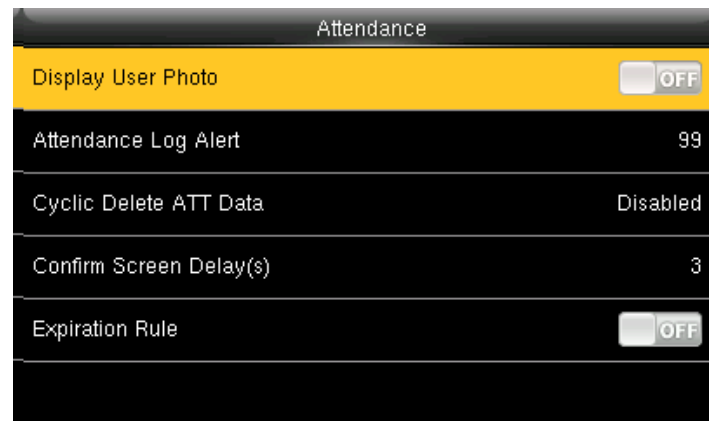


Here you can select the different mode of camera you want to set for the device.

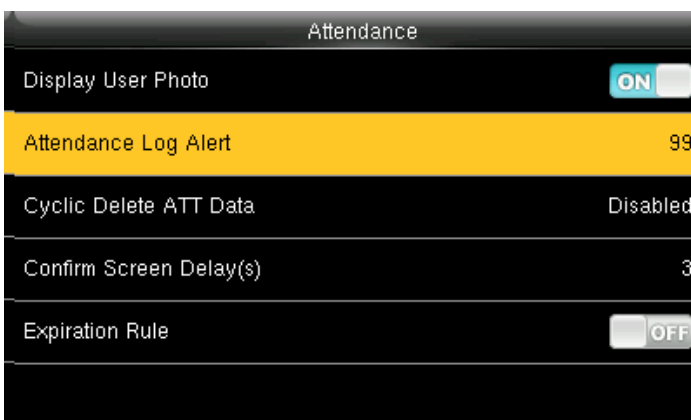
CAMERA MODES	
<input checked="" type="radio"/>	No photo Camera will not take any picture.
<input type="radio"/>	Take Photo, no save Camera will take the picture but image will not save in the terminal
<input checked="" type="radio"/>	Take photo and save Camera will able to take a picture and save it in the terminal
<input type="radio"/>	Save on successful verification If you select this option the images of the user will be saved if they make successful punch.
<input type="radio"/>	Save on failed verification This will save the images of the users even if their verification fails on the device.



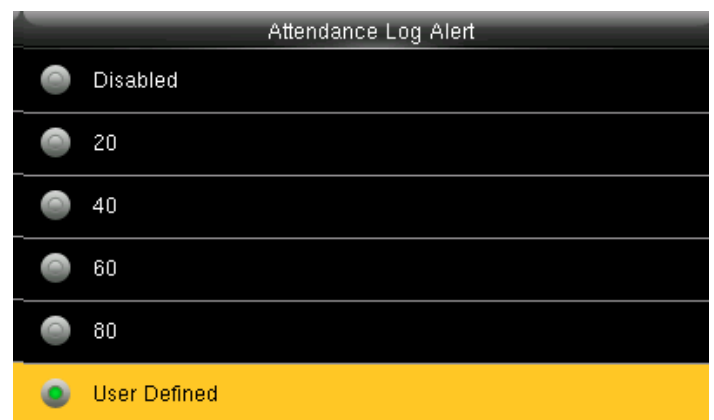
If you want to display the user photo you can select **ON**



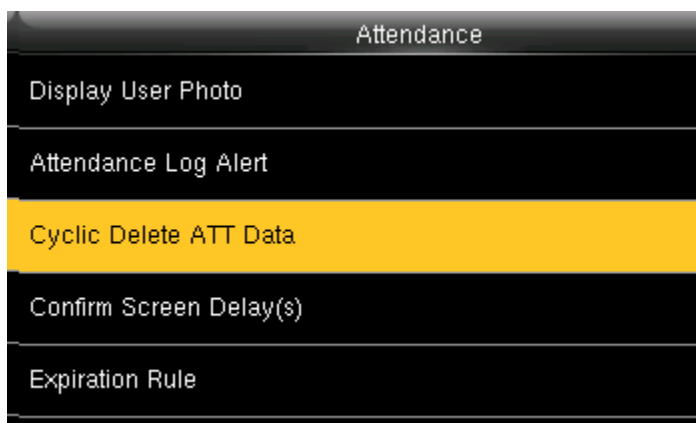
If you don't want the user photo to be displayed select **OFF** as above.



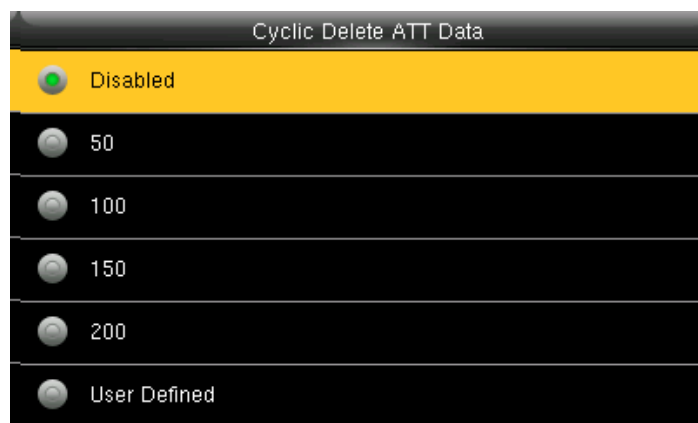
When the available space is insufficient to store the specified number of attendance records, the FFR terminal will automatically generate an alarm. (Value scope: 1-99)



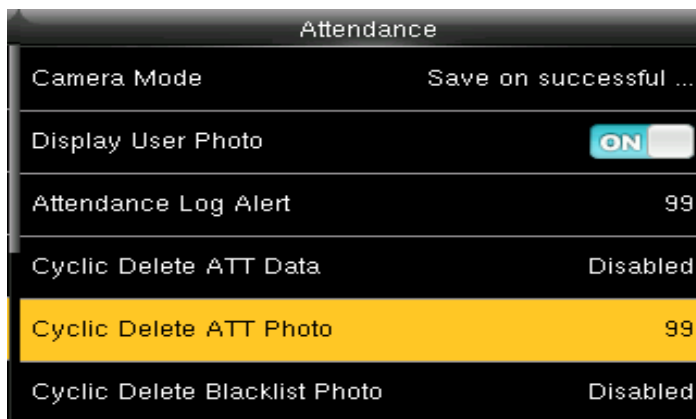
You can change the value for attendance log alert from the image above.



Select **Cyclic Delete ATT Data**. It specifies the maximum number of attendance records that can be deleted at a time when the number of attendance records reaches the upper limit.



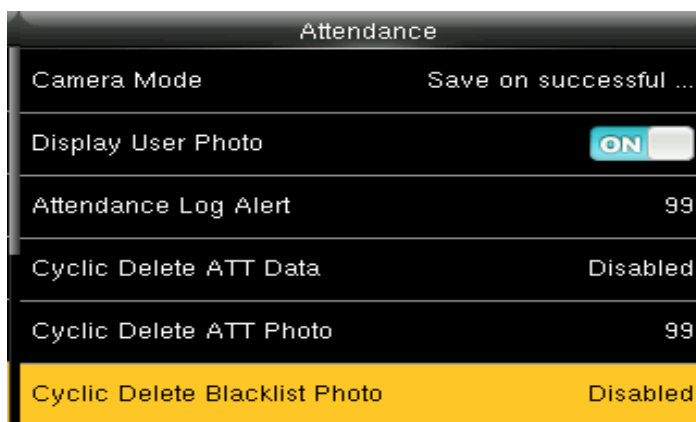
This function can be disabled; otherwise, the value ranges from 1 to 999



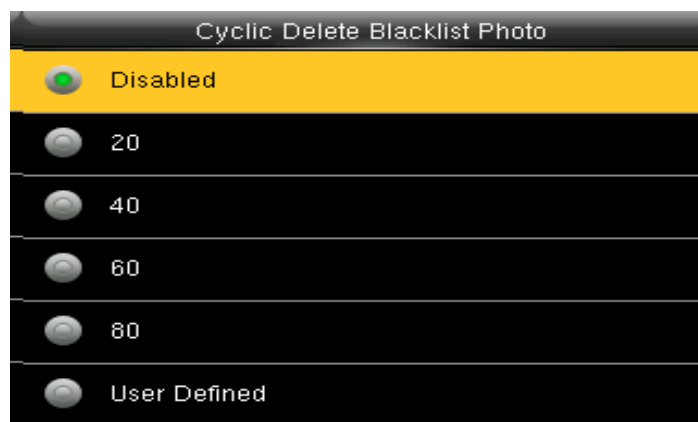
Select **Cyclic Delete ATT Photo** and press **OK**



Here you can select any option from above you want to delete the ATT photo stored in the device.



Select **Cyclic Delete Blacklist Photo** and press **OK**



Here you can select any option from above you want to delete the blacklist photo stored in the device.

If you select **Disabled** means all the blacklist photo will be stored in the device and it will not be deleted

Attendance	
Display User Photo	<input checked="" type="checkbox"/> ON
Attendance Log Alert	99
Cyclic Delete ATT Data	Disabled
Confirm Screen Delay(s)	3
Expiration Rule	<input type="checkbox"/> OFF

The screen delay specifies the time for displaying the authentication result.

Confirm Screen Delay(s)	
<input type="radio"/> 1	
<input type="radio"/> 2	
<input checked="" type="radio"/> 3	
<input type="radio"/> 4	
<input type="radio"/> 5	
<input type="radio"/> User Defined	

The value ranges from 1s to 9s.

Attendance	
Display User Photo	<input checked="" type="checkbox"/> ON
Attendance Log Alert	99
Cyclic Delete ATT Data	Disabled
Confirm Screen Delay(s)	3
Expiration Rule	<input type="checkbox"/> OFF
Verification Result Font Customization	<input type="checkbox"/> OFF

Click on **Verification Result Font Customization** option from above and press ON to change the Font Size.

Attendance	
Cyclic Delete ATT Data	Disabled
Confirm Screen Delay(s)	3
Expiration Rule	<input type="checkbox"/> OFF
Verification Result Font Customization	<input checked="" type="checkbox"/> ON
Verification Result Font Size	Medium
Verification Result Font Color	WHITE

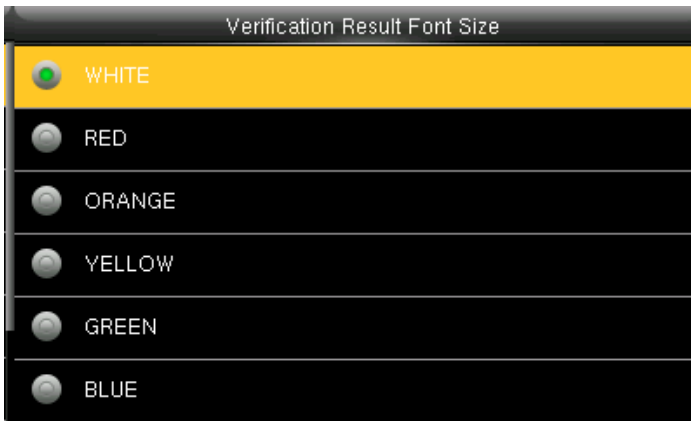
Here the default font size would be set to "Medium".

Verification Result Font Size	
<input checked="" type="radio"/> Medium	
<input type="radio"/> Large	
<input type="radio"/> Maximum	

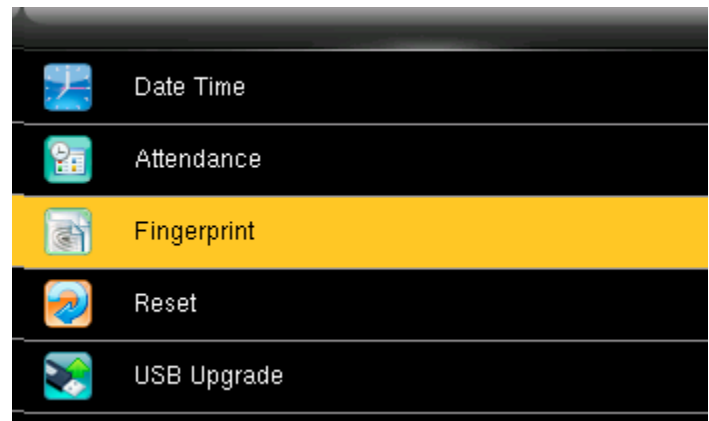
Here you can change the font size from "Medium" to "Large" or "Maximum".

Attendance	
Cyclic Delete ATT Data	Disabled
Confirm Screen Delay(s)	3
Expiration Rule	<input type="checkbox"/> OFF
Verification Result Font Customization	<input checked="" type="checkbox"/> ON
Verification Result Font Size	Medium
Verification Result Font Color	WHITE

Select **Verification Result Font Color** from above and press **OK**

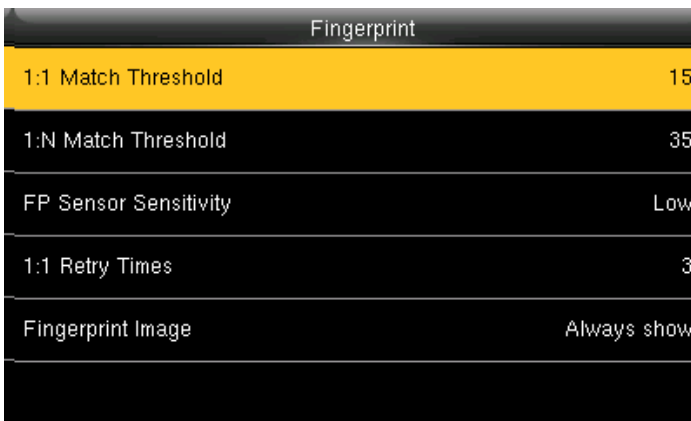


Here you can change the color of the font to different color you wish to apply.



4.3 FINGERPRINT

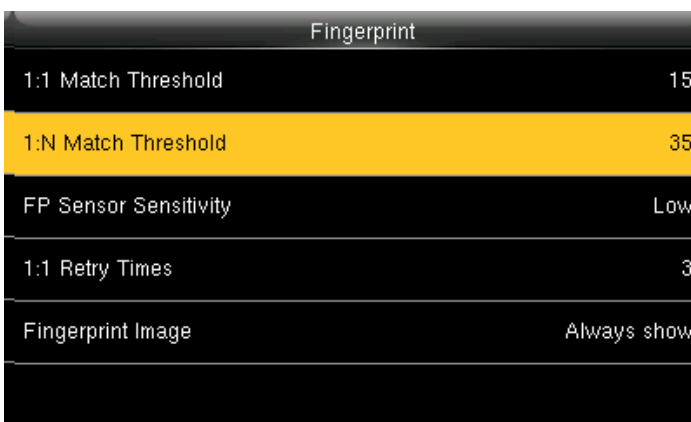
Select **Fingerprint** option and click **OK**.



Here select **1:1 match threshold** value is the similar of the ID+fingerprint verification and the enrolled template.



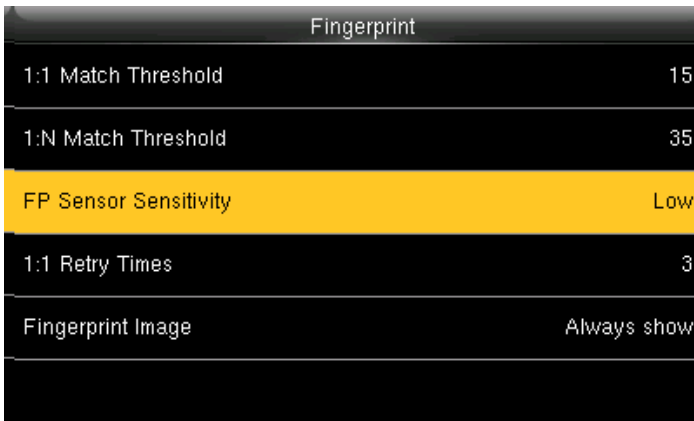
You can change the value from the image above. The default will be selected as 15.



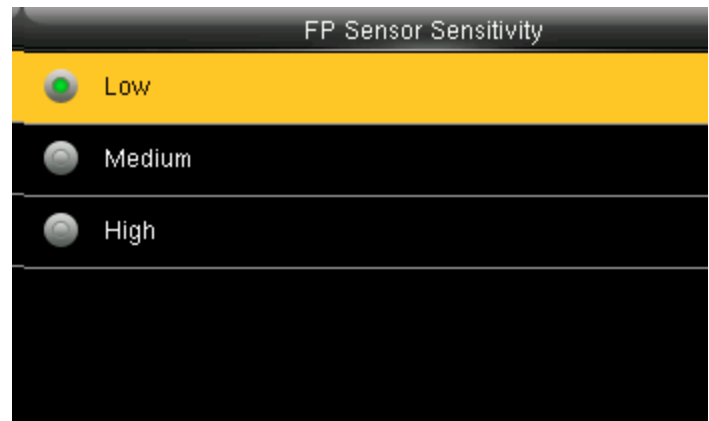
Here select **1:N match threshold** value is the similarity of verification and the enrolled template.



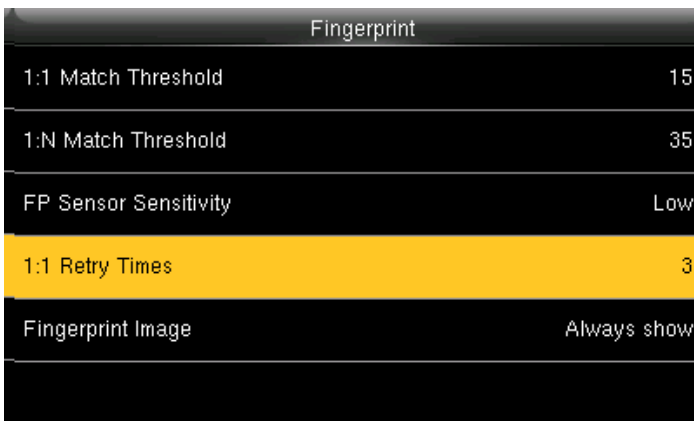
You can change the value from the image above. The default will be set to 35



Select **FP sensor Sensitivity** and press **OK**. It is used to set the sensitivity of fingerprint collection.



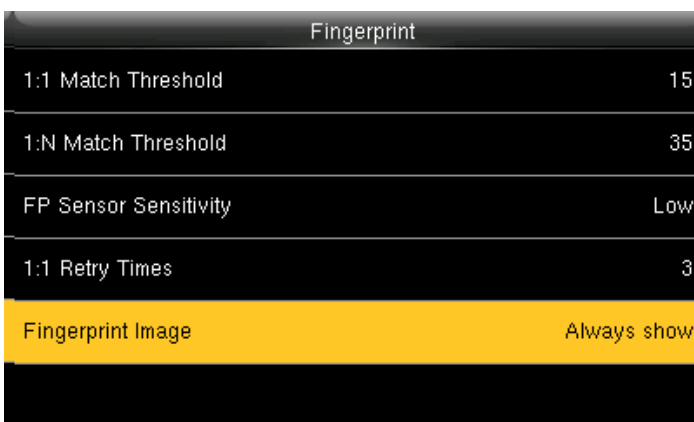
The default value Medium is recommended. You can set the sensitivity of fingerprint collection to High when the response to finger scan lags in a dry environment. When the usage environment is humid, you can set the sensitivity of fingerprint collection to Low if the fingerprint is difficult to identify.



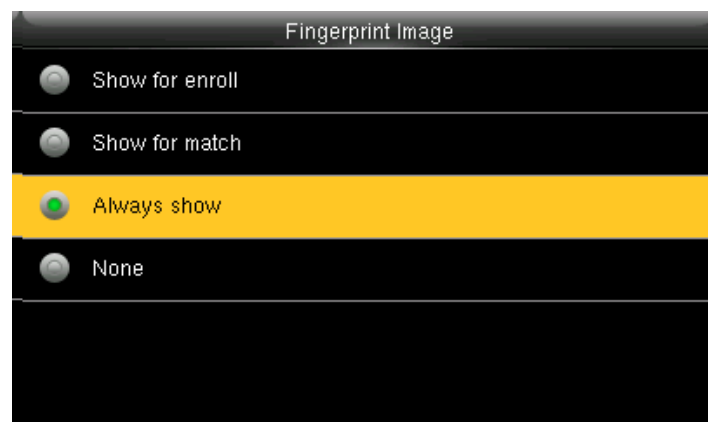
This parameter is used to set the retry times in the event of failure of 1:1 verification or password verification due to an absence of fingerprint enrollment or improper finger placement, so as to avoid repetitive operations.



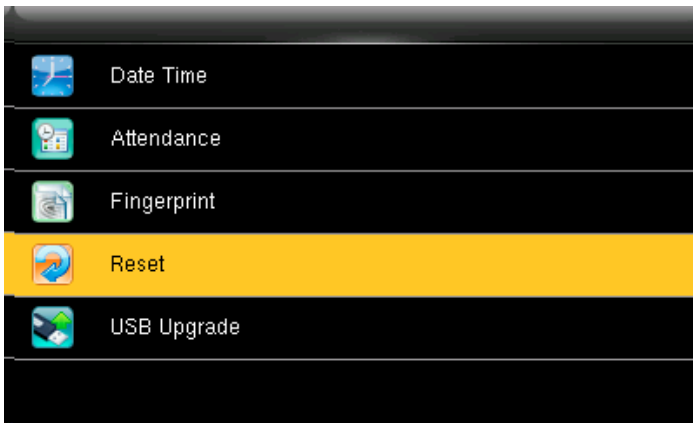
You can change the retry times from the image above. The value ranges from 1 to 6.



Here you can select the **Fingerprint Image** to be shown. If you select this option the display of the fingerprint image on the screen will be shown.

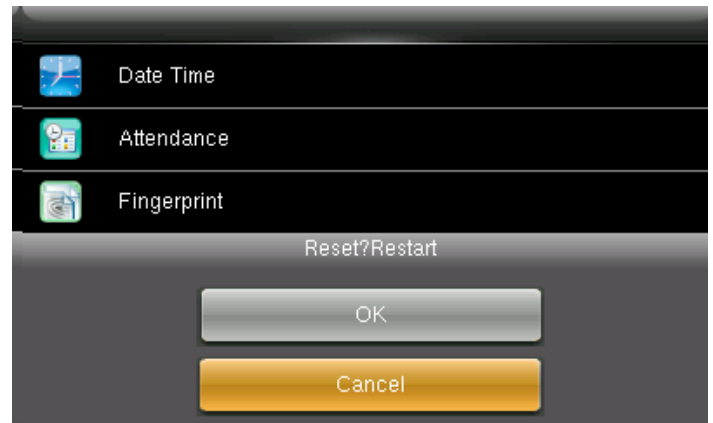


Here you can change the fingerprint image to be shown while enrolling or to match and never

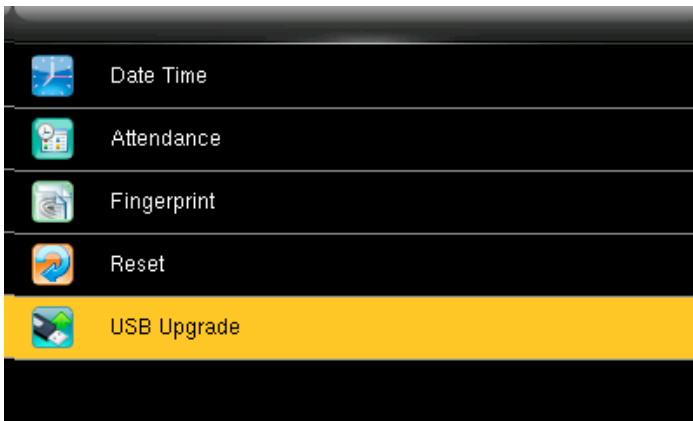


4.4 RESET

Select **Reset**.



When you select **Cancel** it will go back to previous menu.
If you select **OK** it will reset the setting and restart the clock.



4.5 USB UPGRADE

Select **USB Upgrade**.



If the USB is not readable or properly insert the image above will be displayed and you cannot be able to upgrade.



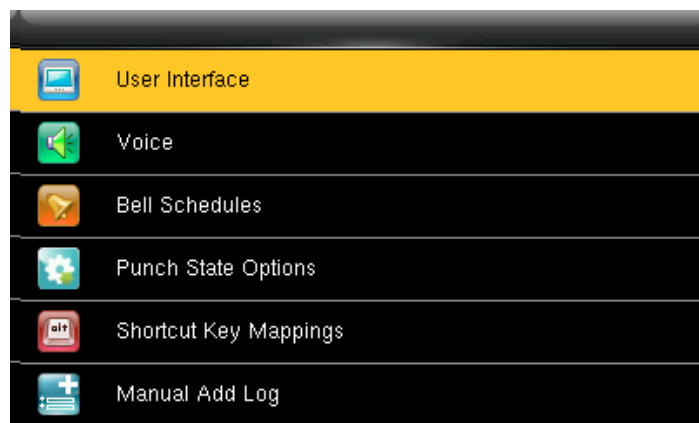
If the USB is not readable or properly inserted the image above will be displayed and you cannot be able to upgrade.



PERSONALIZE

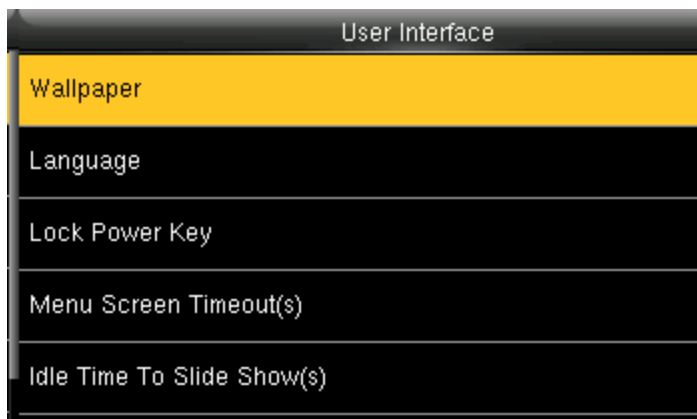


Select **Personalize** and press **OK**.

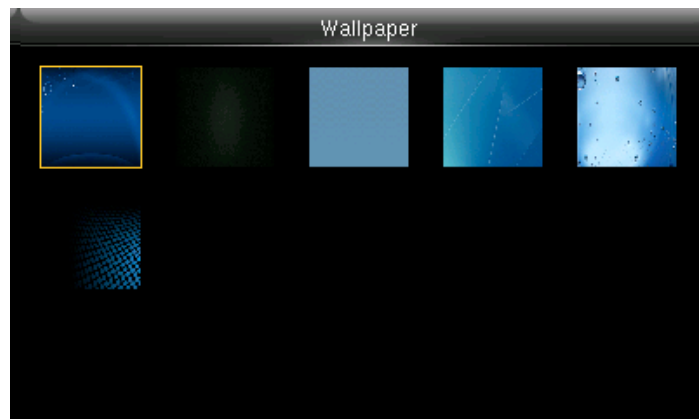


5.1 USER INTERFACE

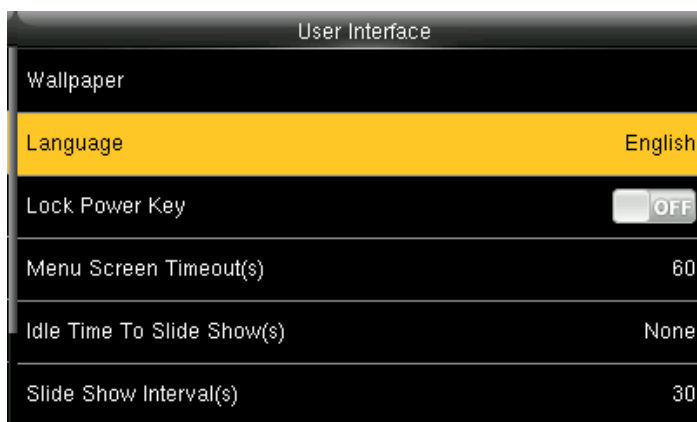
Select **User Interface** and press **OK**



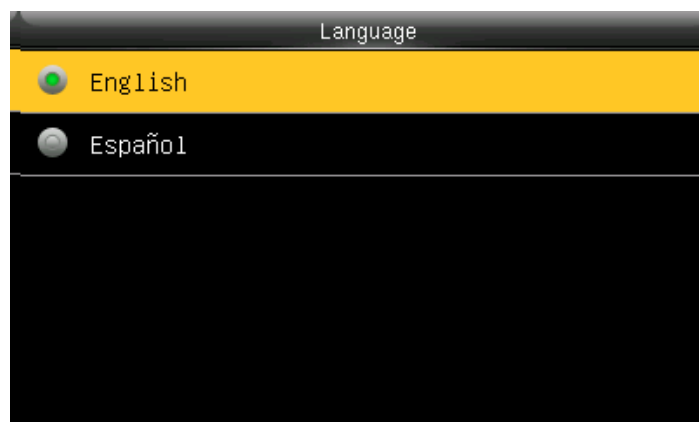
Select **Wallpaper** and press **OK**.



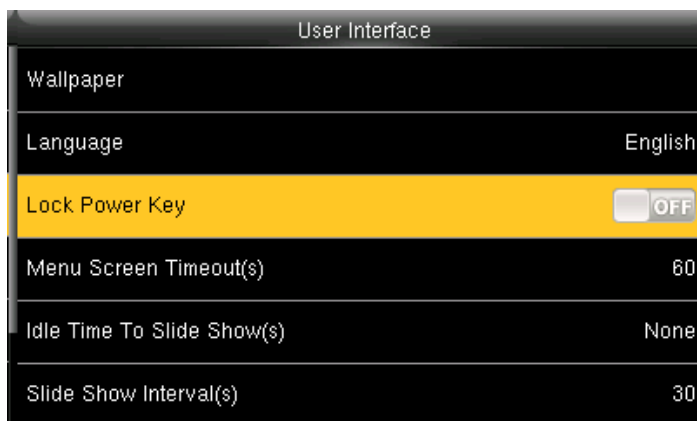
If you select the wallpaper the different wallpaper will be displayed as shown above and you can select any of the wallpaper you want to be displayed.



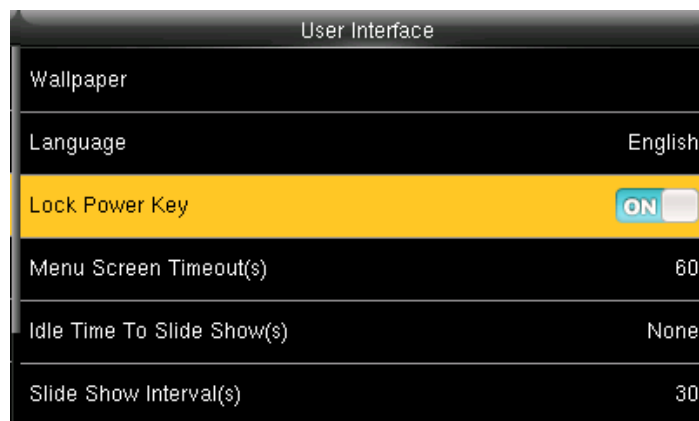
Select **Language** and press **OK**



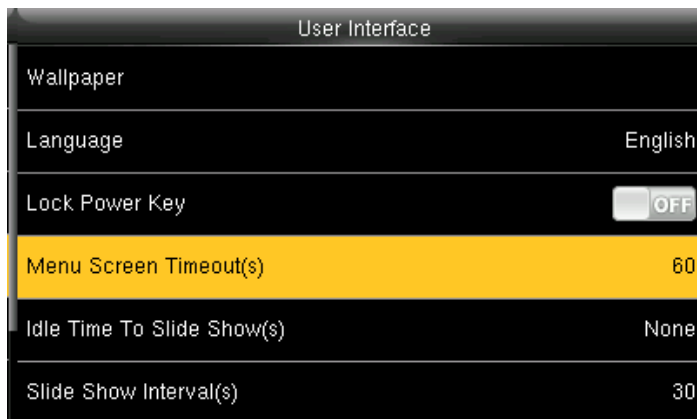
Here you can select the language you wish to display on the clock. The options are English and Espanol (Spanish).



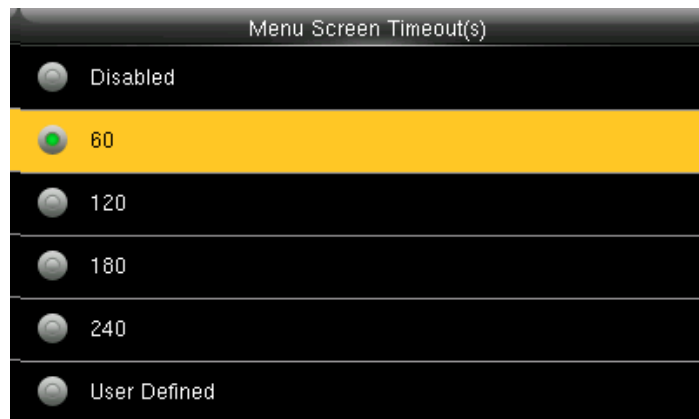
To prevent hostile power-off, select whether to lock power-off or not.
 "disable": the power is off 3 seconds after pressing power-off.



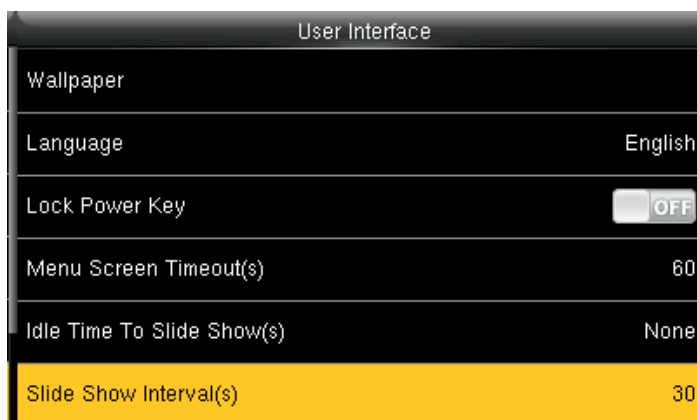
"Enable": it is ineffective after pressing power-off



The device will display the main interface automatically when no operation is performed on a menu within the menu timeout time



This function can be disabled; otherwise, the value ranges from 60s to 99999s.



The advertisement picture is displayed when no operation is performed on the main interface within the waiting time.



This function can be disabled; otherwise, the value ranges from 15s to 999s

User Interface	
Wallpaper	
Language	English
Lock Power Key	<input type="checkbox"/> OFF
Menu Screen Timeout(s)	60
Idle Time To Slide Show(s)	None
Slide Show Interval(s)	30

This parameter is used to set the picture cycle interval

Slide Show Interval(s)	
<input type="radio"/>	Disabled
<input checked="" type="radio"/>	30
<input type="radio"/>	45
<input type="radio"/>	60
<input type="radio"/>	75
<input type="radio"/>	User Defined

This parameter can be either disabled or ranges from 30 s to 999s.

User Interface	
Lock Power Key	<input type="checkbox"/> OFF
Menu Screen Timeout(s)	60
Idle Time To Slide Show(s)	None
Slide Show Interval(s)	30
Idle Time To Sleep(m)	Disabled
Main Screen Style	Style 3

This parameter is used to set the picture cycle interval

Slide Show Interval(s)	
<input type="radio"/>	Disabled
<input checked="" type="radio"/>	30
<input type="radio"/>	45
<input type="radio"/>	60
<input type="radio"/>	75
<input type="radio"/>	User Defined

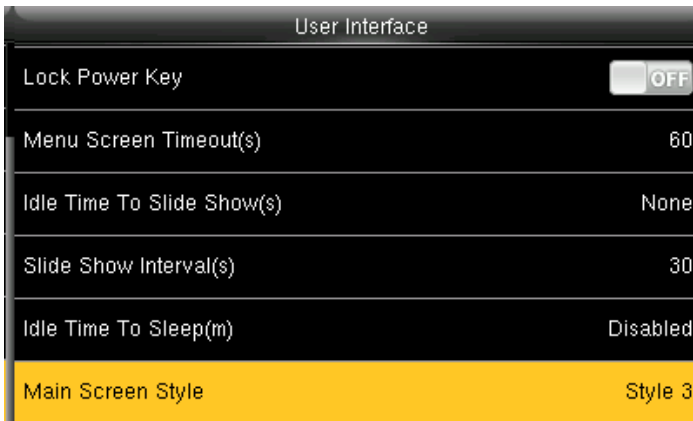
This parameter can be either disabled or ranges from 30 s to 999s.

User Interface	
Lock Power Key	<input type="checkbox"/> OFF
Menu Screen Timeout(s)	60
Idle Time To Slide Show(s)	None
Slide Show Interval(s)	30
Idle Time To Sleep(m)	Disabled
Main Screen Style	Style 3

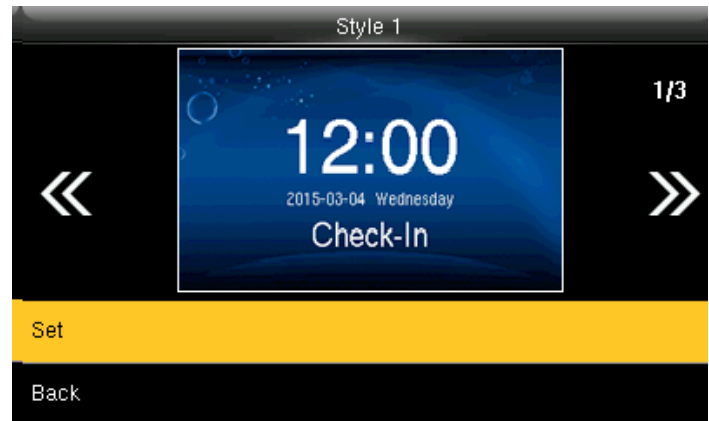
This parameter is used to specify a period after which the device is put in sleep mode if no operation within this period. You can wake up the device from sleep by pressing any key or touching the screen.

Idle Time To Sleep(m)	
<input checked="" type="radio"/>	Disabled
<input type="radio"/>	30
<input type="radio"/>	45
<input type="radio"/>	60
<input type="radio"/>	75
<input type="radio"/>	User Defined

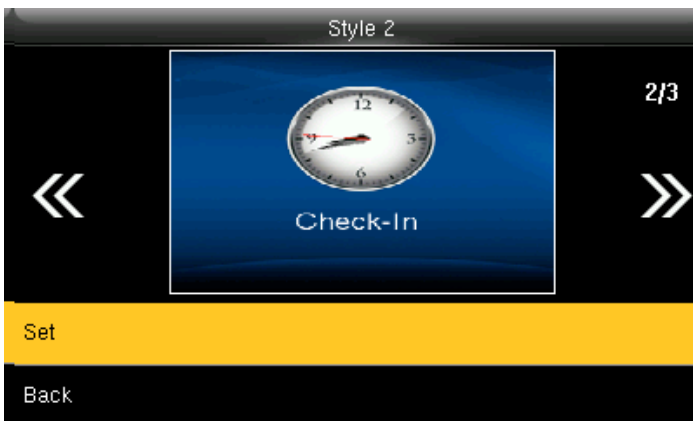
Numerical range in 30 minutes, the factory default for 30 minutes.



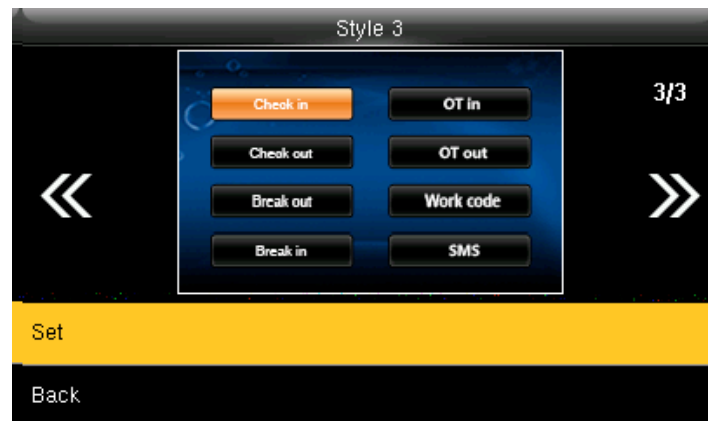
This is to set where and how the clock and status key are displayed on the main screen.



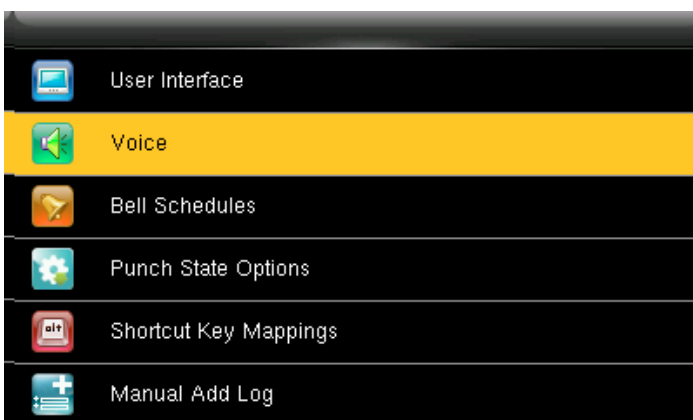
Here is the "Style 1". If you want this style press SET and **OK**. And if you don't want this style simply press back.



Here is the "Style 2". If you want this style press SET and **OK**. And if you don't want this style simply to press back.

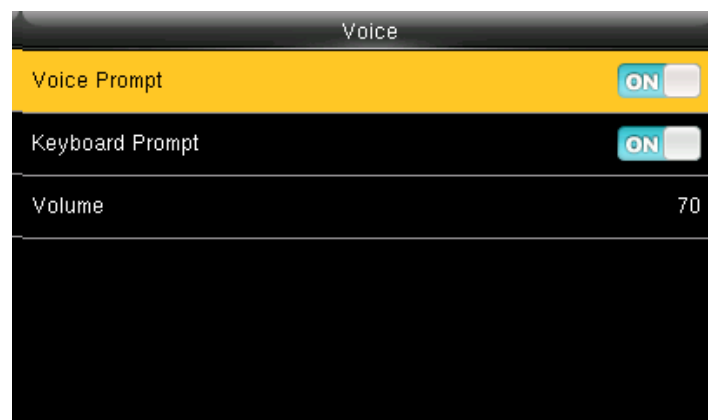


Here is the "Style 3". If you want this style press SET and **OK**. And if you don't want this style simply press back

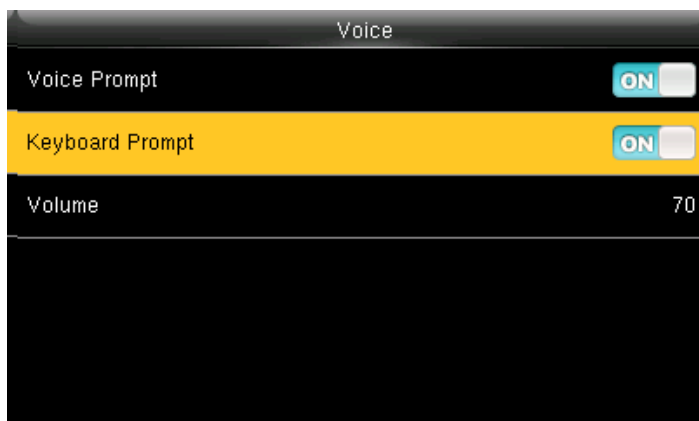


5.2 VOICE

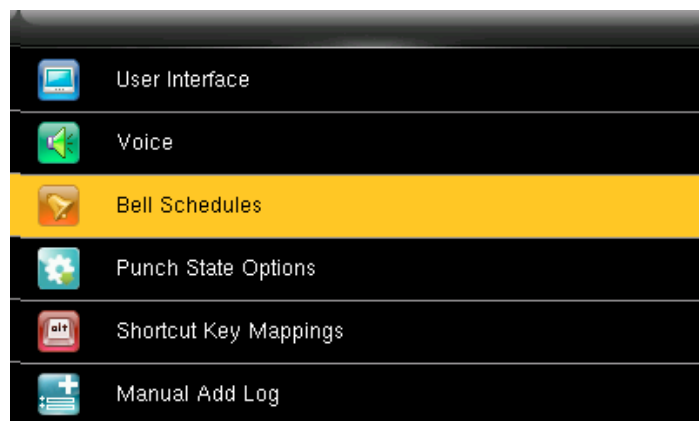
Select "Voice" and press **OK**.



Voice prompt: This parameter is used to set whether to play voice prompts during the operation of the FFR terminal. Select **ON** to enable the voice prompt, and select **OFF** to mute.

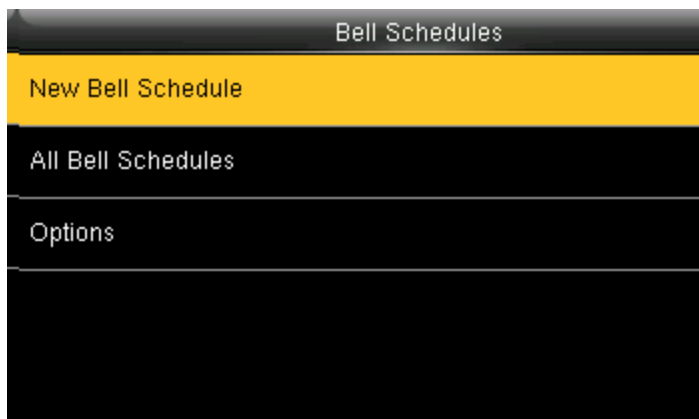


Keyboard prompt: This parameter is used to set whether to generate beep sound in response to every keyboard touch. Select **ON** to enable the beep sound, and select **OFF** to mute

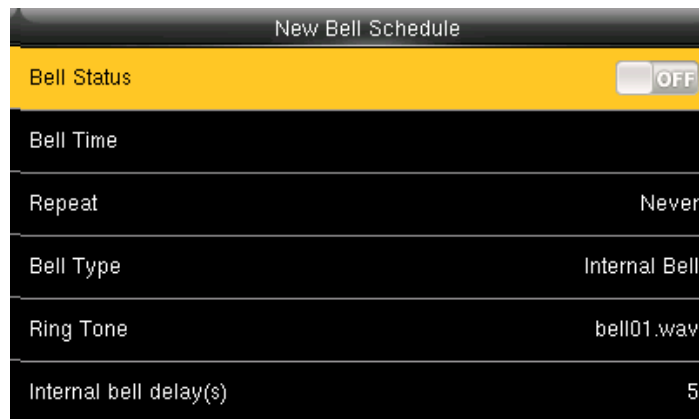


5.3 BELL SCHEDULES

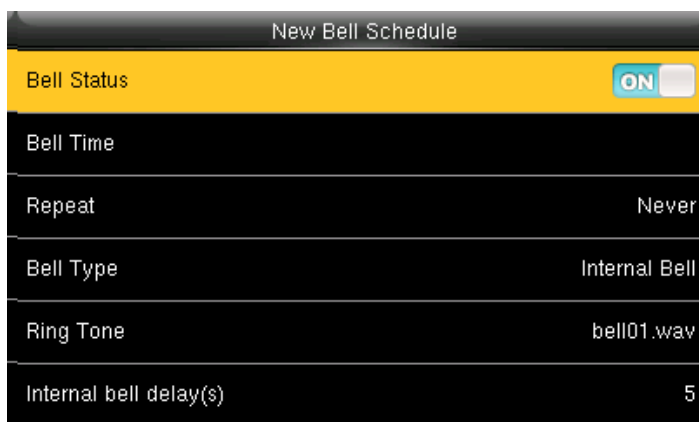
Select "Bell Schedules" and press **OK**.



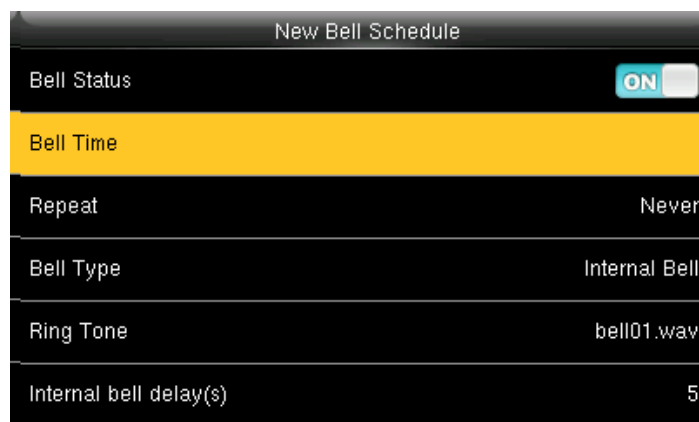
Click on **New bell schedule.**



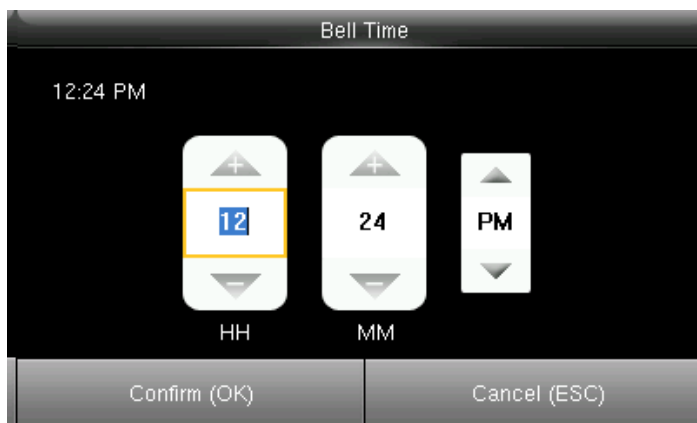
Click on bell status. It is whether you want the bell to enable. If you turn **OFF** it will disable the bell.



If you turn **ON** it will enable the bell.

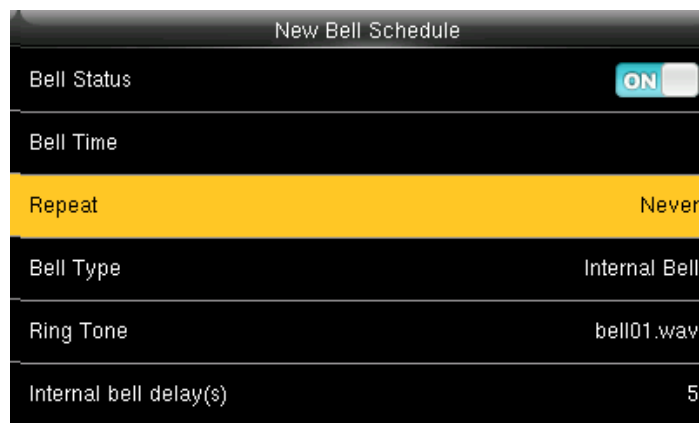


The bell rings automatically when it is the specified time.

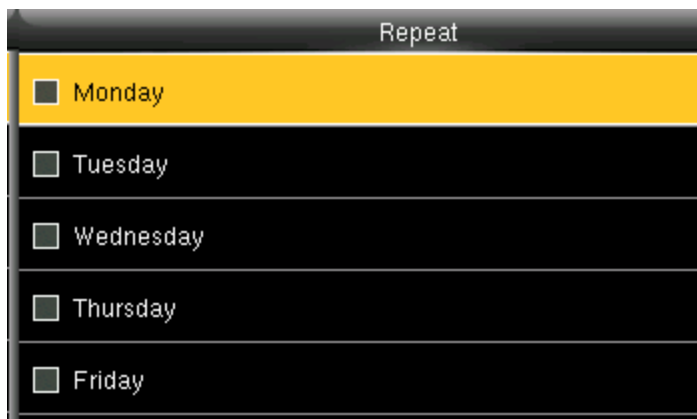


You can change the timings for the bell to ring using the keypad and then confirm **OK**.

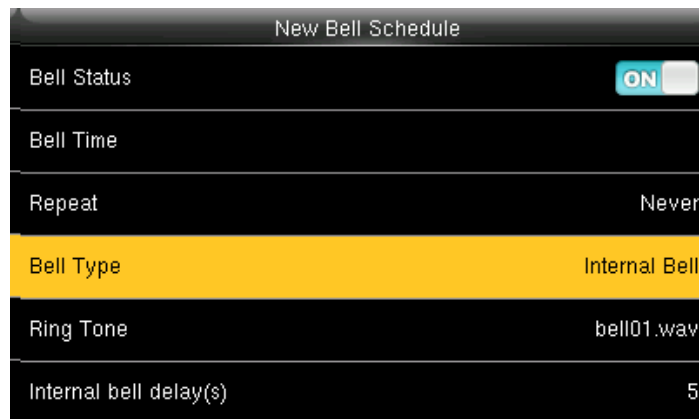
Here the bell is schedule at 12.24PM.



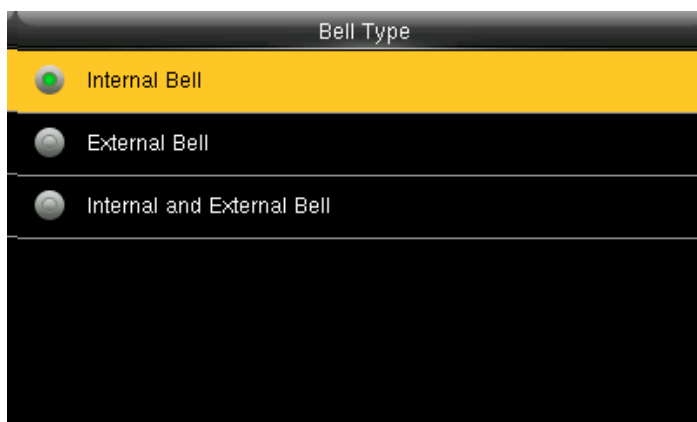
The Repeat function specifies whether to repeat the ringtone



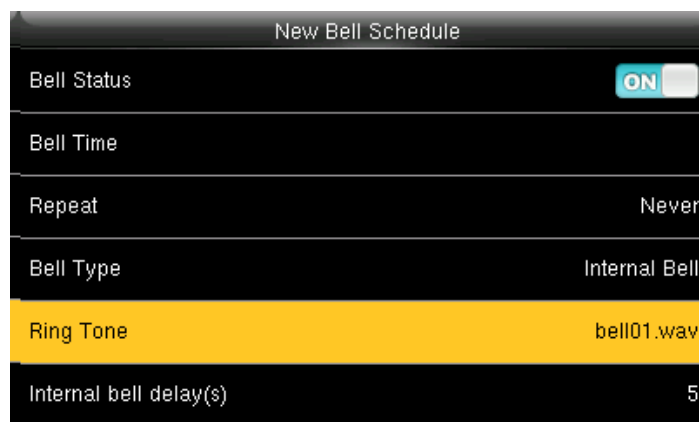
You can select any day of the week to repeat the ringtone. And if you don't want the ringtone to be repeated set to never.



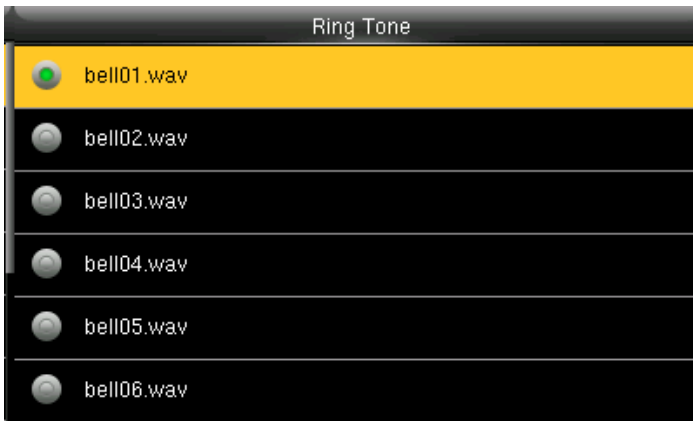
Select **Bell Type** and press **OK**.



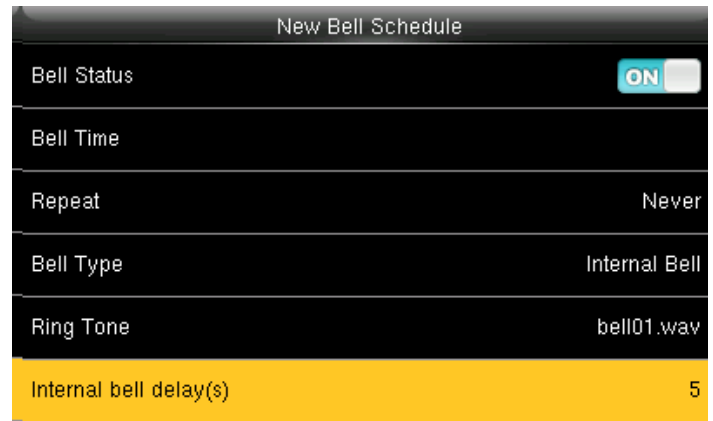
Here you can select the bell type. If you want the ringtone to be played internally than select internal bell, for external select external bell and for both select internal and external bell.



Select **Ringtone** and press **OK**.



You can select any ringtone you want from the above options and press **OK**.

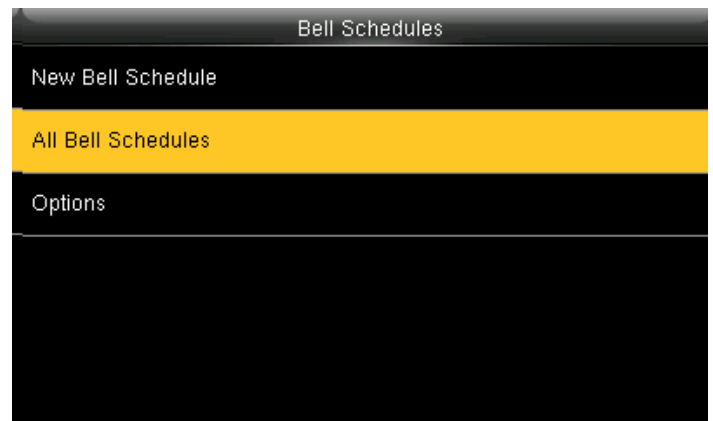


Select **Internal bell delay(s)** and press **OK**.

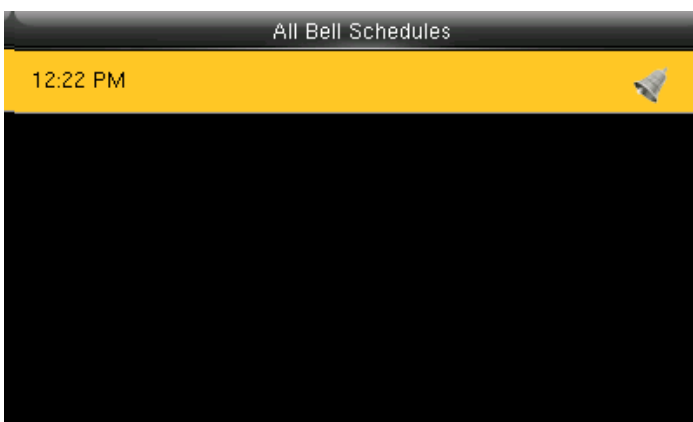
It specifies the duration for ringtone playing



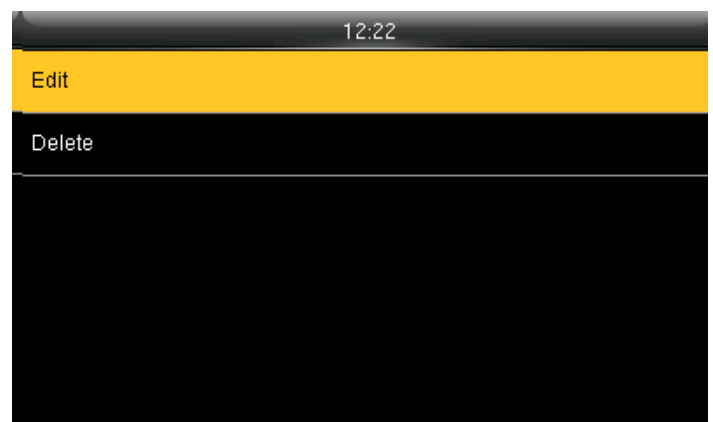
You can edit the delay of the internal bell from the image above. It ranges from 5 to 99 seconds.



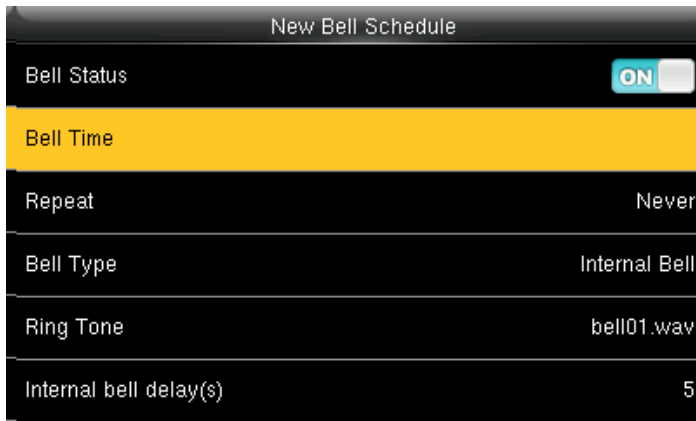
Select **All bell schedules** and press **OK**.



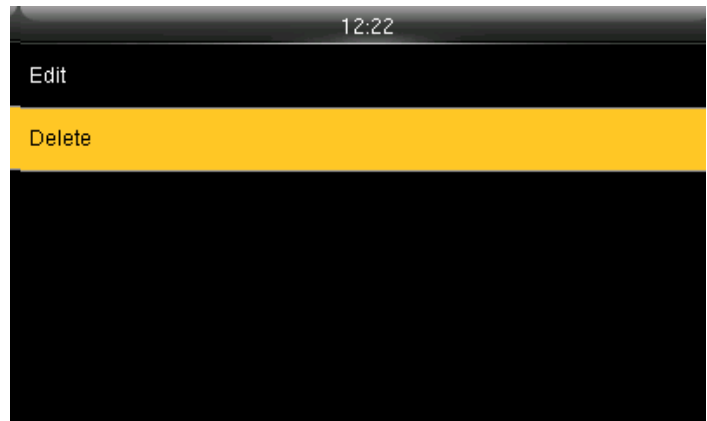
Select New Bell Schedules and press **OK**



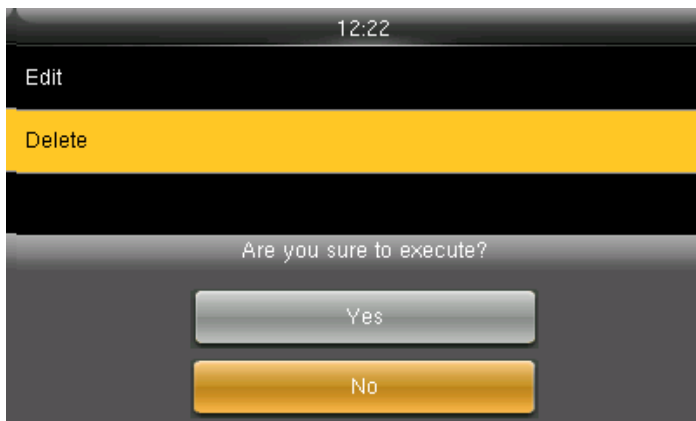
Select **Edit** and press **OK**



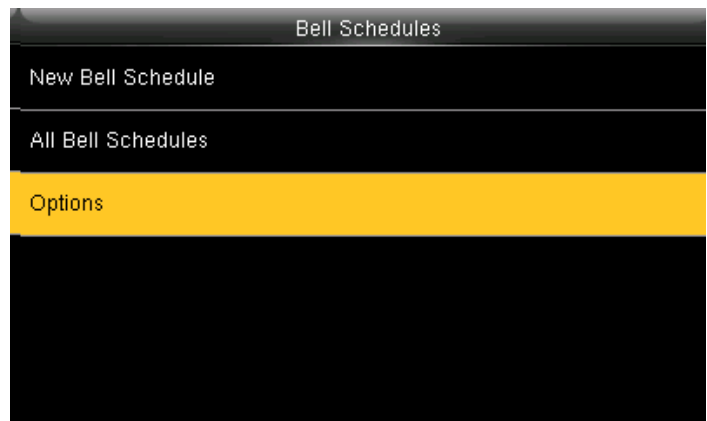
Select Item you wish to edit.



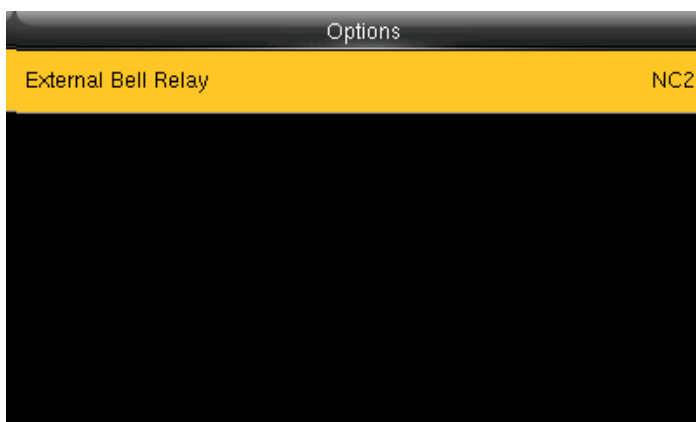
Press ▼ to "Delete" and press **OK**.



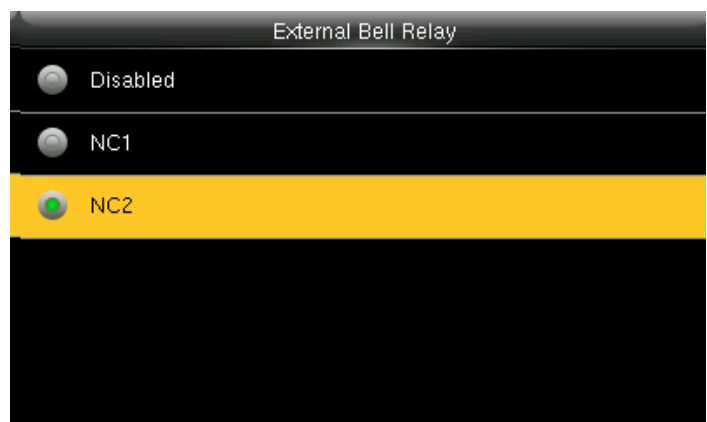
Press ▼ to select **YES** or **NO**.



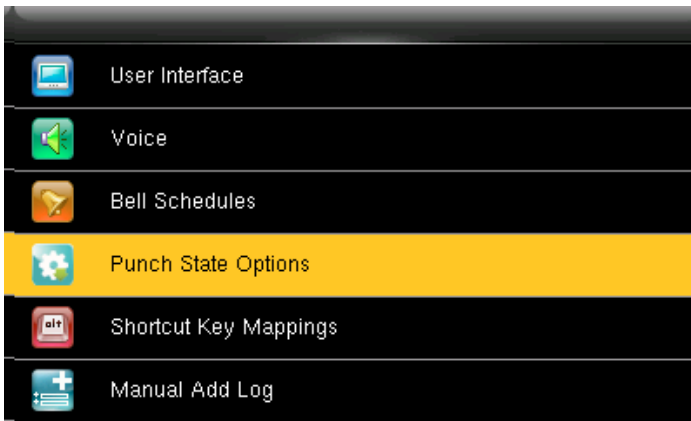
Press ▼ to select **Options** and press **OK**.



Select **External Bell Relay**.

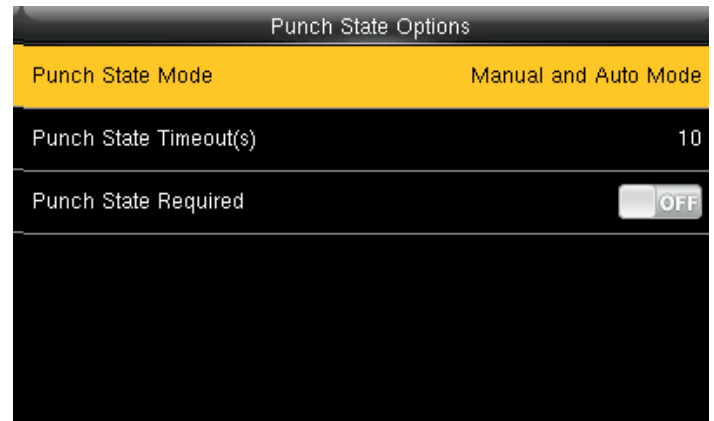


Press ▼ to select, press **OK** to save and return.

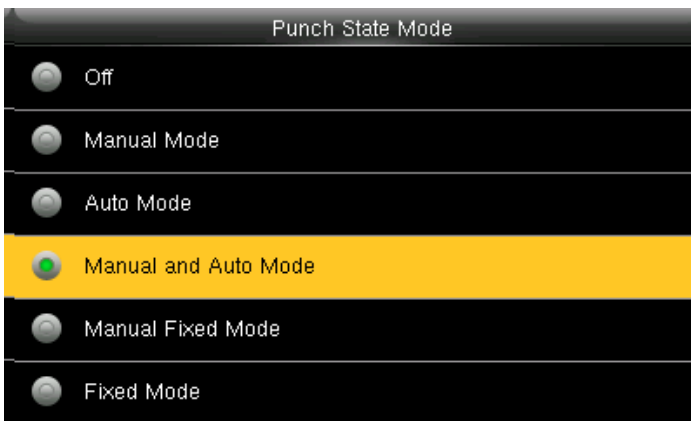


5.4 PUNCH STATE OPTIONS

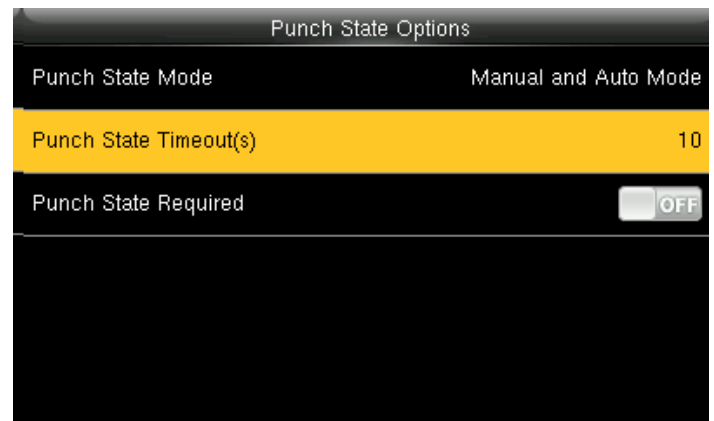
Press ▼ to select **Punch State Options** and press **OK**.



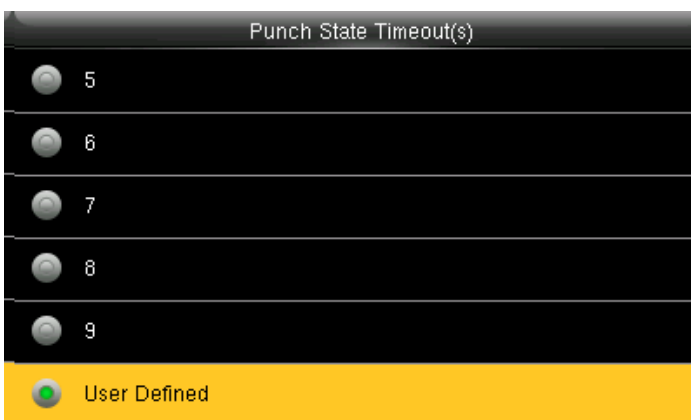
Press ▼|▲ and **OK** to select items. When the setting is completed, press **OK** to save the setting and exit.



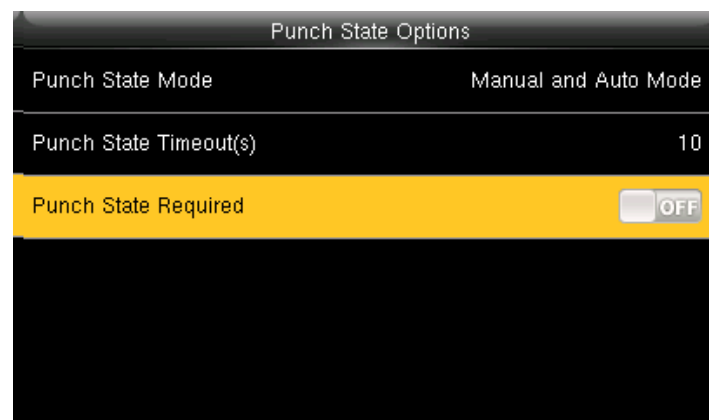
The main interface displays the status keys that can be switched automatically, and you are also allowed to switch status keys manually. A status key you select manually will be switched according to the automatic switching plan after it disappears upon a timeout.



Punch state timeout specifies the timeout period of the status key displayed on the main interface.



You can change the punch state timeout from the image above. The timeout ranges from 5 to 99 sec.



specifies whether the status of work attendance check must be selected during authentication. Here when its off it won't be selected.

Punch State Options	
Punch State Mode	Manual and Auto Mode
Punch State Timeout(s)	10
Punch State Required	<input checked="" type="checkbox"/> ON

Specifies whether the status of work attendance check must be selected during authentication.
When it's on it will be selected.

	User Interface
	Voice
	Bell Schedules
	Punch State Options
	Shortcut Key Mappings
	Manual Add Log

5.5 SHORTCUT KEY MAPPING

Press ▼ to select **Shortcut Key Mappings** and press **OK**

Shortcut Key Mappings	
ESC Key	Undefined
Up Key	Undefined
Down Key	Undefined
Right Key	Undefined
F1	Check-In
F2	Check-Out

Select the keys and assign the group to that key.

Shortcut Key Mappings	
Down Key	Undefined
Right Key	Undefined
F1	Check-In
F2	Check-Out
F3	Tip Code
F4	Job Code

Pressing switch will enable and disable the each individual "Job Groups".

Shortcut Key Mappings	
ESC Key	Undefined
Up Key	Undefined
Down Key	Undefined
Right Key	Undefined
F1	Check-In
F2	Check-Out

Select **F1** key as **Check in.**

F1	
Punch State Value	0
Function	Punch State Options
Name	Check-In
Set Switch Time	
Select Job Group	Disable
Select Tip Group	Disable

Select **Punch State Value** and press **OK**.

Here you can change the punch state value in the input screen by using the keypad. The value ranges from 0~250.

Here select punch state options as **Function**

You can change the function for the keys above.

Select name for F1

You can name the key for F1 if you want. Here F1 is selected as check in.

Select **Set Switch Time** and press **OK**.

Here you can **Switch Cycle**

Select job group and press **OK**. If you disable, the job group will be disabled and it will not show on the screen

You can select any job group you want and you can name the job group by using the keypad.

If you "Disable" the tip group the tip group will not be displayed on the screen.

To enable the tip group you can select the tip group you wish to enter in that group.

Here all the tip groups have been selected as above.

Shortcut Key Mappings	
ESC Key	Undefined
Up Key	Undefined
Down Key	Undefined
Right Key	Undefined
F1	Check-In
F2	Check-Out

Select **F2** as **Check Out**.

F2	
Punch State Value	1
Function	Punch State Options
Name	Check-Out
Set Switch Time	
Select Job Group	Disable
Select Tip Group	Disable

Select **Punch State Value**.

F3	
Punch State Value	
Function	
Select Tip Group	

Select **F3** as "Tip code". For more details refer to [Section 13](#).

Punch State Value	
Please input (0 ~ 254)	
251	
Confirm (OK)	Cancel (ESC)

Here the punch state value is set to 251

You can change the value of the punch state by changing the value in the input screen with the help of keypad.

F3	
Punch State Value	251
Function	Tip Code
Select Tip Group	Disable

Select **F3** as **Tip code**. For more details refer to [Section 13](#).

Function	
<input type="radio"/>	Firmware Info
<input type="radio"/>	Work Code
<input type="radio"/>	Public Message
<input type="radio"/>	Personal Record Search
<input type="radio"/>	Job Code
<input checked="" type="radio"/>	Tip Code

You can change the function for that key from the image above.

Select Tip Group

<input type="checkbox"/>	Breakfast
<input type="checkbox"/>	Lunch
<input type="checkbox"/>	Supper

Here the tip group is disable and no tip group has been selected.

Select Tip Group

<input checked="" type="checkbox"/>	Breakfast
<input checked="" type="checkbox"/>	Lunch
<input checked="" type="checkbox"/>	Supper

You can select the tip group you want. Here all the tip group are selected

F3

Punch State Value	251
Function	Tip Code
Select Tip Group	Disable

When you select all the tip group the select tip group will display as "All group".

Shortcut Key Mappings

Down Key	Undefined
Right Key	Undefined
F1	Check-In
F2	Check-Out
F3	Tip Code
F4	Job Code

Select **F4** as **Job Code**.

For More Details please refer to NO.12

F4

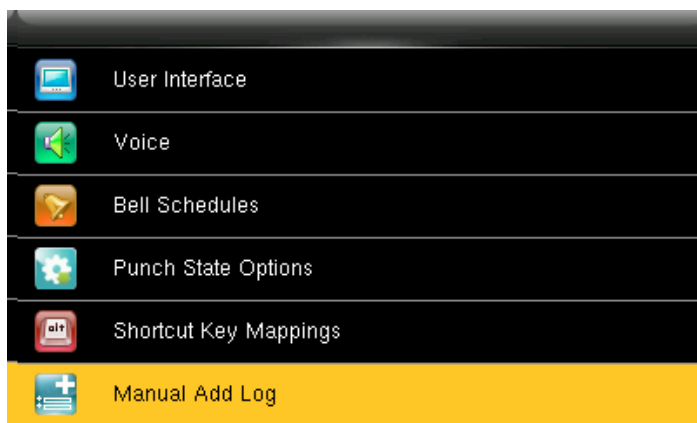
Function	Job Code
----------	----------

Select the **Function** self-service for F4 and the F4 key will display as Job Code on the main screen.

Function

<input type="radio"/>	Work Code
<input type="radio"/>	Public Message
<input type="radio"/>	Personal Record Search
<input type="radio"/>	Job Code
<input type="radio"/>	Tip Code
<input checked="" type="radio"/>	Break -Out

You can change the functions from above.

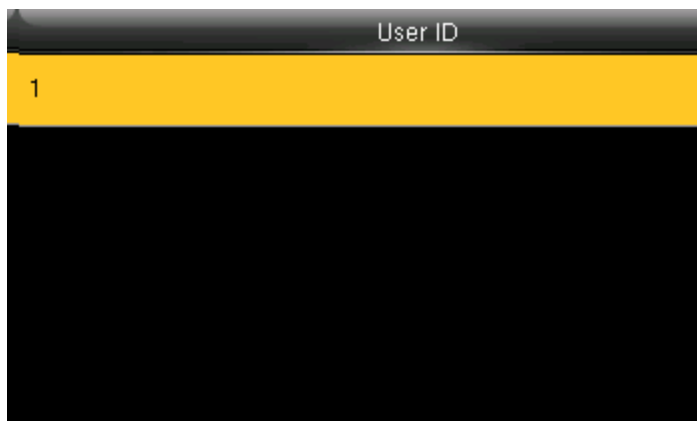


5.6 MANUAL ADD LOG

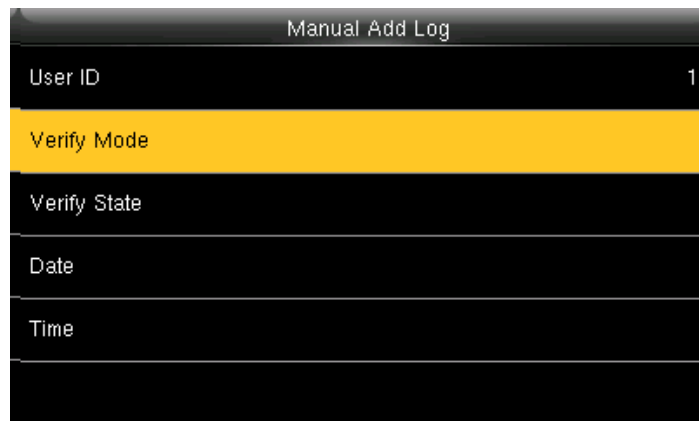
Select **Manual add log** and press **OK**.



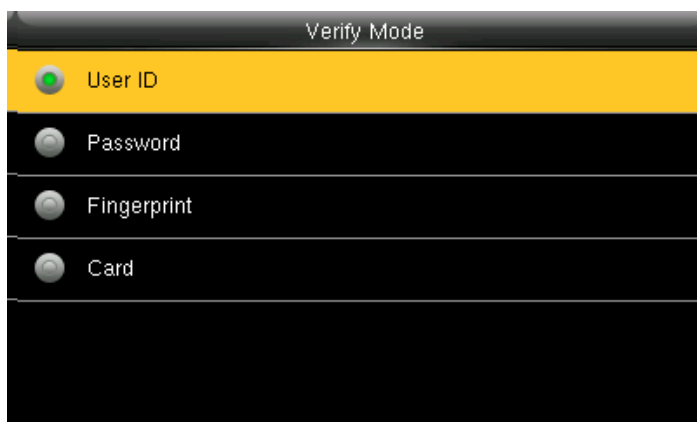
Click on **User ID**



The user id is displaying as 1.



Click on **Verify mode.**



Here you can select any verification mode you want the user to get verified. The user can verify themselves either with their UserID, Fingerprint, Password or Card/Badge.



Select verify state as none. In this settings, all the user from all state can verify themselves.

If you verify the state, the user from that state can only verify themselves.

Manual Add Log	
User ID	
Verify Mode	
Verify State	None
Date	11/03/17
Time	

Select **Date** and press **OK**.

Date		
11/03/17		
<div>↑ 2017 ↓</div>	<div>↑ 11 ↓</div>	<div>↑ 03 ↓</div>
YYYY	MM	DD
Confirm (OK)		Cancel (ESC)

You can set the date by using the keypad. Here the date is set to 11/03/2017.

Manual Add Log	
User ID	
Verify Mode	
Verify State	
Date	
Time	

Select **Time** and press **OK**.

Time			
12:43:38 PM			
<div>↑ 12 ↓</div>	<div>↑ 43 ↓</div>	<div>↑ 38 ↓</div>	<div>↑ PM ↓</div>
HH	MM	SS	
Confirm (OK)		Cancel (ESC)	

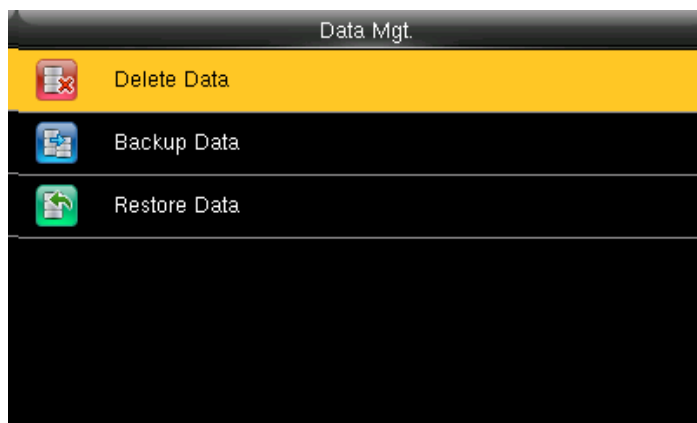
You can set the "Time" by using the keypad. Here the time is set to 12hr, 43min, 38ss.



DATA MANAGEMENT

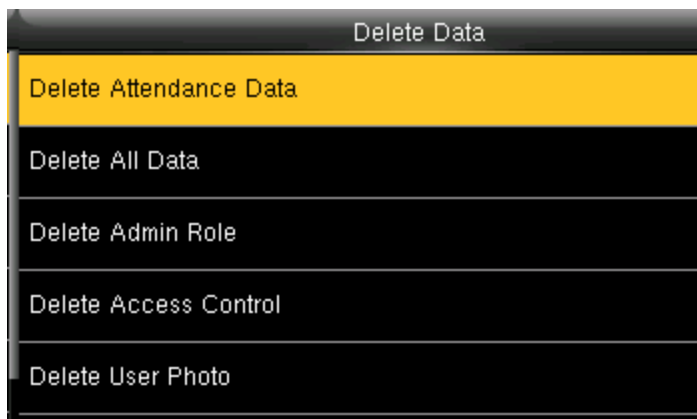


Select **Data Manager** and press **OK**

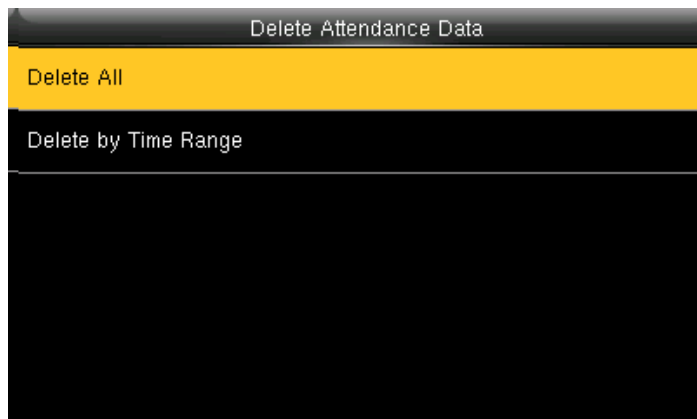


6.1 DELETE DATA

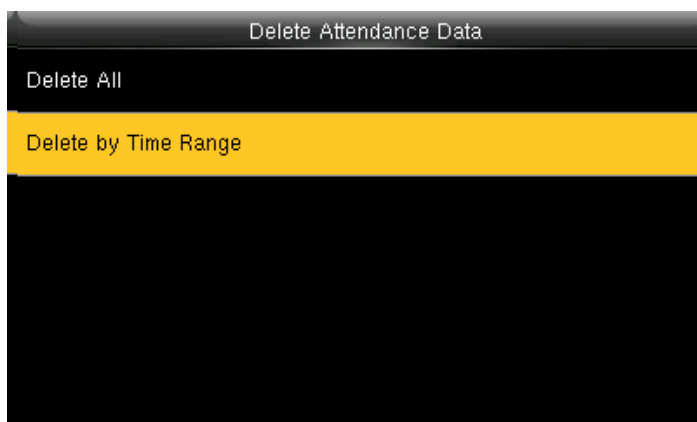
Select **Delete Data** and press **OK**.



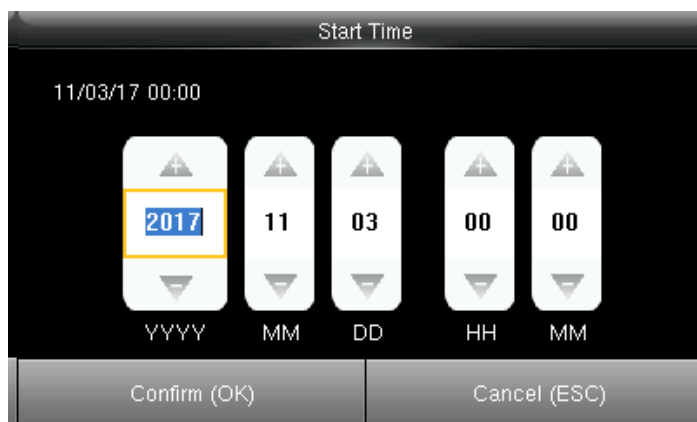
It will delete the attendance records



When select **Delete All** it will delete all the attendance records

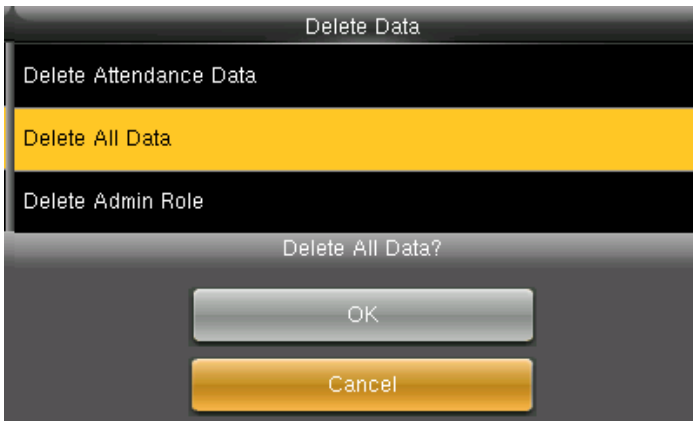


You can delete the attendance data by **Time Range** too.

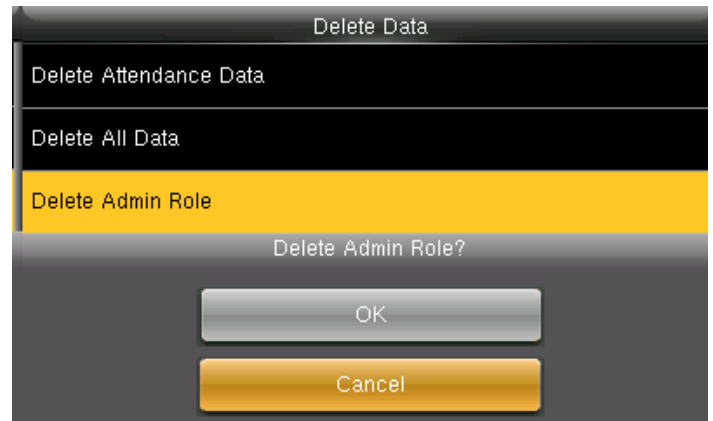


To selete by time range you can select the time you want the data to be deleted.

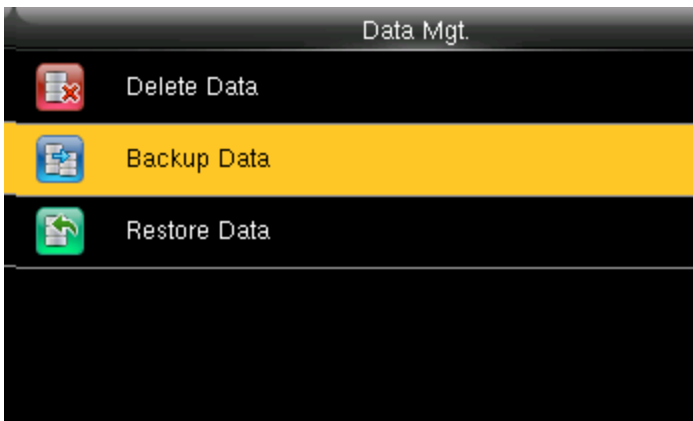
It will delete the data for that specific time you selected.



Here you can delete all data by selecting delete all data and press **OK**. **CANCEL** will take you back to previous screen.

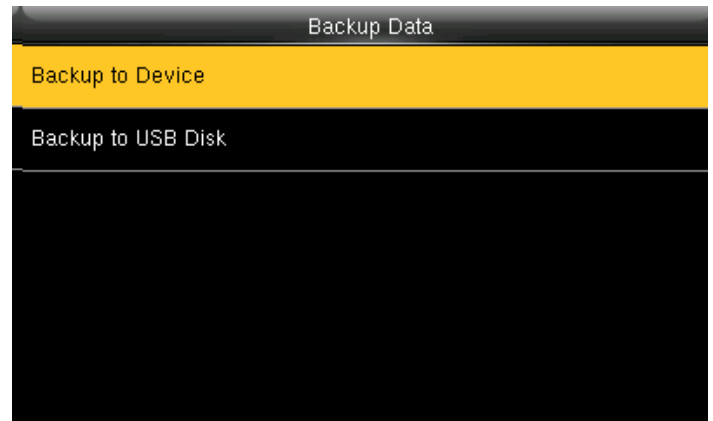


Here you can delete admin role by selecting delete admin role and press **OK**. **CANCEL** will take you back to previous screen

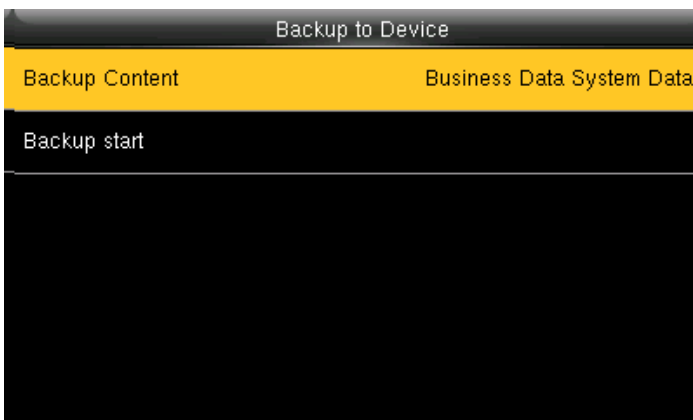


6.2 BACKUP DATA

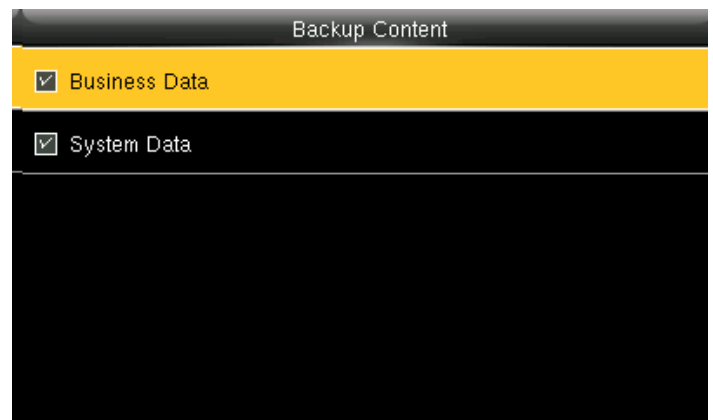
Press ▼ to select **Backup Data** and press **OK**.



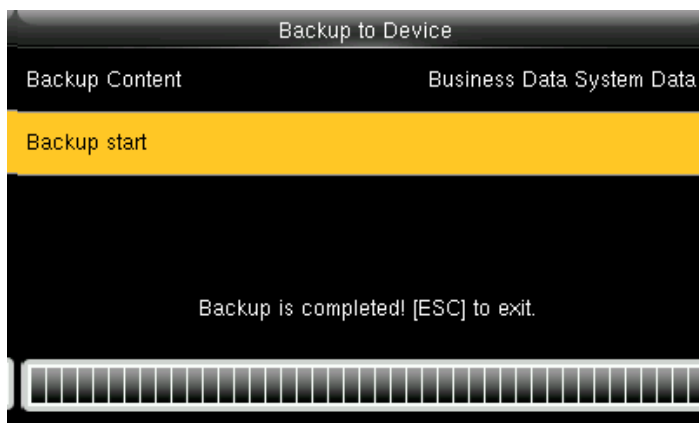
Press ▼ to select **Backup to Device** and press **OK**.



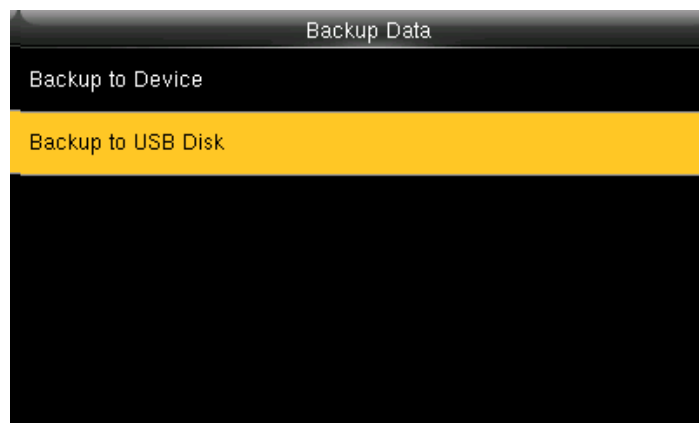
Press ▼ and **OK** to select the local configuration items to be backed up to device the selected items.



You can select the content you want to backup.



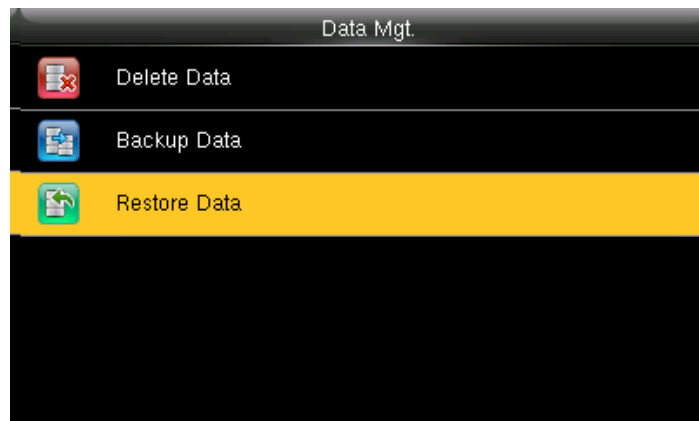
Press ▼ to select **Backup Start** and press **OK**.



Backup to USB Disk, the operations are similar to those performed to Backup to Device.

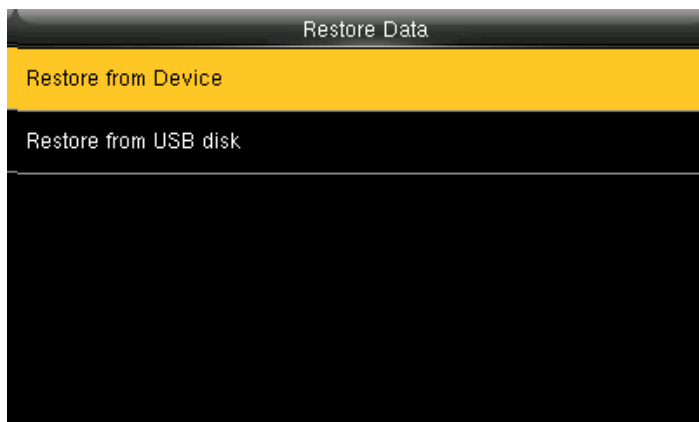


If the usb is not properly inserted the above screen will be displayed. You can either change the USB or insert it properly again.

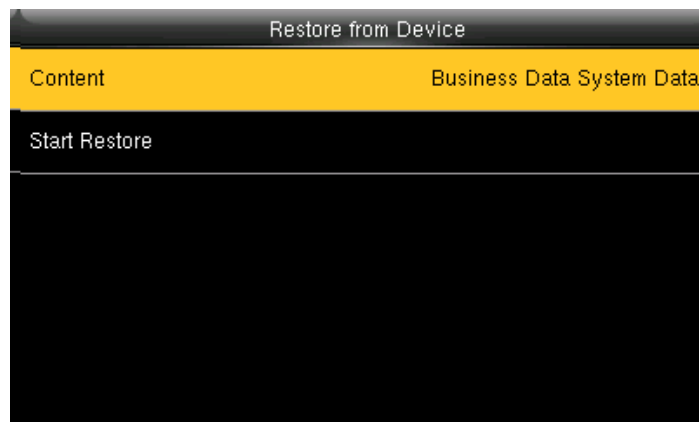


6.3 RESTORE DATA

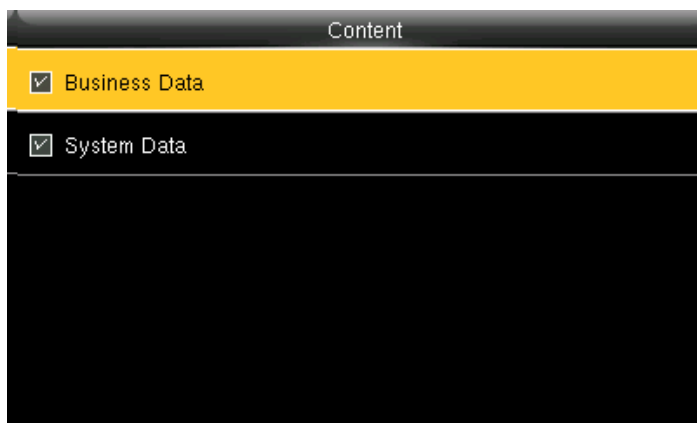
Press ▼ to select **Restore Data** and press **OK**



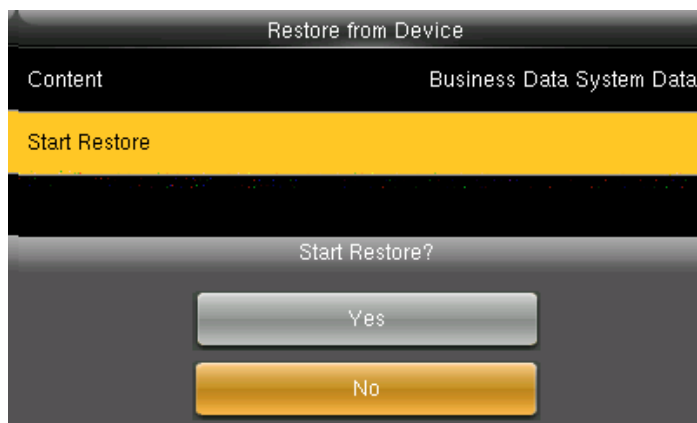
Press ▼ to select **Backup from Device** and press **OK**



Select the local configuration items to be restored and save the selected items.

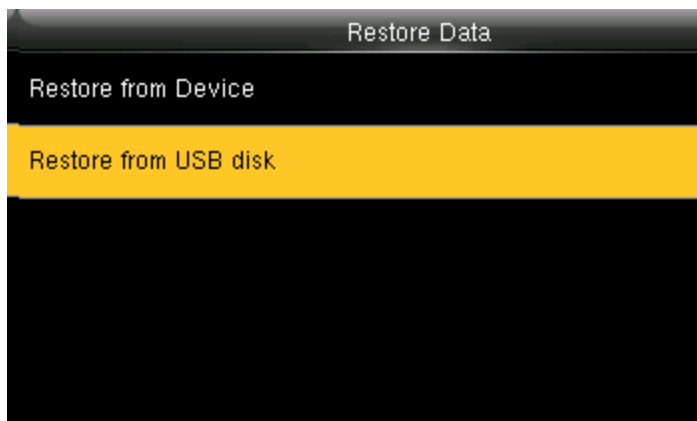


You can select the content you want to restore.



select **Start Restore** and press **OK**.

select **Yes** or **NO** Device and press **OK**.



Restore from USB Disk the operations are similar to those performed to restore from Device.



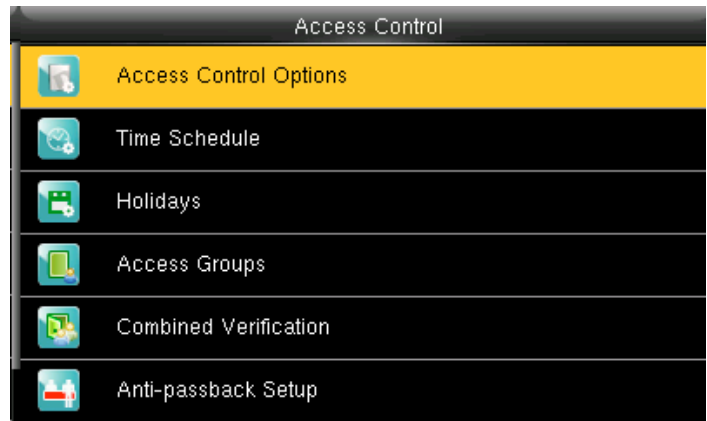
If the usb is not properly inserted the above screen will be displayed. You can either change the USB or insert it properly again.



ACCESS CONTROL

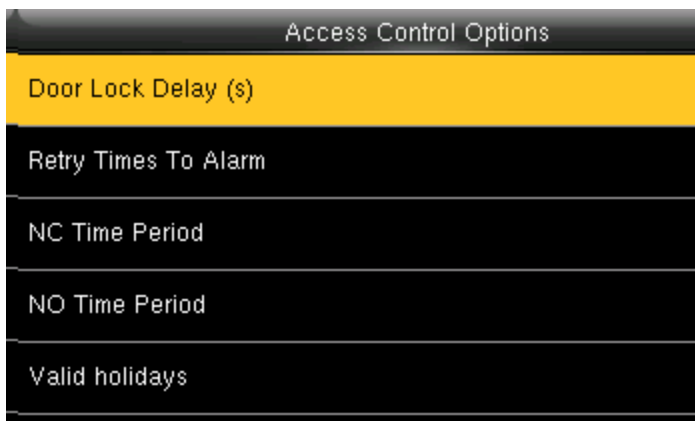


Select **Access Control** and press **OK**.

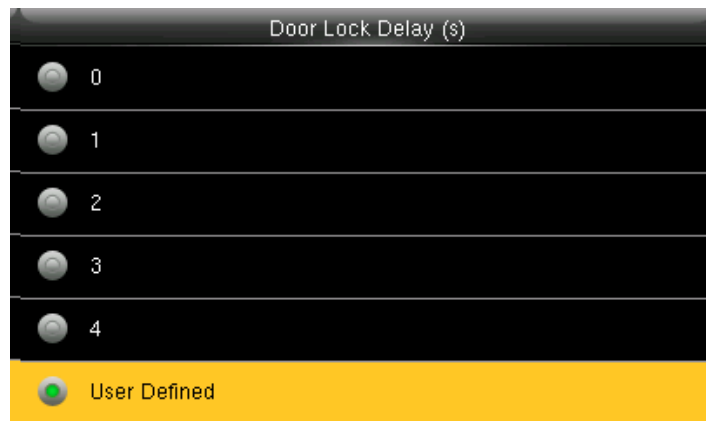


7.1 ACCESS CONTROL OPTIONS

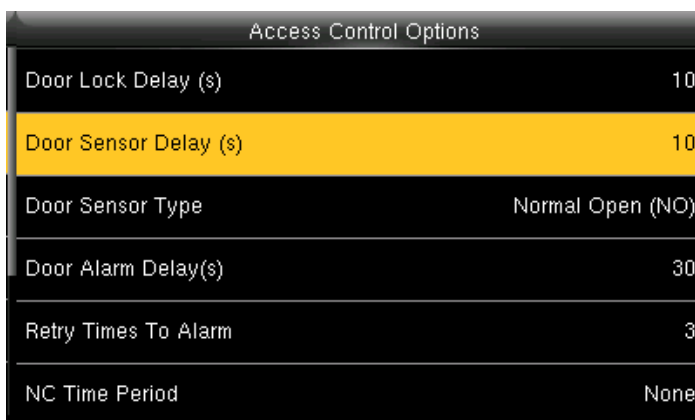
Select **Access Control Options** and press **OK**.



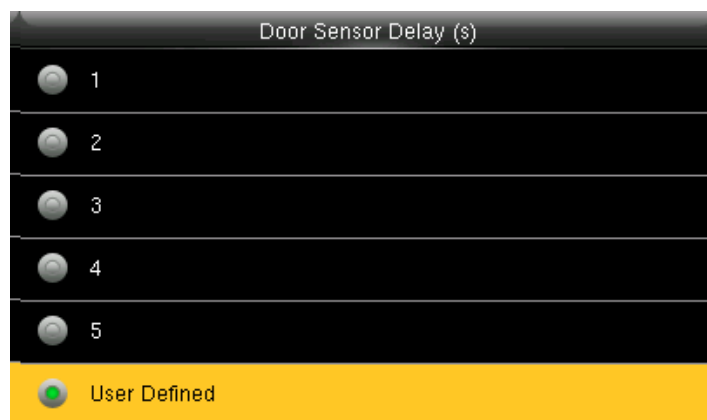
Device control electronic lock is in enabling time



You can select the delay time for door lock from above menu.
It ranges from 1~10s.



Click on **Door Sensor Delay** and press **OK**



You can delay the sensor of the door from the options above.
The "Door Sensor Delay" ranges in seconds.

Access Control Options	
Door Lock Delay (s)	10
Door Sensor Delay (s)	10
Door Sensor Type	Normal Open (NO)
Door Alarm Delay(s)	30
Retry Times To Alarm	3
NC Time Period	None

Click on **Door Sensor Type** and press **OK**

Door Sensor Type	
<input checked="" type="radio"/>	Normal Open (NO)
<input type="radio"/>	Normal Close (NC)
<input type="radio"/>	None

You can select the type of the door sensor from the options above.

Access Control Options	
Door Lock Delay (s)	10
Door Sensor Delay (s)	10
Door Sensor Type	Normal Close (NC)
Door Alarm Delay(s)	30
Retry Times To Alarm	3
NC Time Period	None

Click on **Door Alarm Delay** and press **OK**

Door Alarm Delay(s)	
<input type="radio"/>	0
<input type="radio"/>	1
<input type="radio"/>	2
<input type="radio"/>	3
<input type="radio"/>	4
<input checked="" type="radio"/>	User Defined

You can set the timing for door to remain open from the options above.
The Door Alarm Delay ranges in seconds.

Access Control Options	
Door Lock Delay (s)	10
Retry Times To Alarm	3
NC Time Period	None
NO Time Period	None
Valid holidays	<input type="checkbox"/> OFF
Reset Access Setting	

When the failed press times reach the set times, alarm signal will come out.

Retry Times To Alarm	
<input type="radio"/>	None
<input type="radio"/>	1
<input type="radio"/>	2
<input checked="" type="radio"/>	3
<input type="radio"/>	4
<input type="radio"/>	5

You can select the "Retry times To Alarm" from above menu.
It ranges from 1~9 times.

Access Control Options	
Door Lock Delay (s)	10
Retry Times To Alarm	3
NC Time Period	None
NO Time Period	None
Valid holidays	<input type="checkbox"/> OFF
Reset Access Setting	

Set time zone for access control NC. Nobody can unlock during this time zone.

When time zone is set for NO or NC, please set door sensor mode as None, or alarm signal may come out during time zone of NO or NC.

NC Time Period
Please input (0 ~ 50)
<input type="text" value="0"/>
Confirm (OK) Cancel (ESC)

You can change the time period in the input section with the help of the keypad.

The time period ranges from 0~50.

Access Control Options	
Door Lock Delay (s)	10
Retry Times To Alarm	3
NC Time Period	None
NO Time Period	None
Valid holidays	<input type="checkbox"/> OFF
Reset Access Setting	

Set time zone for access control NO. The lock is always in enabling state during this time zone

When time zone is set for NO or NC, please set door sensor mode as None, or alarm signal may come out during time zone of NO or NC.

NO Time Period
Please input (0 ~ 50)
<input type="text" value="0"/>
Confirm (OK) Cancel (ESC)

You can change the time period in the input section with the help of the keypad.

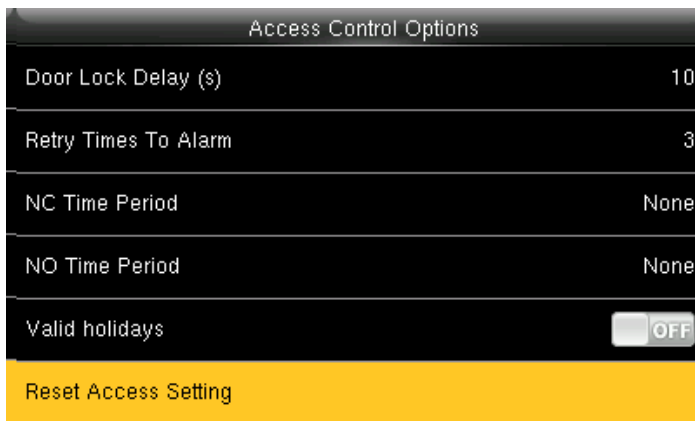
The time period ranges from 0~50

Access Control Options	
Door Lock Delay (s)	10
Retry Times To Alarm	3
NC Time Period	None
NO Time Period	None
Valid holidays	<input type="checkbox"/> OFF
Reset Access Setting	

If you select **OFF** holiday will not be taken into account.

Access Control Options	
Door Lock Delay (s)	10
Retry Times To Alarm	3
NC Time Period	None
NO Time Period	None
Valid holidays	<input checked="" type="checkbox"/> ON
Reset Access Setting	

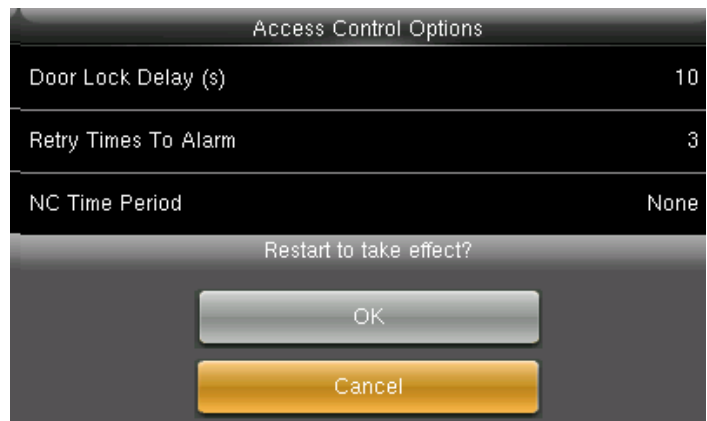
If you select **ON** holiday will be taken into account



Access Control Options

Door Lock Delay (s)	10
Retry Times To Alarm	3
NC Time Period	None
NO Time Period	None
Valid holidays	<input type="checkbox"/> OFF
Reset Access Setting	

Select **Reset Access Setting** and press **OK**.



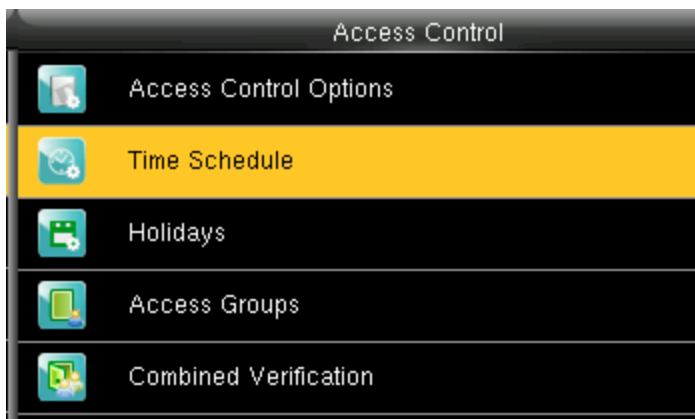
Restart to take effect?

OK

Cancel

If you press **OK** it will restart the device and the changes in the access setting will take place.

Cancel will take you to previous screen.

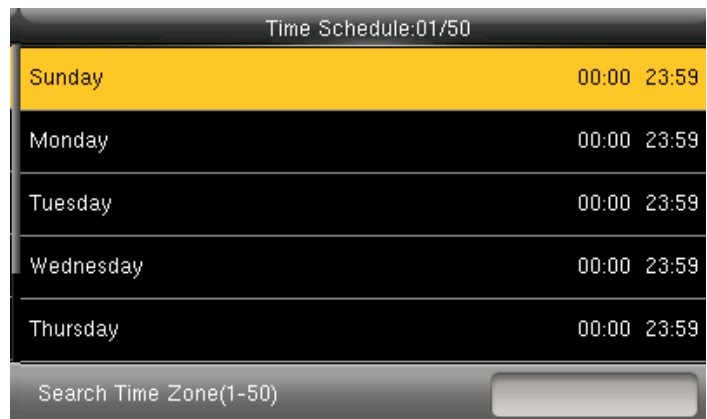


Access Control

- Access Control Options
- Time Schedule**
- Holidays
- Access Groups
- Combined Verification

7.2 TIME SCHEDULE

Select "Time Schedule" and press **OK**.

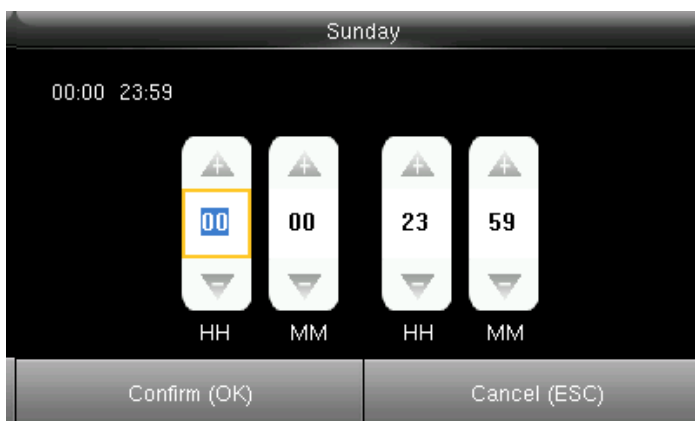


Time Schedule:01/50

Sunday	00:00 23:59
Monday	00:00 23:59
Tuesday	00:00 23:59
Wednesday	00:00 23:59
Thursday	00:00 23:59

Search Time Zone(1-50)

Use numeric keys to search for a time period in the range from 1 to 50. Press ▼ to select the item to be set and press **OK**



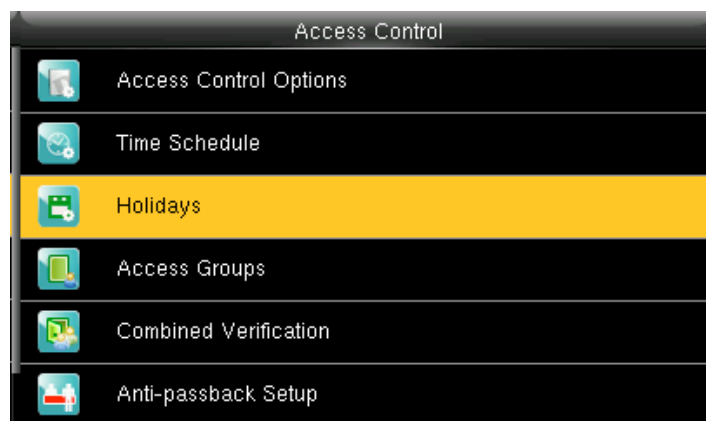
Sunday

00:00 23:59

00	00	23	59
HH	MM	HH	MM

Confirm (OK) Cancel (ESC)

Press / to select a time option and press ▼ / ▲ to set time. After setting a period of time, press **OK** to save the setting and exit

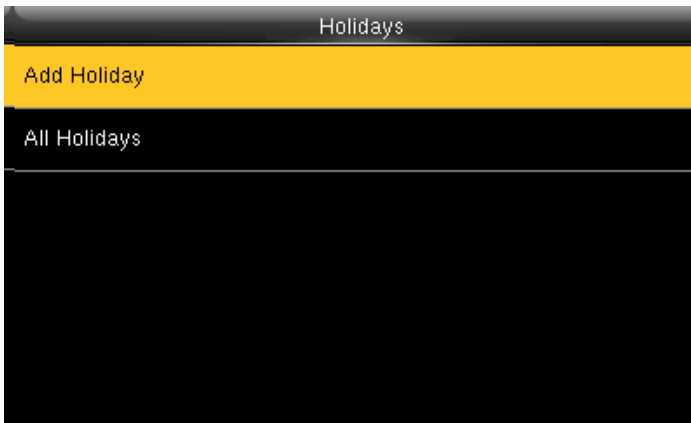


Access Control

- Access Control Options
- Time Schedule
- Holidays**
- Access Groups
- Combined Verification
- Anti-passback Setup

7.3 HOLIDAYS

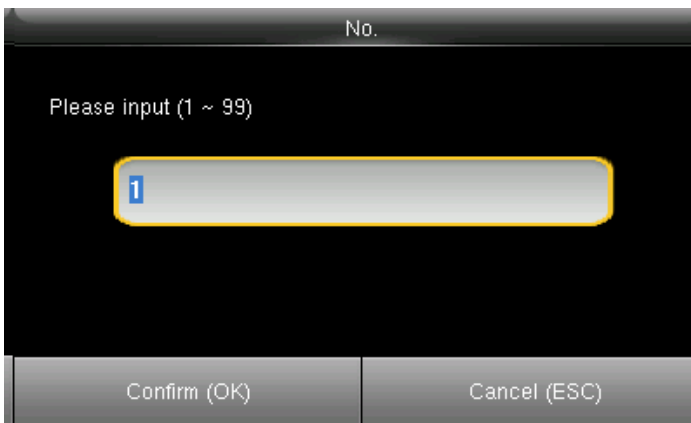
Select **Holidays** and press **OK**.



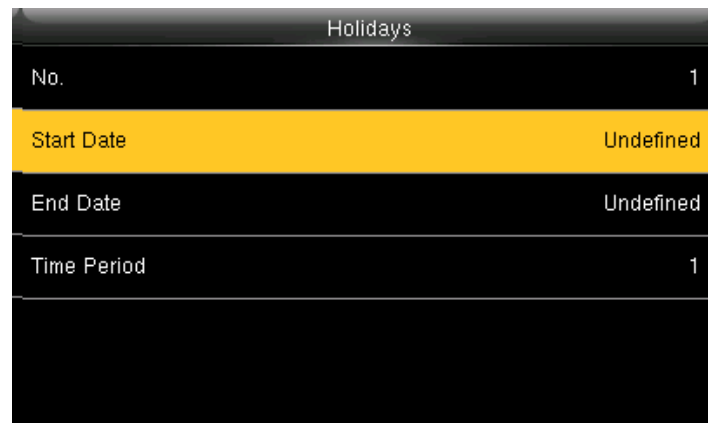
Press **OK** to Add Holiday



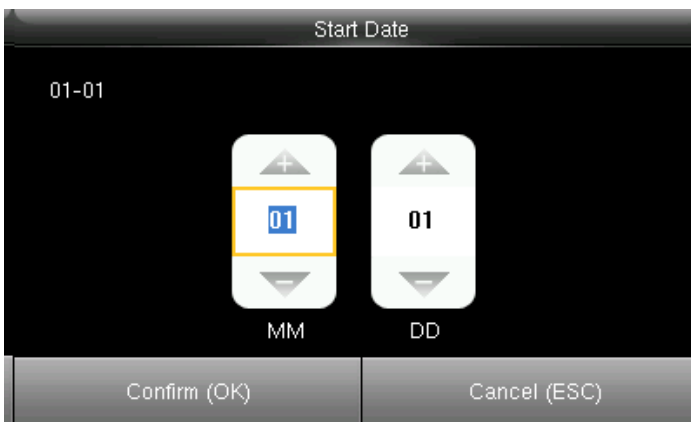
Press **OK**



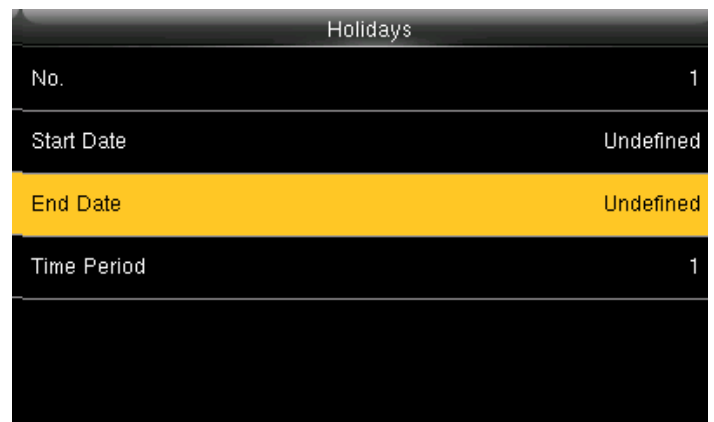
Enter the No. using keypad. Press **OK**



Press ▼ to select **Start Date** and press **OK**



Press / to select a time option and press ▼ / ▲ to set time. After setting a period of time, press **OK** to save the setting and exit.



Press ▼ to select **End Date** and press **OK**

End Date

01-01

MM DD

Confirm (OK) Cancel (ESC)

Press / to select a time option and press ▼ / ▲ to set time. After setting a period of time, press **OK** to save the setting and exit

Holidays

No.	1
Start Date	Undefined
End Date	Undefined
Time Period	1

Press ▼ to select **Time Period** and press **OK**.

Time Period

Please input (0 ~ 50)

1

Confirm (OK) Cancel (ESC)

Enter the Time period using keypad. Press **OK** to return.

Holidays

Add Holiday

All Holidays

To add the holiday select the above option.

Holidays

Add Holiday

All Holidays

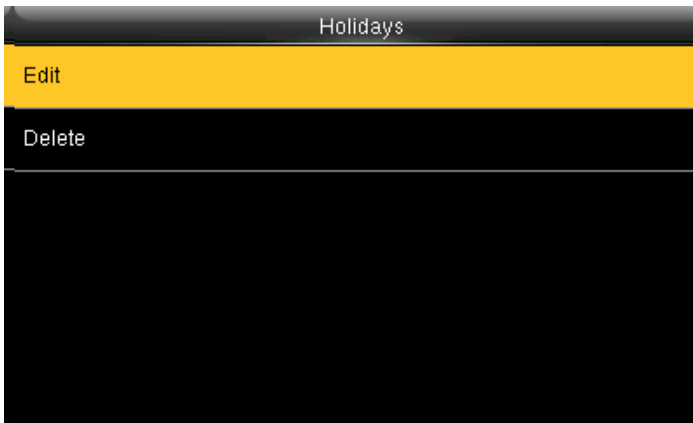
Press ▼ to select **All Holidays** and press **OK**.

All Holidays

1. 1 - 1. 3	Time Period 1
5. 1 - 5. 3	Time Period 1
10. 1 - 10. 3	Time Period 1

Search

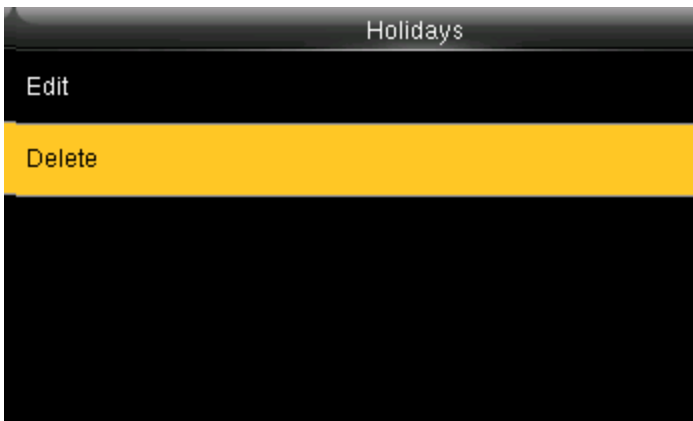
To check the effective **Time Period** of a holiday, enter numbers and you can view the duration of a holiday. Press **OK**.



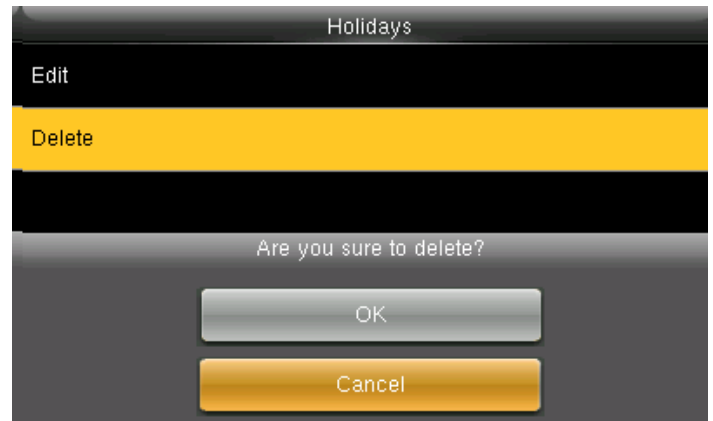
To **Edit** Holidays press **OK**.



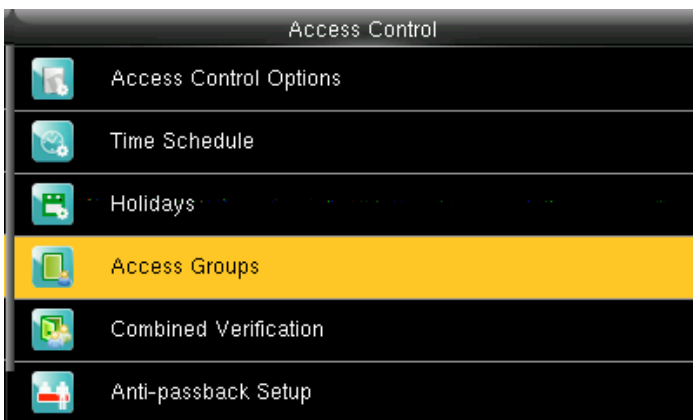
Edit Holidays operations are similar to those performed to add Holidays.



Press ▼ to select to **Edit** or **Delete** and press **OK**.

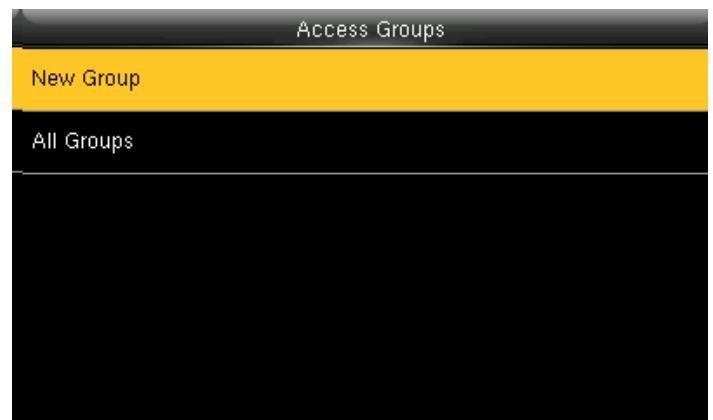


After you select delete press **OK** to delete and **Cancel** to go to previous menu.



7.4 ACCESS GROUP

Select **Access Groups** and press **OK**.



Press **OK** to add **New Group**

Access Groups	
No.	2
Verification Mode	Password/Fingerprint/Badge
Time Period 1	1
Time Period 2	0
Time Period 3	0
Include Holidays	<input type="checkbox"/> OFF

Press **OK**.

No.
Please input (1 ~ 99)
2
Confirm (OK)
Cancel (ESC)

Enter the No. using keypad and press **OK**.

Access Groups	
No.	2
Verification Mode	Password/Fingerprint/Badge
Time Period 1	1
Time Period 2	0
Time Period 3	0
Include Holidays	<input type="checkbox"/> OFF

Press ▼ to select **Verification Mode** and press **OK**.

Verification Mode	
<input checked="" type="radio"/>	Password/Fingerprint/Badge
<input type="radio"/>	Fingerprint only
<input type="radio"/>	User ID only
<input type="radio"/>	Password
<input type="radio"/>	Badge only
<input type="radio"/>	Fingerprint/Password

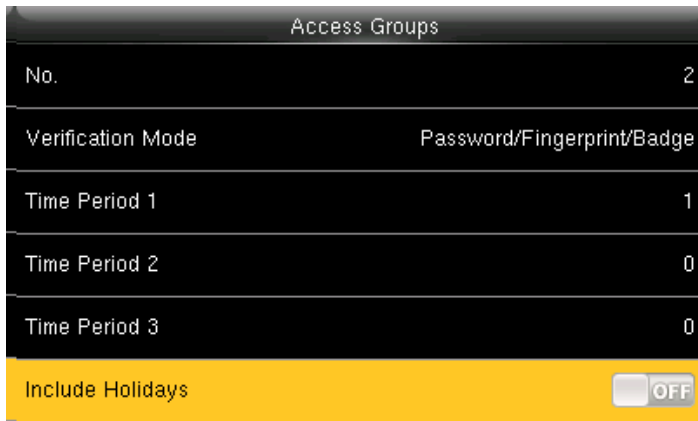
Select Verification Mode, press **OK** to save and return.

Access Groups	
No.	2
Verification Mode	Password/Fingerprint/Badge
Time Period 1	1
Time Period 2	0
Time Period 3	0
Include Holidays	<input type="checkbox"/> OFF

select **Time Period 1** and press **OK**

Time Period 1
Please input (0 ~ 50)
1
Confirm (OK)
Cancel (ESC)

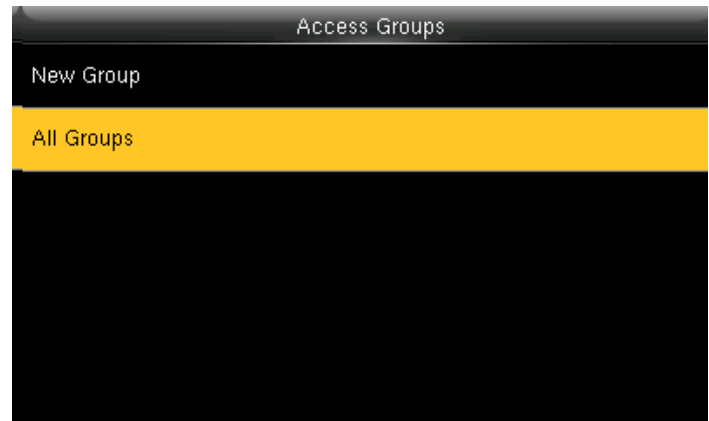
Enter the No. using keypad and press **OK**



Access Groups

No.	2
Verification Mode	Password/Fingerprint/Badge
Time Period 1	1
Time Period 2	0
Time Period 3	0
Include Holidays	<input type="checkbox"/> OFF

Select Include Holidays, press **OK** to enable the item

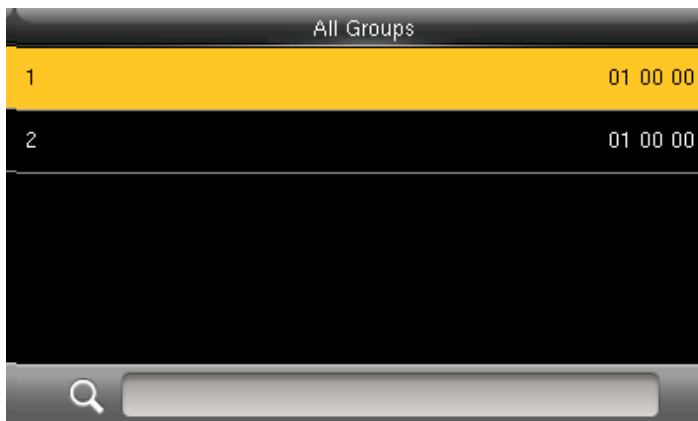


Access Groups

New Group

All Groups

Select **All Groups** and press **OK**

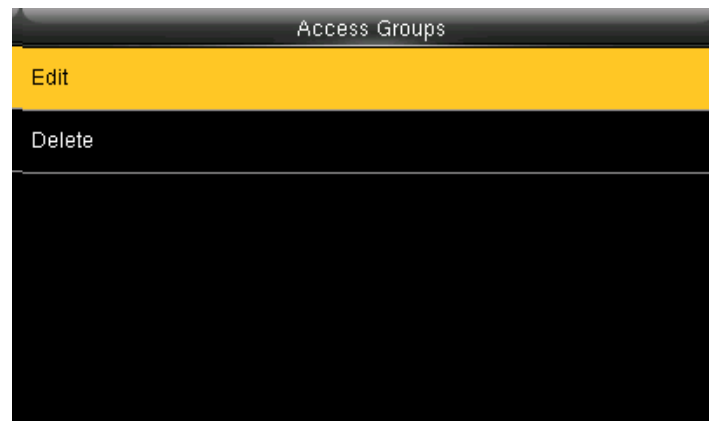


All Groups

1	01 00 00
2	01 00 00

Search:

Select one of All Groups and press **OK**

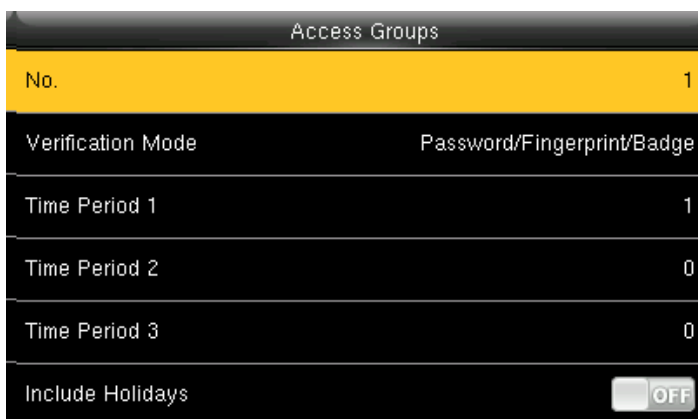


Access Groups

Edit

Delete

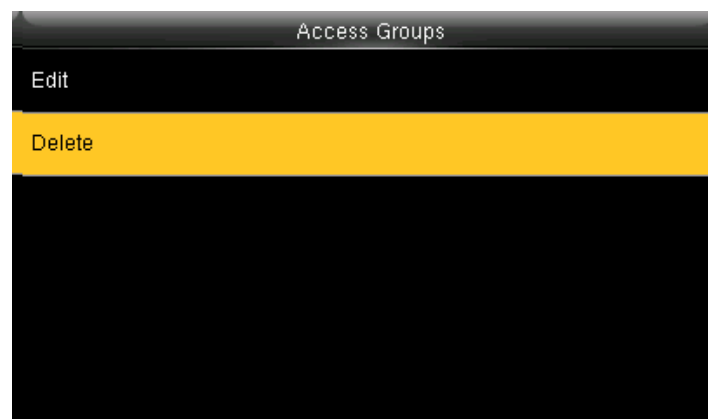
Select **Edit** and press **OK**



Access Groups

No.	1
Verification Mode	Password/Fingerprint/Badge
Time Period 1	1
Time Period 2	0
Time Period 3	0
Include Holidays	<input type="checkbox"/> OFF

The No. cannot be modified, and the other operations are similar to those performed to add a New Groups. Press "ESC" to return

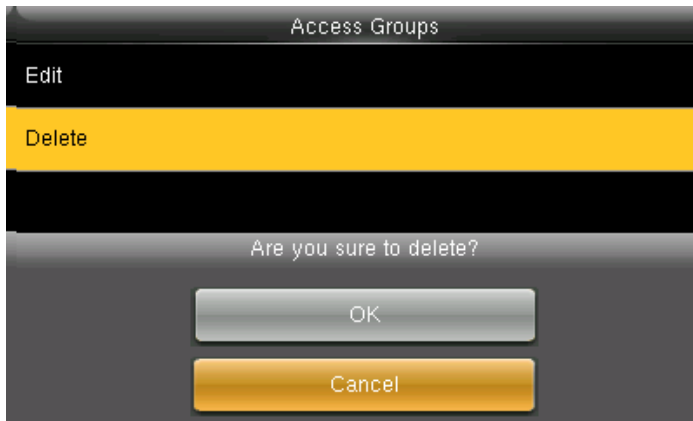


Access Groups

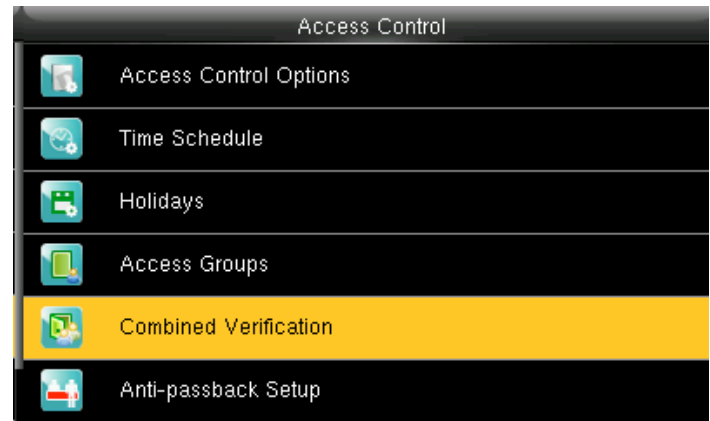
Edit

Delete

select **Delete** and press **OK**

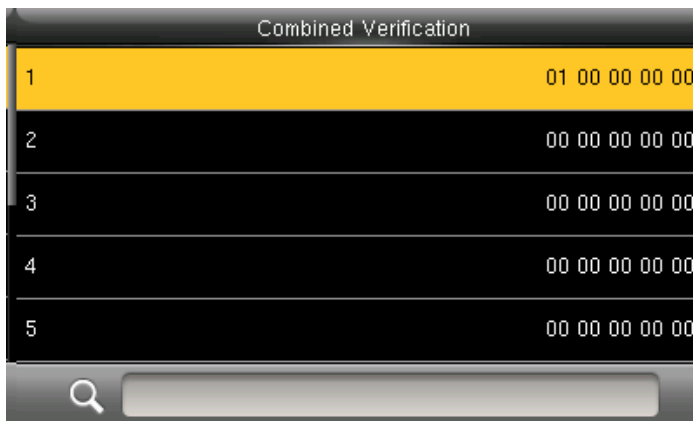


If you select **OK** it will delete all the access groups and when you select **Cancel** it will take you to previous screen without deleting any access groups.

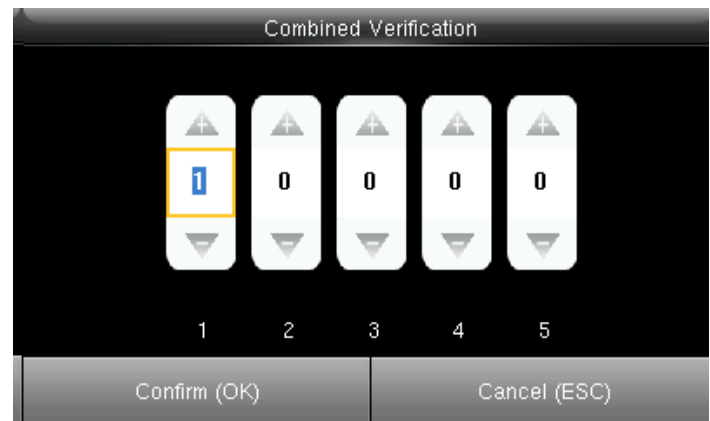


7.5 COMBINED VERIFICATION

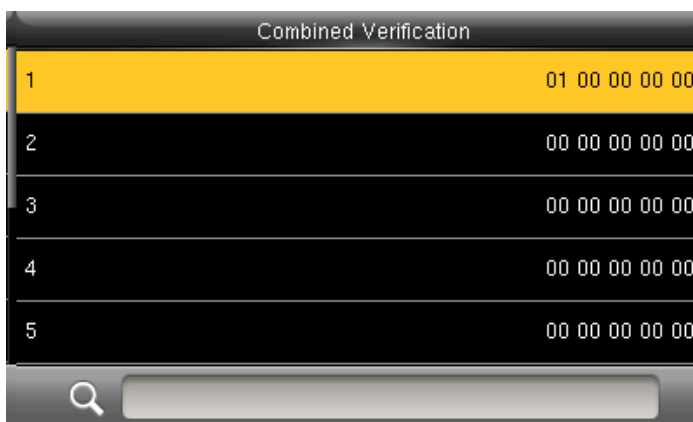
Select **Combined Verification** and press **OK**.



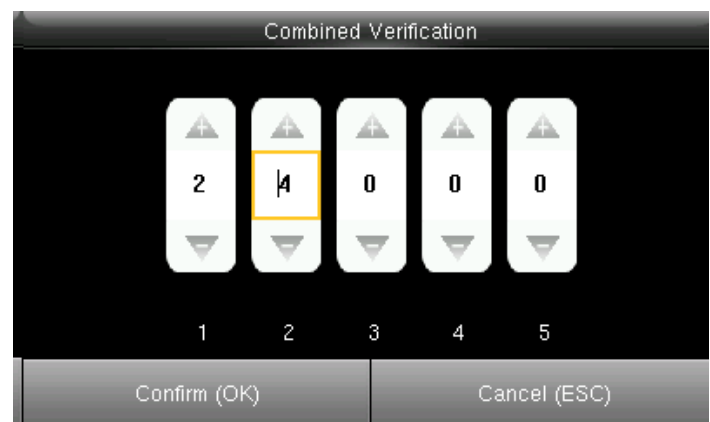
Press **OK** to add a new Combined Verification



Enter the No. using keypad and press **OK**.



Select the line to be edited, press **OK**.



Enter the No. using keypad and press **OK**

Combined Verification	
1	01 00 00 00 00
2	00 00 00 00 00
3	00 00 00 00 00
4	00 00 00 00 00
5	00 00 00 00 00

When setting is successful, an interface will be shown as above.

Access Control	
	Access Control Options
	Time Schedule
	Holidays
	Access Groups
	Combined Verification
	Anti-passback Setup

7.6 ANTI-PASSBACK SETUP

Select **Anti-passback setup** and press **OK**.

When you select anti passback it means that no illegal or other person can follow the employee inside the gate.

Here if this function is enabled the other person who is not an employee cannot follow or enter with employee at same time. The gate will not be opened for any person other than employee.

Anti-passback Setup	
Anti-passback Direction	No Anti-passback
Device Status	Out

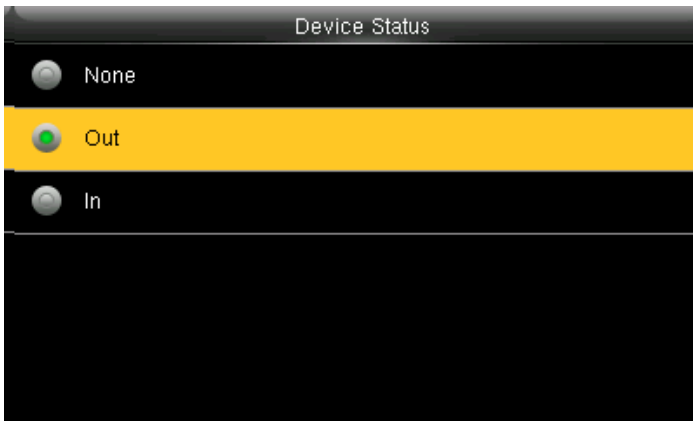
Select **Anti-passback direction** and press **OK**.

Anti-passback Direction	
<input checked="" type="radio"/>	No Anti-passback
<input type="radio"/>	Out Anti-passback
<input type="radio"/>	In Anti-passback
<input type="radio"/>	In/Out Anti-passback
<input type="radio"/>	Null and Save

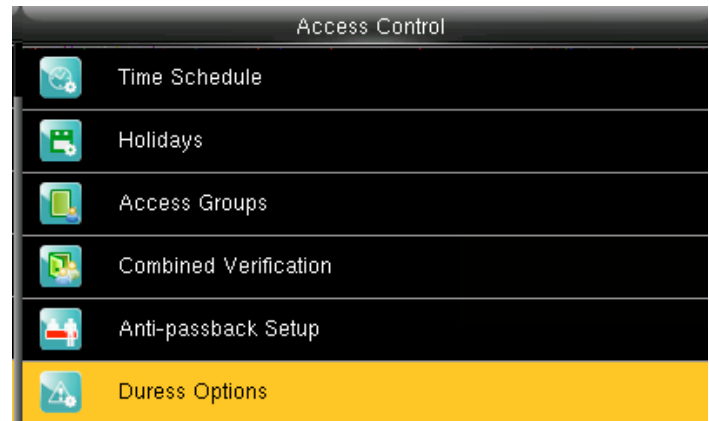
Here you can select any **anti passback** direction you wish so no other person can enter other than employee.

Anti-passback Setup	
Anti-passback Direction	No Anti-passback
Device Status	Out

Select **Device Status** and press **OK**.

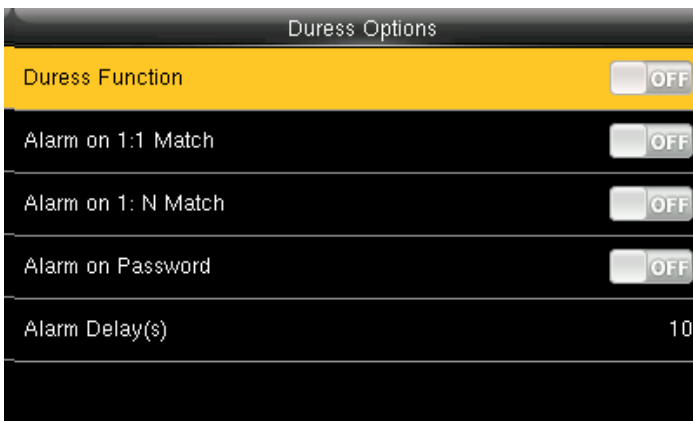


Here you can select the device status whether to be **Out** or **In** and press **OK**.



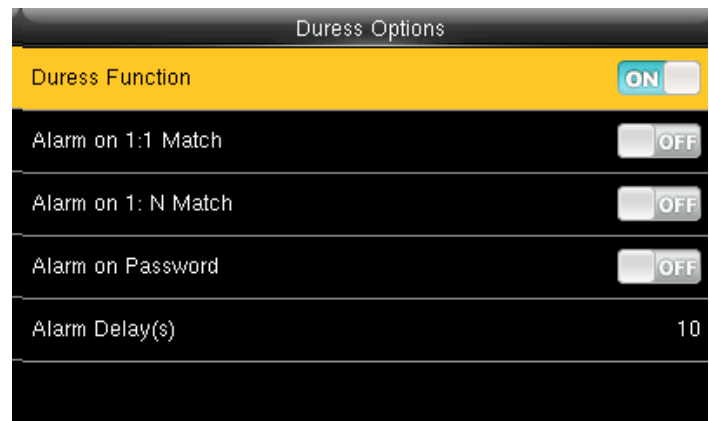
7.7 DURESS OPTIONS

Select Duress options and press **OK**.

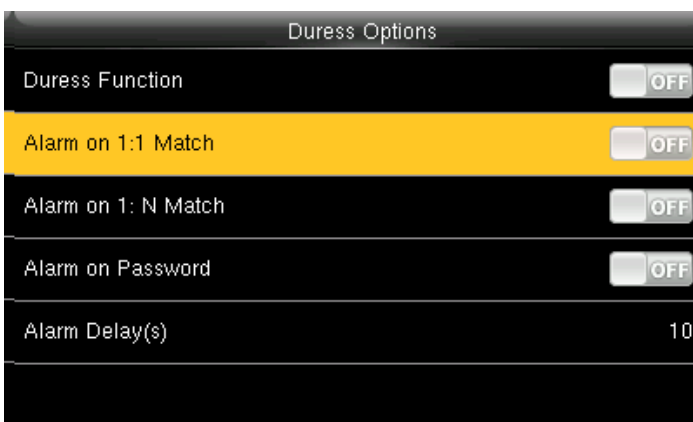


Enter to Access Control Options, as shown in the figure above.

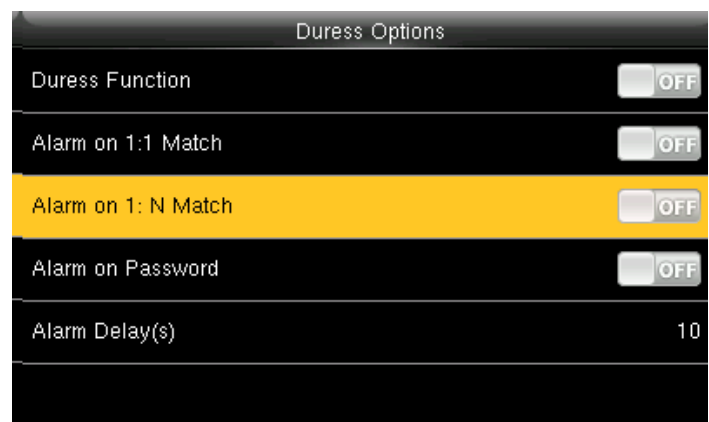
Press **▼** / **▲** to move cursor to the item to be set. If it is the input box, press numeric keys on small keyboard to input the value. If it is the roll box, press **/** to switch the values. After setting, press menu directly to return to the last interface. Press **ESC** to **Cancel** setting and return to the last interface.



If select **ON**, press help then press fingerprint in the following 3 seconds or press ID number, and duress alarm will come out after successful identification



if select **ON**, when user uses 1:1 match mode, alarm signal will come out. Or there is no alarm signal.



if select **ON**, when user use 1:N match mode, alarm signal will come out. Or there is no alarm signal.

Duress Options	
Duress Function	<input type="checkbox"/> OFF
Alarm on 1:1 Match	<input type="checkbox"/> OFF
Alarm on 1: N Match	<input type="checkbox"/> OFF
Alarm on Password	<input type="checkbox"/> OFF
Alarm Delay(s)	10

If select **ON**, when user uses password verification mode, alarm signal will come out. Or there is no alarm signal.

Duress Options	
Duress Function	<input type="checkbox"/> OFF
Alarm on 1:1 Match	<input type="checkbox"/> OFF
Alarm on 1: N Match	<input type="checkbox"/> OFF
Alarm on Password	<input type="checkbox"/> OFF
Alarm Delay(s)	10

After duress alarm gets started, the alarm signal is not output directly

Alarm Delay(s)	
<input type="radio"/> 1	
<input type="radio"/> 2	
<input type="radio"/> 3	
<input type="radio"/> 4	
<input type="radio"/> 5	
<input checked="" type="radio"/> User Defined	

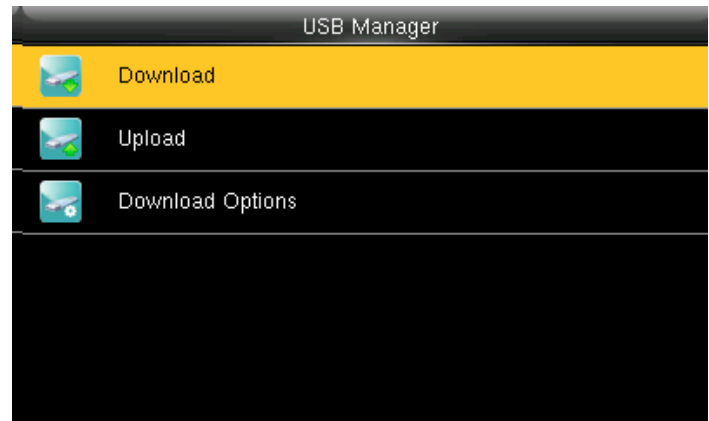
But it can be defined. After some time, alarm signal will be generated automatically. (1-255 seconds)



USB MANAGER

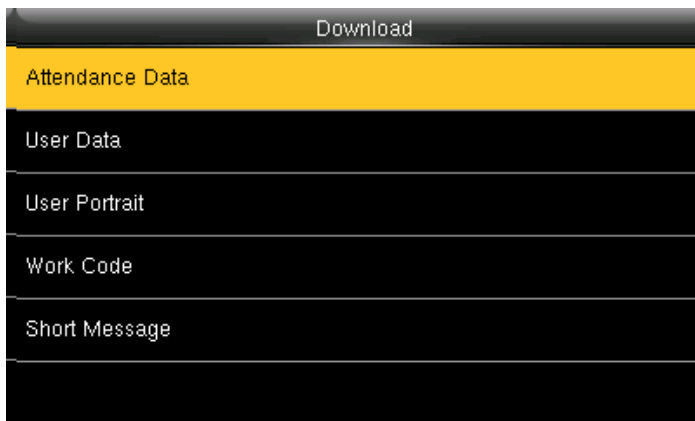


Go to Menu and select USB Manager and press **OK**.



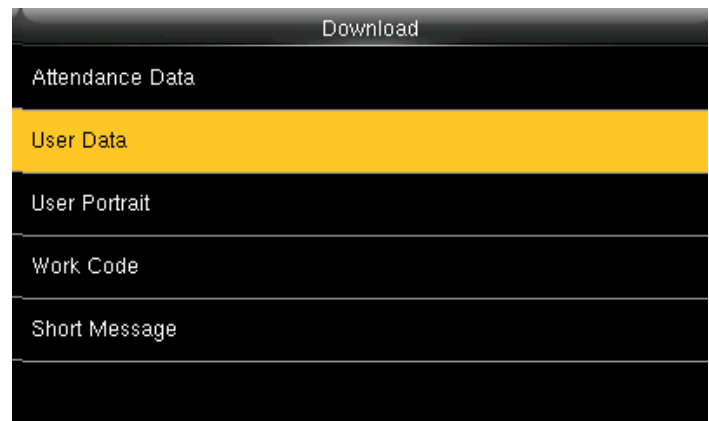
8.1 DOWNLOAD

Select **Download** and press **OK**.

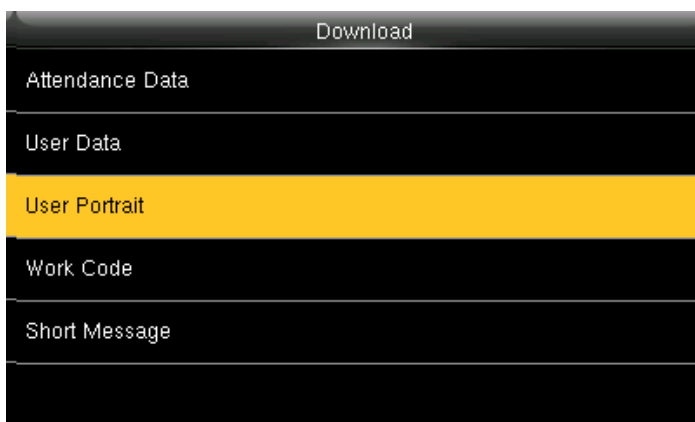


Select the items you want to download.

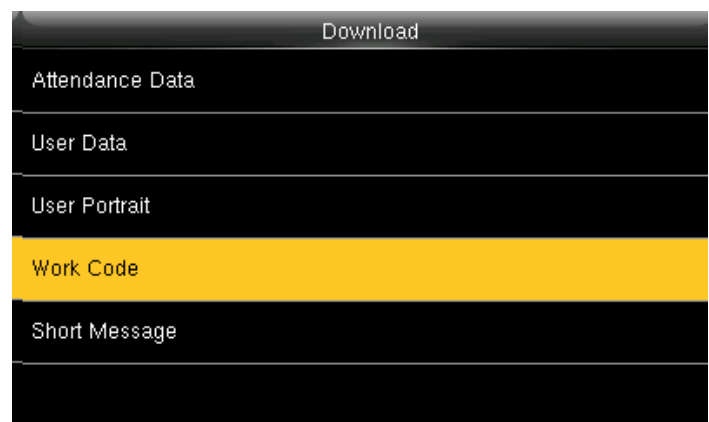
Here when we select the **Attendance Data** it will import all the attendance data from the FFR terminal to USB disk



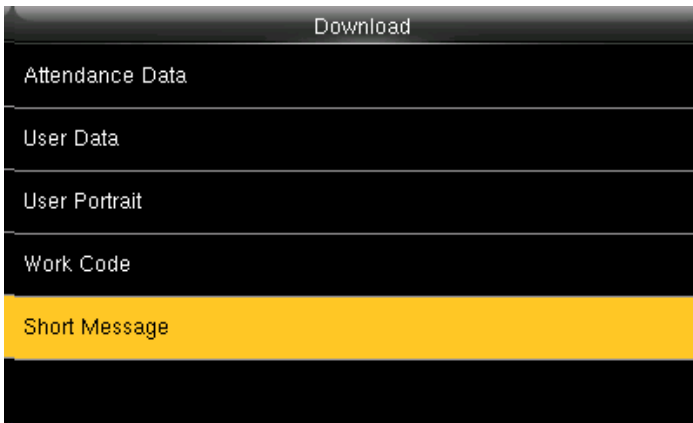
User data will import all the user information, fingerprints and facial images from the FFR terminal to a USB disk



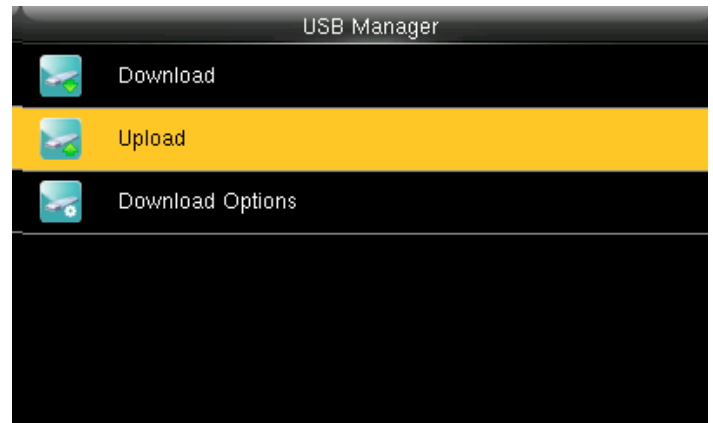
User Portrait will import the employees' photos from the terminal to a USB disk.



Work code will save the work IDs on the device to a USB drive



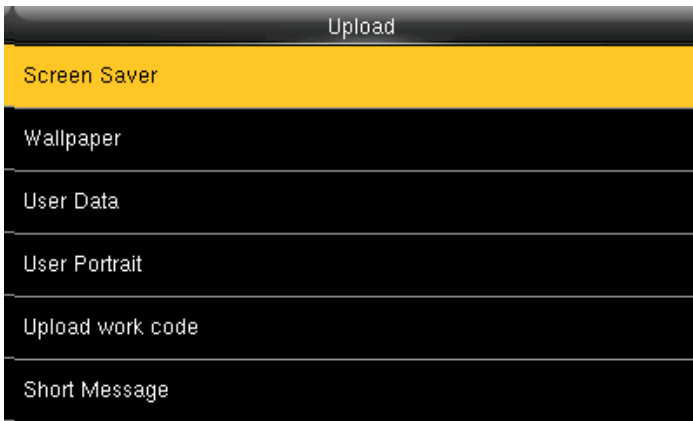
The short message will be displayed by the administrator and will be import from terminal to USB disk.



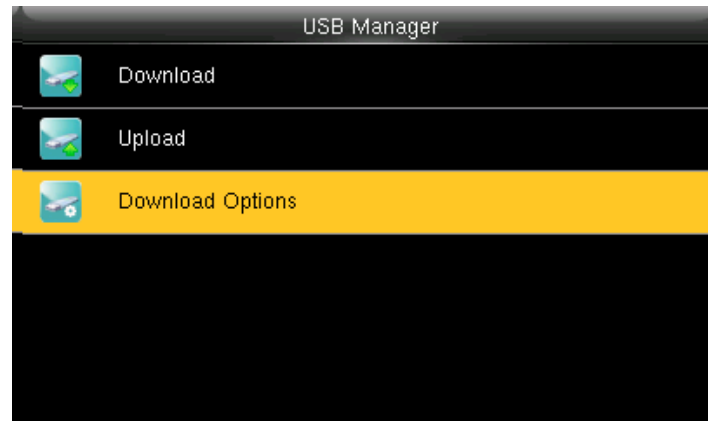
8.2 UPLOAD

Select **Upload** and press **OK**.

In Upload it will upload all the data from USB disk to terminal.

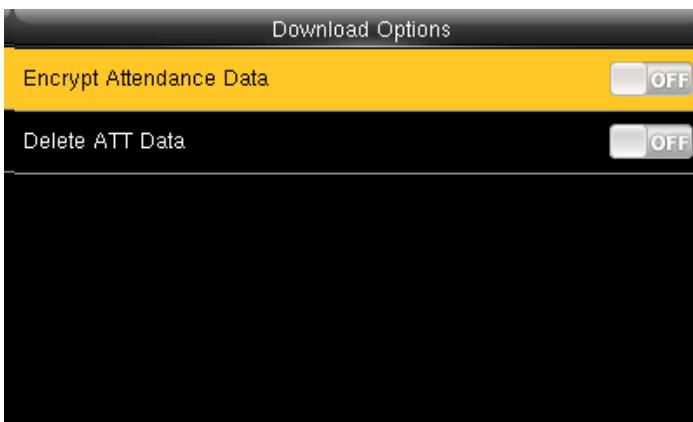


Screen saver will Upload the JPG documents with "ad_" as initial letters of document names stored in a USB disk to the terminal. After the upload, these pictures can be displayed on the initial interface of the terminal.

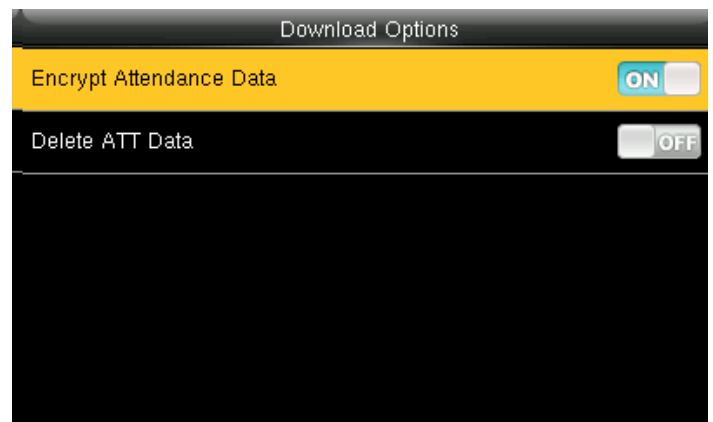


8.3 DOWNLOAD OPTIONS

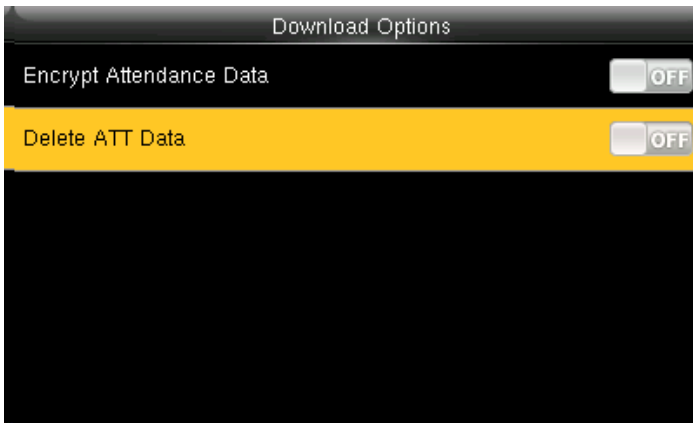
Select **Download Options** and press **OK**.



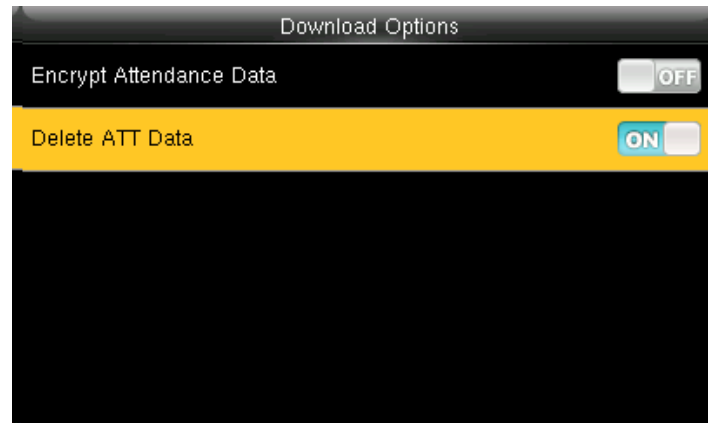
Press **▼** and **OK** to select items. When the setting is completed, press **OK** to save the setting and exit.



This will download all the encrypted attendance data of the employee.



If the **ATT data** is **OFF** it wont downlad any data as the function is diabled.



If the **ATT data** is **ON** it will downlad the data as the function is enabled.

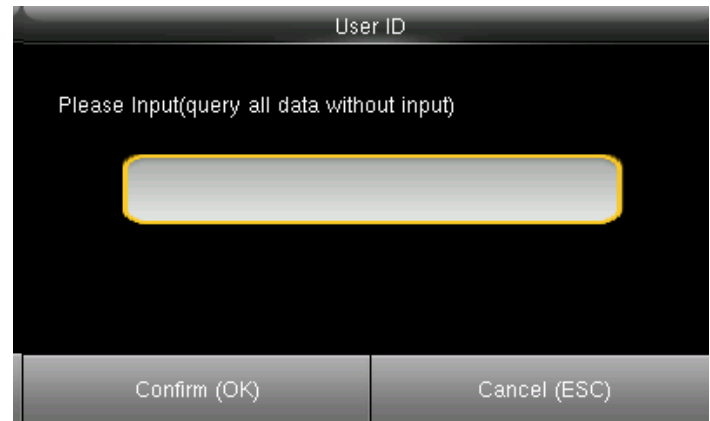


ATTENDANCE SEARCH

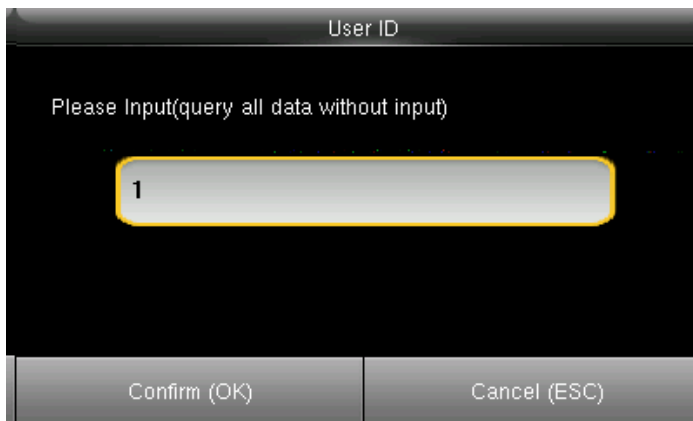
ATTENDANCE SEARCH



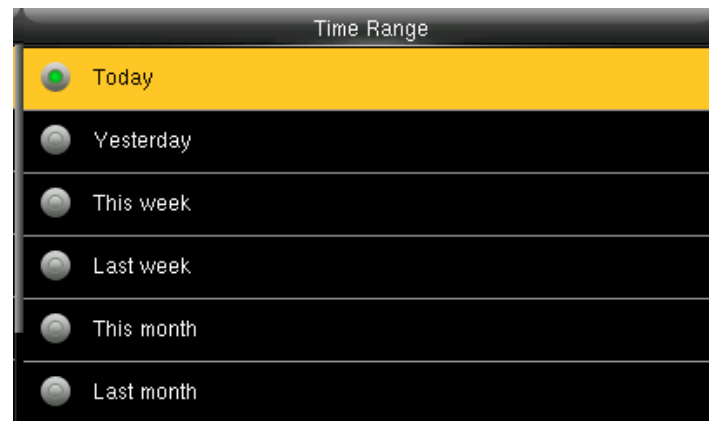
Go to menu and select **Attendance Search** and press **OK**.



Enter the id you want to view the data in the input section by using the keypad and press **OK**.



Enter the **User ID** then press **OK**.

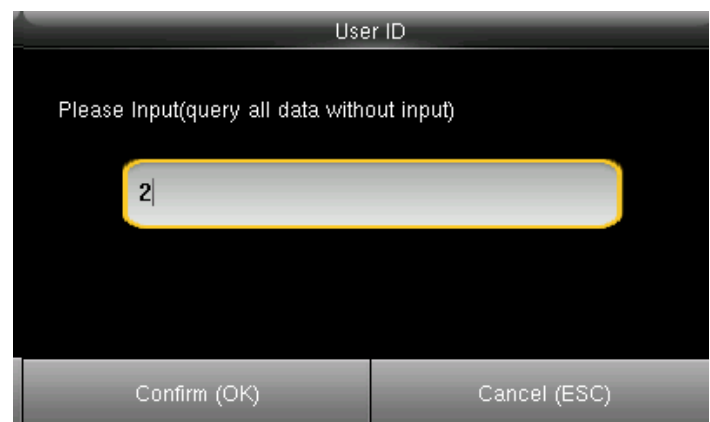


After you enter the ID it will give you options to view the attendance records for today or other weeks.

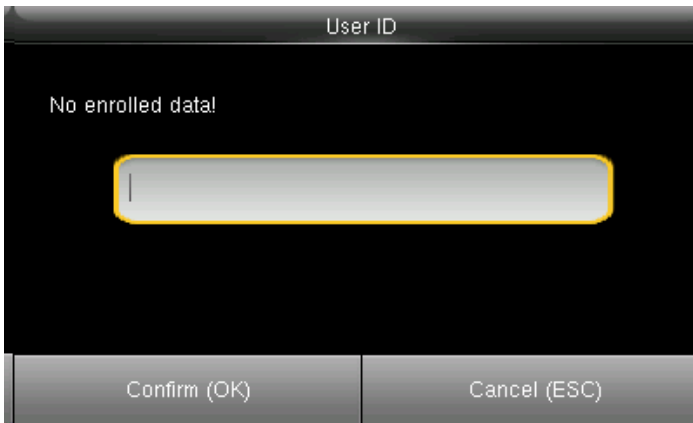
Personal Record Search		
Date	User ID	Attendance
12-11		Number of Records:02
	1	15:37 15:37

Prev : Left key Next : Right key Details : OK

The records in accordance with the conditions will be displayed as above.



Enter the other ID you want to view for the attendance record.



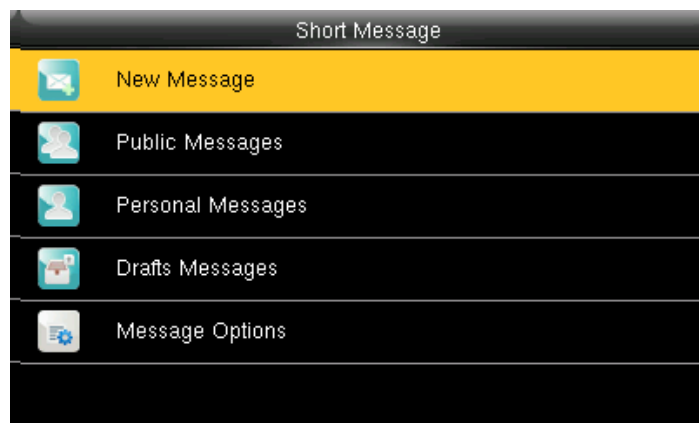
If the ID is not valid there will be no record and it will show as the no enrolled data as above.



SHORT MESSAGE

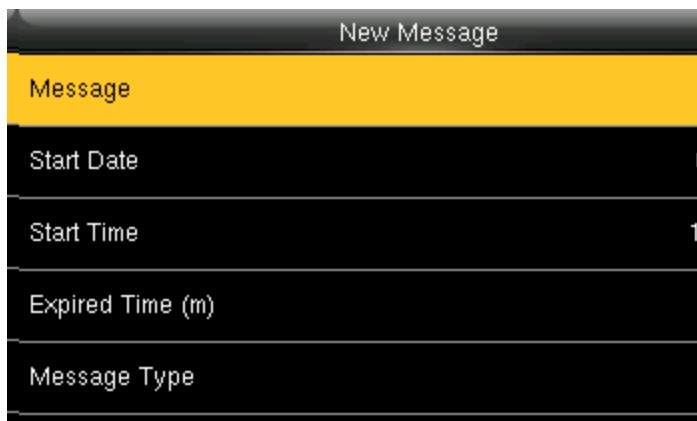


Go to Menu and select **Short Message** and press **OK**.

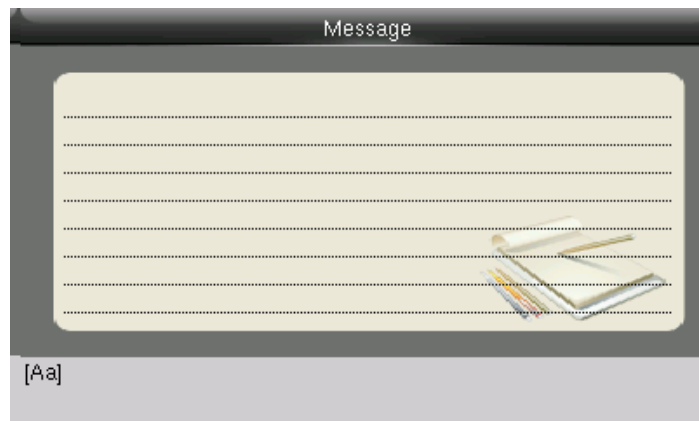


10.1 NEW MESSAGE

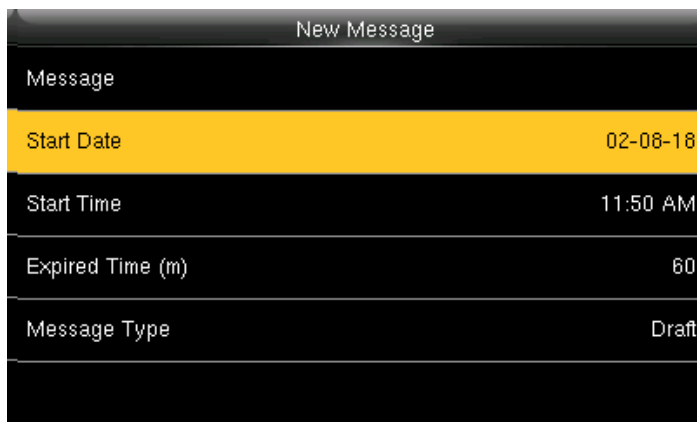
Click on **New Message** and press **OK**



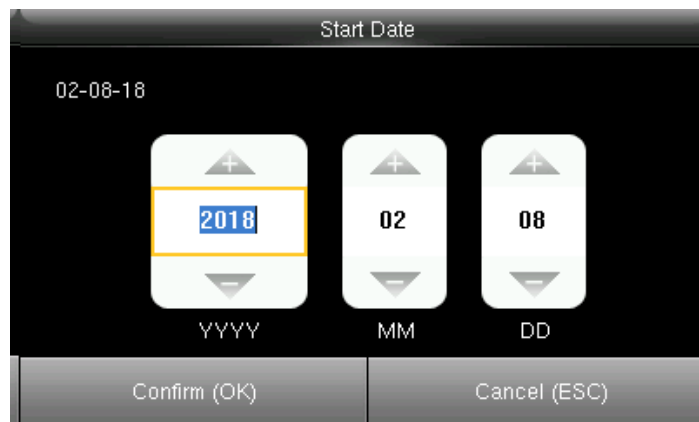
Click on the **Message** option as shown above.



After you click on "Message" the above screen will appear in which you can type the message with the help of keypad you wish to send.



Click on **Start Date** and press **OK**



Here you can edit the date you wish the message to be displayed.

New Message	
Message	
Start Date	02-08-18
Start Time	11:50 AM
Expired Time (m)	60
Message Type	Draft

Click on **Start Time** and press **OK**.

Start Time		
11:50 AM		
<div> <div>+</div> <div>11</div> <div>-</div> </div> <div>HH</div>	<div> <div>+</div> <div>50</div> <div>-</div> </div> <div>MM</div>	<div> <div>+</div> <div>AM</div> <div>-</div> </div>
Confirm (OK)		Cancel (ESC)

Here you can edit the "Start Time" to what time you want the message to be displayed.

New Message	
Message	
Start Date	02-08-18
Start Time	11:50 AM
Expired Time (m)	60
Message Type	Draft

Click on "Expired Time" and press "OK".

Expired Time (m)	
<input type="radio"/>	Never Expire
<input type="radio"/>	30
<input checked="" type="radio"/>	60
<input type="radio"/>	90
<input type="radio"/>	120
<input type="radio"/>	User Defined

Here you can choose the time you want the message to be expired from the screen.

The "Expired Time" ranges in minutes.

New Message	
Message	
Start Date	02-08-18
Start Time	11:50 AM
Expired Time (m)	60
Message Type	Draft

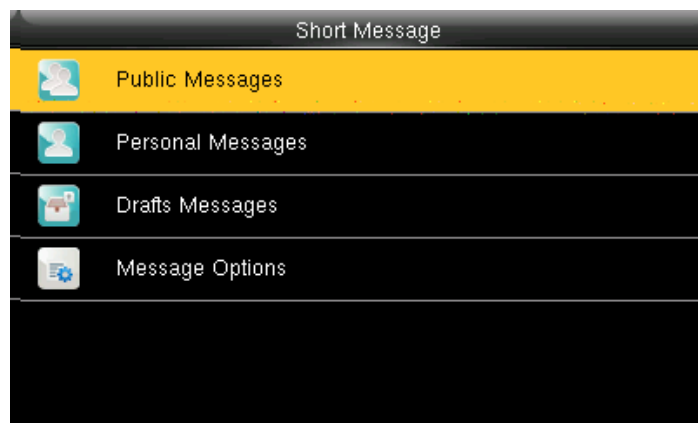
Click on "Message Type" and press "OK".

Message Type	
<input type="radio"/>	Public
<input type="radio"/>	Personal
<input checked="" type="radio"/>	Draft

From the menu above you can select the "Message Type" you wish to display.

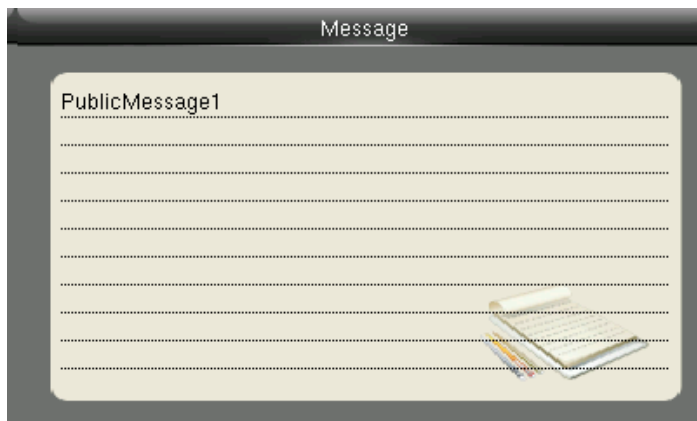


Go to Menu and select **Short Message** and press **OK**.

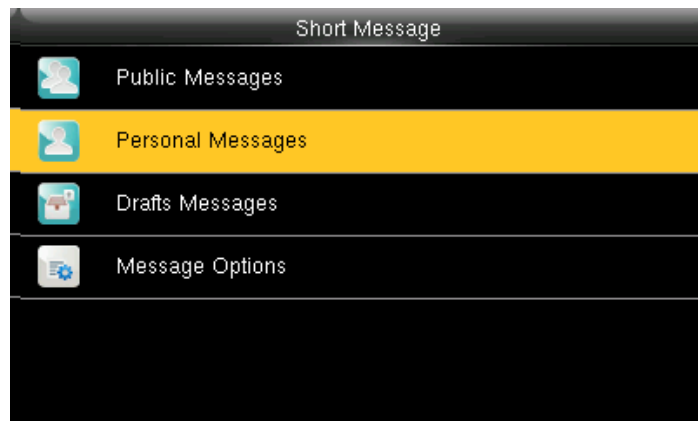


10.2 PUBLIC MESSAGES

Select **Public Message** and press **OK**.

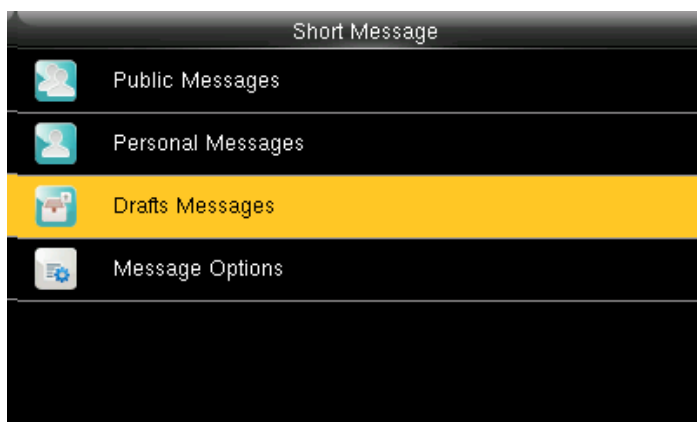


The message will be displayed on the screen as above.



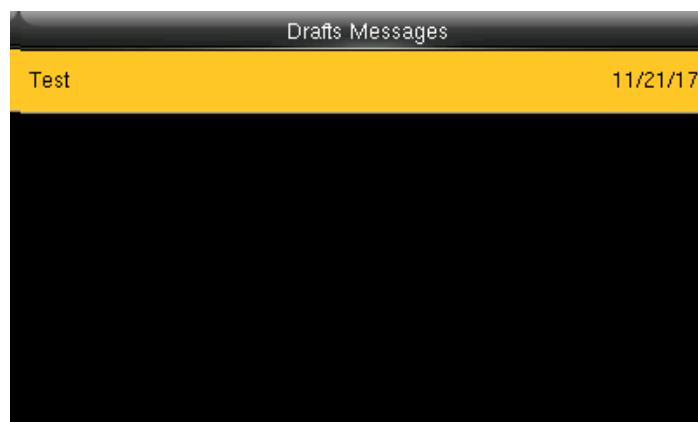
10.3 PERSONAL MESSAGES

Here also if you want to view any Personal Message click on **Personal Message** and press **OK**.

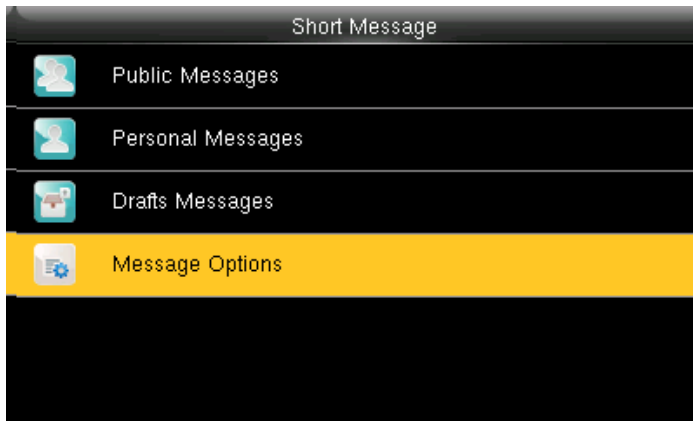


10.4 DRAFT MESSAGES

Select **Draft Messages** and press **OK**.

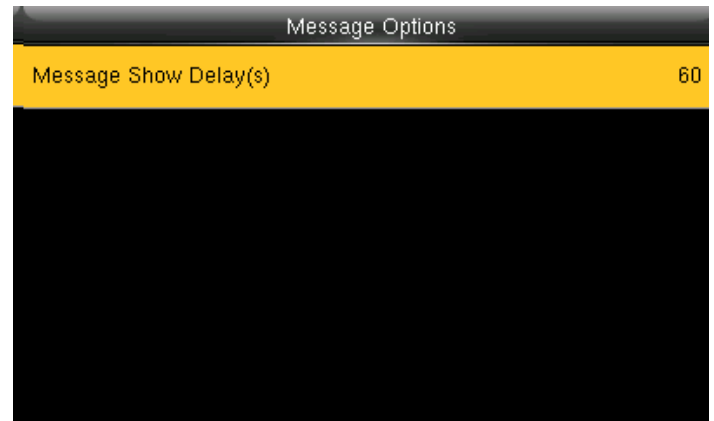


The draft messages will be displayed as above.

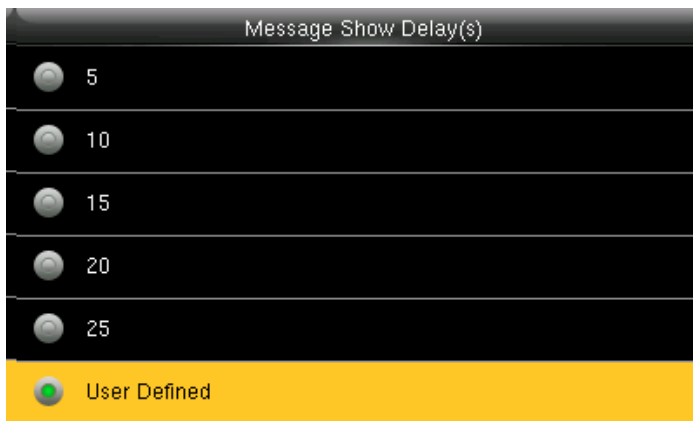


10.5 MESSAGE OPTIONS

Select **Message Options** and press **OK**



Press **OK**.



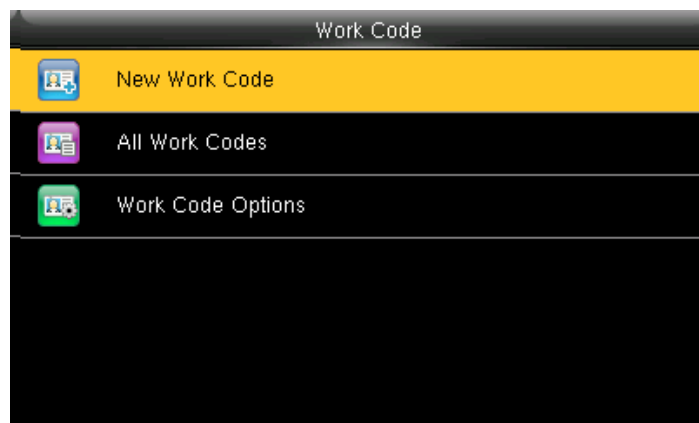
Select the **Time** and press **OK**.



WORK CODE



Go to menu and select **Work Code** and press **OK**.

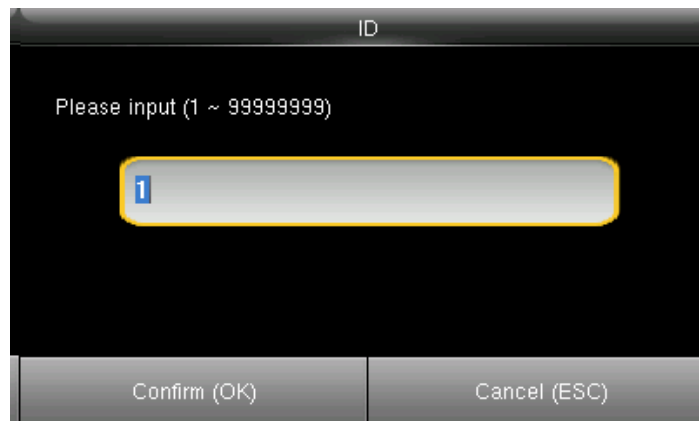


11.1 NEW WORK CODE

Select **New Work Code** and press **OK**



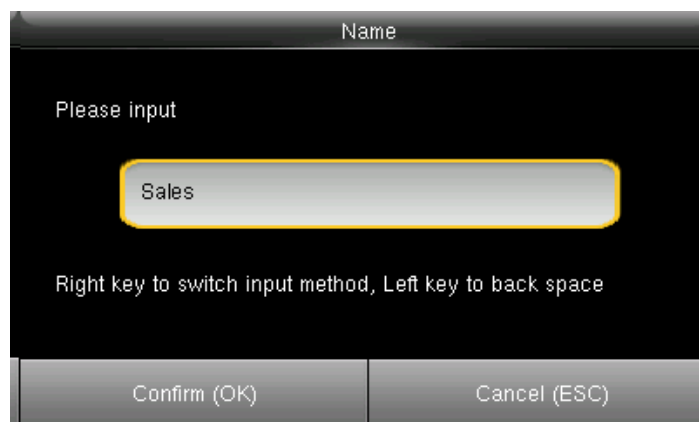
Select **ID** and Press **OK**



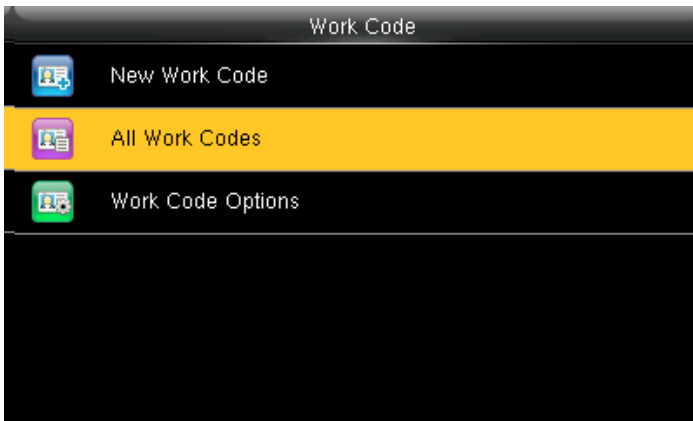
Enter the user ID using keypad, press **OK**.



Select **Name** and press **OK**

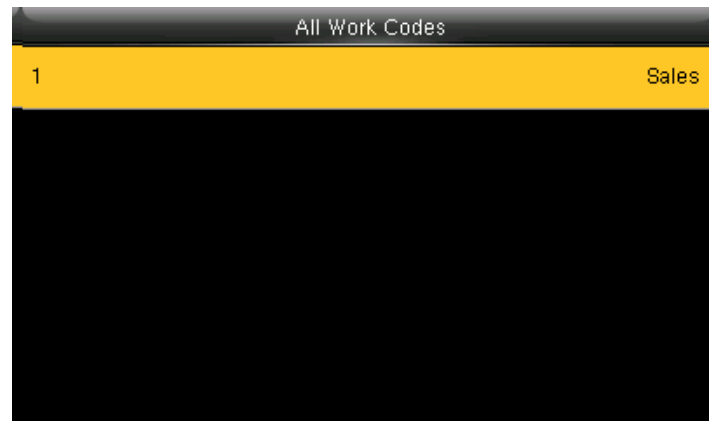


Enter the name then press **OK**.

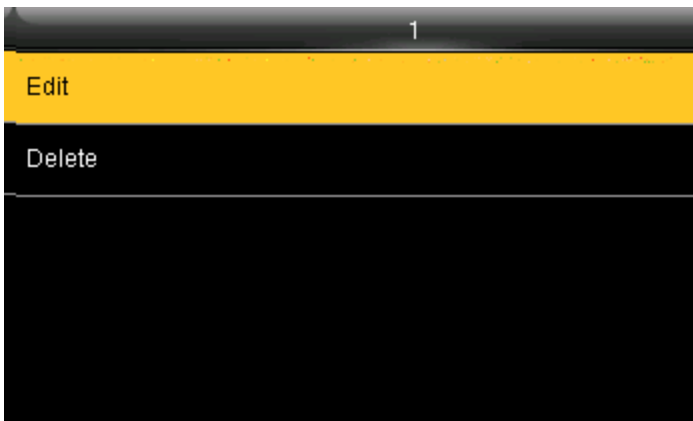


11.2 ALL WORK CODES

Select **All work codes** and press **OK**.

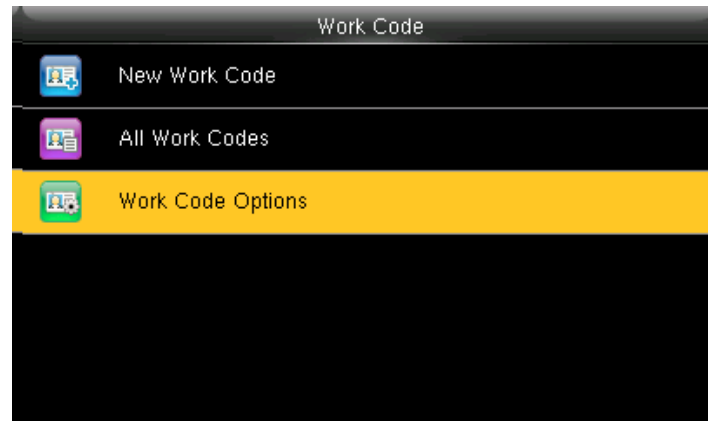


View **All work codes**.



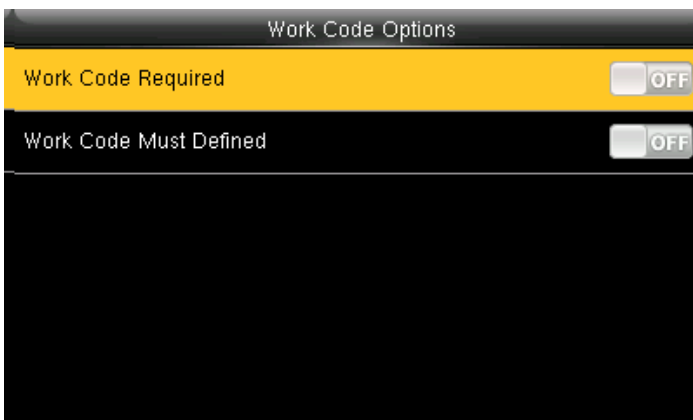
Press ▼ to select the one you want to edit or delete.

In edit you can edit the information and delete will delete the work code for that ID.

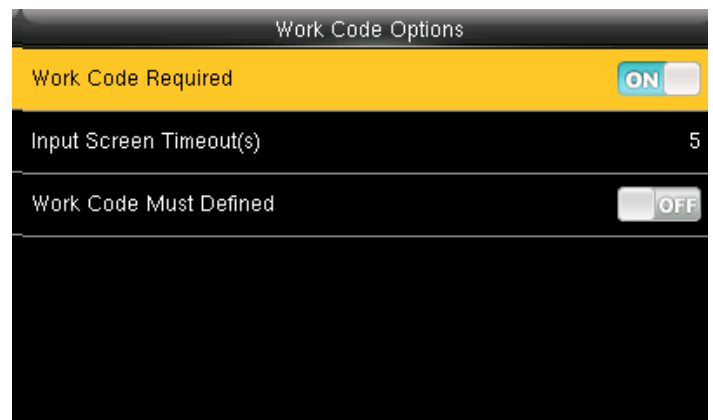


11.3 SET WORK CODE

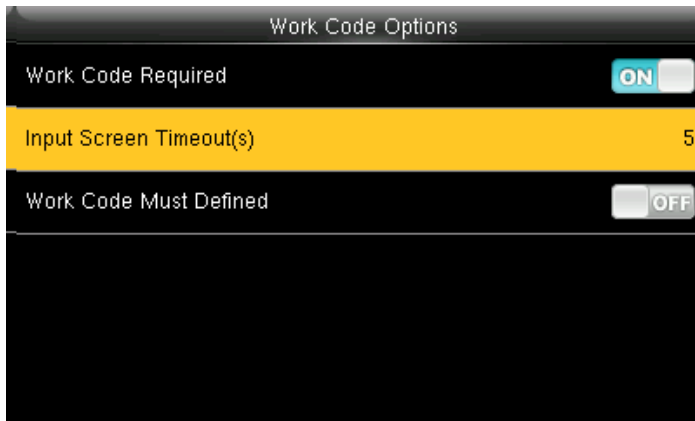
Select **Work code options** and press **OK**.



When the work code required is **OFF** it will disable the required work code.



Select **ON** for workcode required.



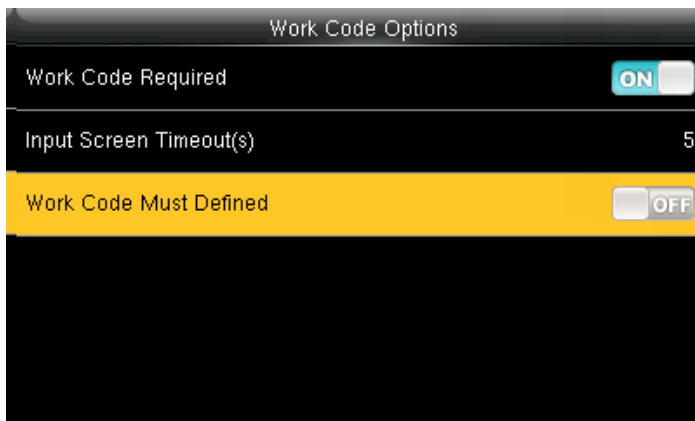
When you turn **ON** the workcode required it will ask you to set the timeout for the input screen.

Click on input screen timeout.

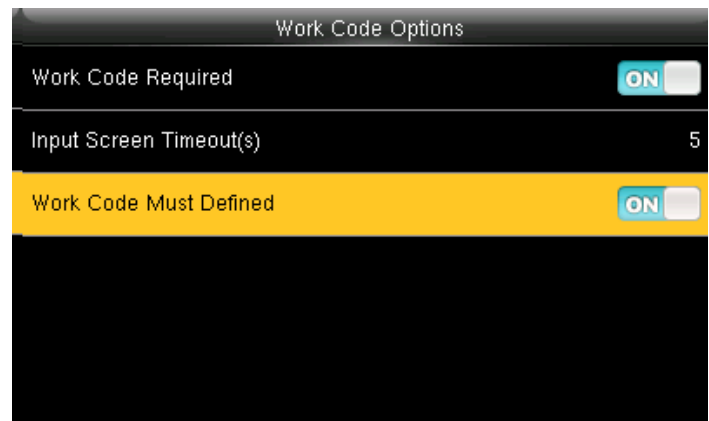


Here you can change the timeout for the input screen from the image above.

The timeout is in seconds.



When you select **OFF** for the function above the work code will not be defined and will be disabled.



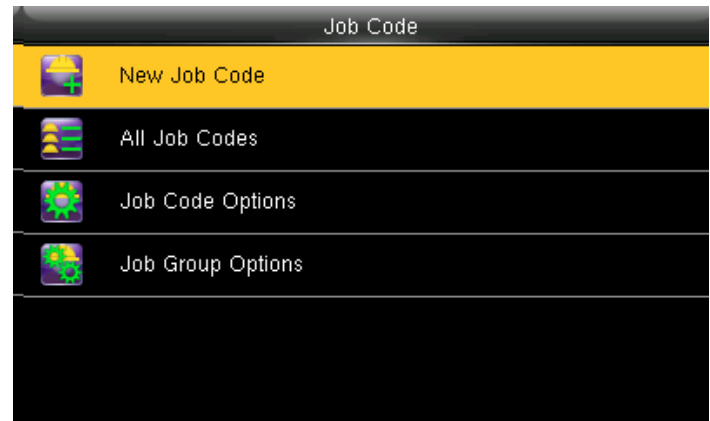
When you turn **ON** the work code will be defined and it will enable that function.



JOB CODE

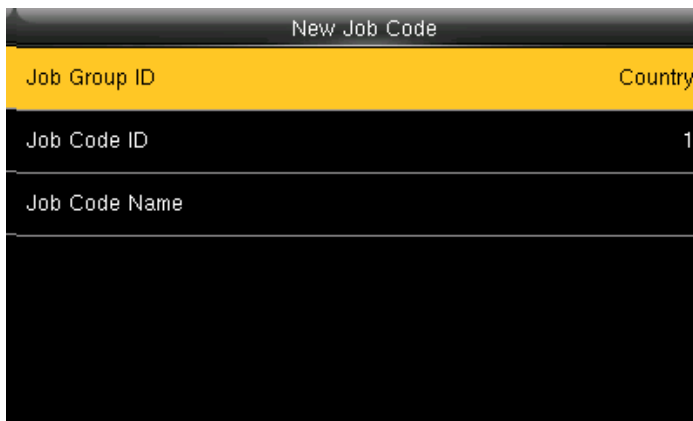


Go to menu and select **Job code** icon.



12.1 NEW JOB CODE

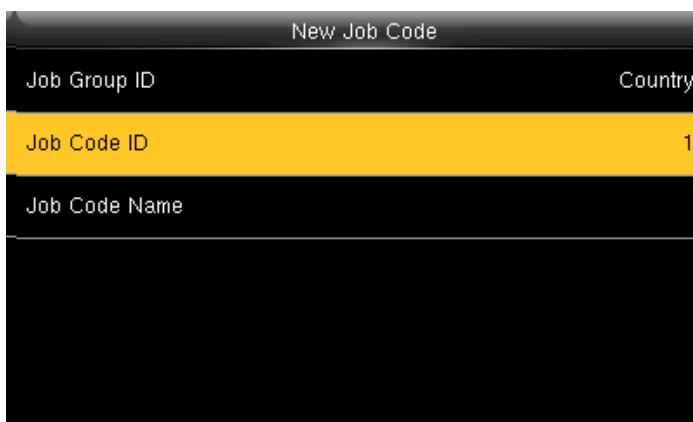
Select **New Job Code**



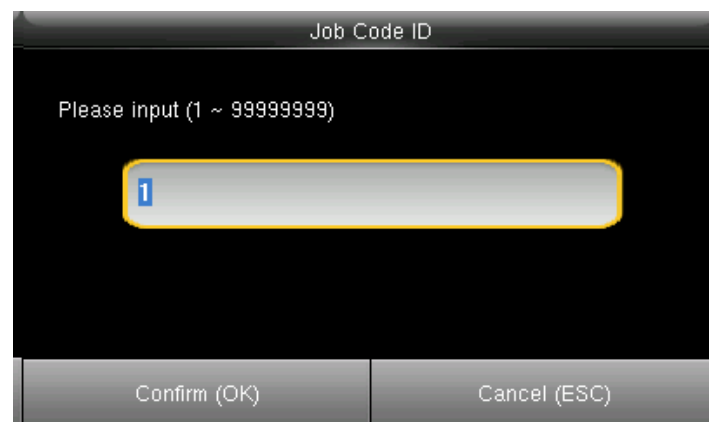
Select Job Group ID and then assign a particular job code from the category such as **Country** as shown above.



Select **Country**. The job group id will be selected as country.



Select **Job Code ID**



Enter Job Code ID or edit Job ID to represent the job code such as NO. 1 as shown above.

Job Group ID	Country	Job Code ID	Job Code Name
		1	

Select **Job Code Name**.

Please input

[Aa]

Input the **Job Code Name** in the box above. With the help of keypad you can input the name.

Please input

USA

[Aa]

Enter the job code name **USA** as shown above

Job Group ID	Country	Job Code ID	Job Code Name
		1	USA

All input information you enter will be displayed on the screen as above. Press "ESC" button to go back to last menu and it will save all the information you entered

Main Menu

Data Mgt. Access Control USB Manager Attendance Search Short Message

Work Code Job Code Tip Code Autotest System Info

12.2 ALL JOB CODE

Go to menu and select **Job Codes**

Job Code

New Job Code

All Job Codes

Job Code Options

Job Group Options

Select **All JOB codes**.

Select Job Group
<input checked="" type="radio"/> Country
<input type="radio"/> State
<input type="radio"/> City
<input type="radio"/> Block
<input type="radio"/> Street
<input type="radio"/> Zip

Select **Country**

All Job Codes	
1	USA
2	UK
3	Mexico
4	Canada

There is only one job code "USA assigned in to this group" Country 1

Select Job Group
<input checked="" type="radio"/> Country
<input type="radio"/> State
<input type="radio"/> City
<input type="radio"/> Block
<input type="radio"/> Street
<input type="radio"/> Zip

Select **State**

All Job Codes	
61	Greater Manchester
201	New Jersey
202	Washington
212	New York
312	Illinois
808	Hawaii

After selecting state, it will display all the job codes assign to different states as shown above.

Select **Great Manchester** as shown above to select the particular state

Select Job Group
<input checked="" type="radio"/> Country
<input type="radio"/> State
<input type="radio"/> City
<input type="radio"/> Block
<input type="radio"/> Street
<input type="radio"/> Zip

Select **CITY**

All Job Codes	
1	Honolulu
2	Chicago
3	Manchester
26	Mexico City
201	Jersey City
973	Piscataway

After selecting CITY all the job codes will be displayed according to the city as shown above and you can select whichever is applicable to you.

Select Job Group

☒ Country

☐ State

☐ City

☐ Block

☐ Street

☐ Zip

Select **BLOCK**

All Job Codes

1	1st block
2	8th block
3	5th block
4	101 block

The different block will appear.

Select 1st block as shown above to select the particular block

Select Job Group

☒ Country

☐ State

☐ City

☐ Block

☐ Street

Select **Street**

All Job Codes

1	Market Street
2	West Main Street
3	East Street
4	Sepulveda Blvd
5	Bernardino Road

The different Streets will appear as shown above.

Select Market street as shown above to select the particular street

Select Job Group

☒ Country

☐ State

☐ City

☐ Block

☐ Street

☐ Zip

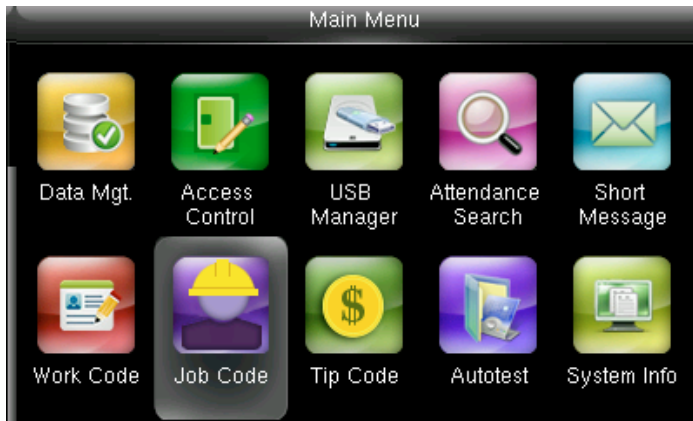
Select **ZIP**

All Job Codes

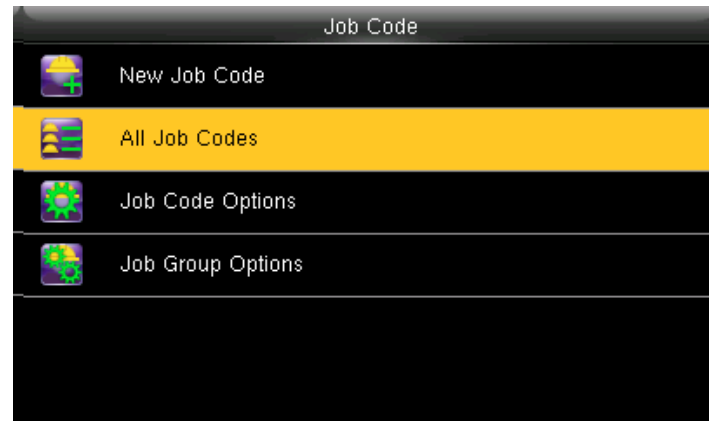
1	08854
2	08856
3	07097
4	07101
5	91740
6	90249

The different ZIP codes will appear as shown above.

Select ZIP Code 08854 as shown above to select the job code for that zip code.



Go to menu and select **Job Code**



12.2 ALL JOB CODES

Select **All Job codes** options.



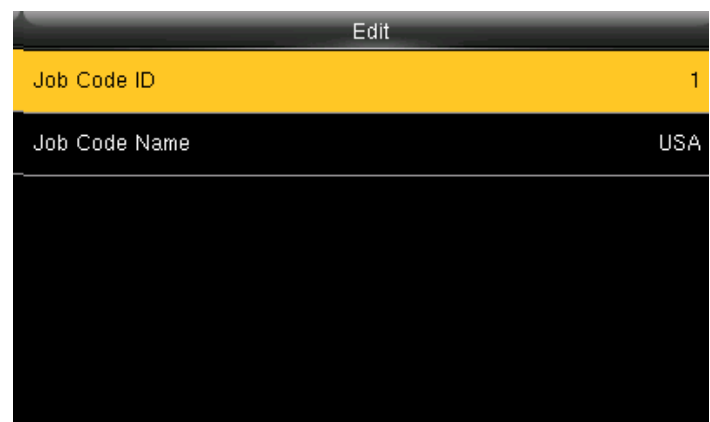
Select **Country**

All Job Codes	
1	USA
2	UK
3	Mexico
4	Canada

The job codes assign to different country will be displayed as shown above. Select **1 USA** for the particular job code for that country.



After selecting 1 USA click on the **Edit** function.



Click on the **Job code ID** if you want to edit the id number from 1 to different number.

The 'Edit' screen displays a table with two rows. The first row is 'Job Code ID' with the value '1'. The second row is 'Job Code Name' with the value 'USA'. The 'Job Code Name' row is highlighted in yellow.

Edit	
Job Code ID	1
Job Code Name	USA

Click on **Job Code Name** to edit the name for that job code

The 'Job Code Name' screen shows a text input field with 'USA' entered. Above the field is the text 'Please input'. Below the field is a keyboard icon labeled '[Aa]'.

Job Code Name

Please input

USA

[Aa]

Enter the **Job code Name** by using the keypad.

The 'Job Code Name' screen shows a text input field with 'America' entered. Above the field is the text 'Please input'. Below the field is a keyboard icon labeled '[Aa]'.

Job Code Name

Please input

America

[Aa]

Change the name from "USA" to America

The 'Job Code Name' screen shows a text input field with 'America' entered. Above the field is the text 'Please input'. Below the field are two buttons: 'Confirm (OK)' and 'Cancel (ESC)'.

Job Code Name

Please input

America

Confirm (OK) Cancel (ESC)

Click on confirm **OK** button to select America.

The 'Edit' screen displays a table with two rows. The first row is 'Job Code ID' with the value '1'. The second row is 'Job Code Name' with the value 'America'. The 'Job Code Name' row is highlighted in yellow.

Edit	
Job Code ID	1
Job Code Name	America

The job code name will change to America as shown above.

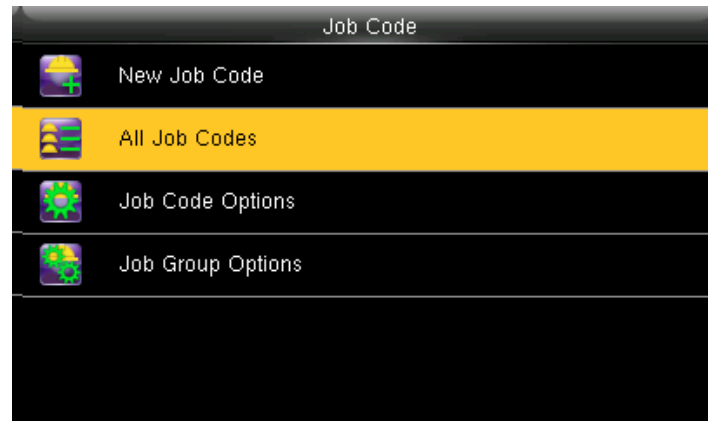
The 'All Job Codes' screen displays a table with four rows. The first row is '1 America', the second is '2 UK', the third is '3 Mexico', and the fourth is '4 Canada'. The first row is highlighted in yellow.

All Job Codes	
1	America
2	UK
3	Mexico
4	Canada

When you select all job code America will be displayed in job code ID 1 as shown above.



To delete the job codes in the particular group
Go to menu and select **Job Code**.



Select **All Job Codes**



Select **Country** as shown above



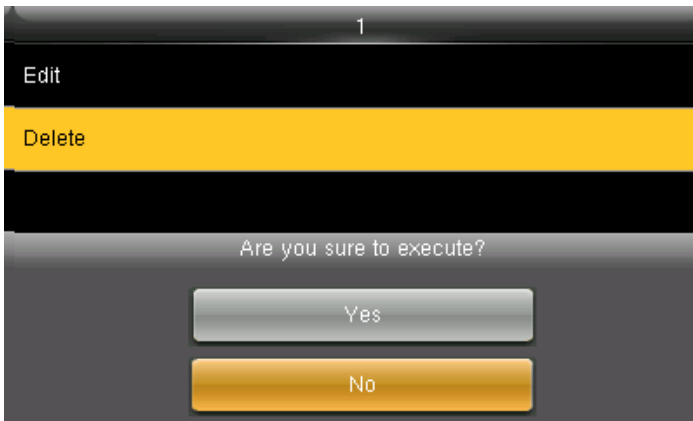
Select the job code you wish to delete.
Here select **USA**.



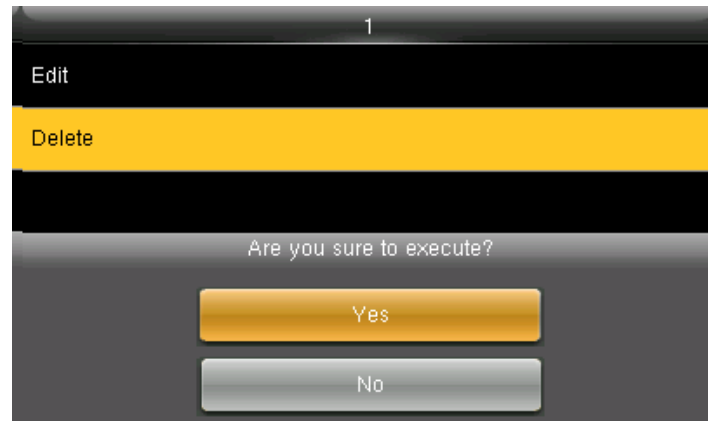
Click on the **Edit** function to change the name of the group.



When you select **Delete** it will delete the particular group you want to delete



When you press **Delete** the above screen will be displayed.
When you press **NO** to execute it will go back to last menu screen and nothing will be edited or deleted



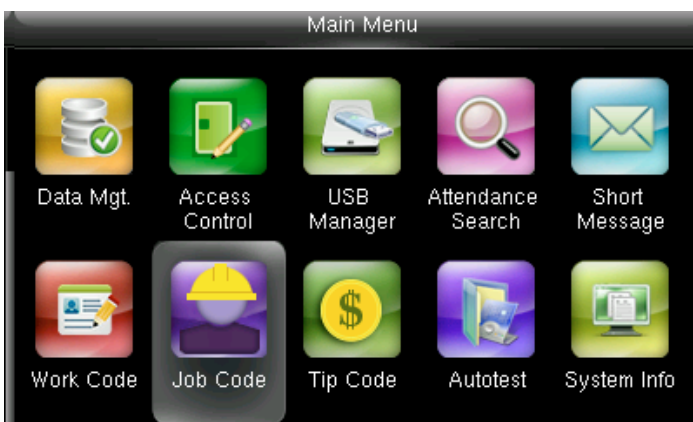
When you press delete the above screen will be displayed.
When you press **YES** to execute it will execute the function and delete the particular job group you selected "Country".



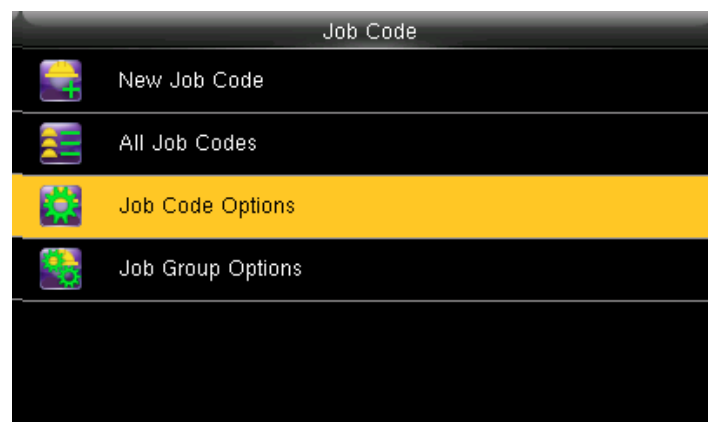
Group name Country is deleted and the other groups remains as shown above.



Job Code Options_Menu_Operation
Go to menu and select **Job Code** icon.

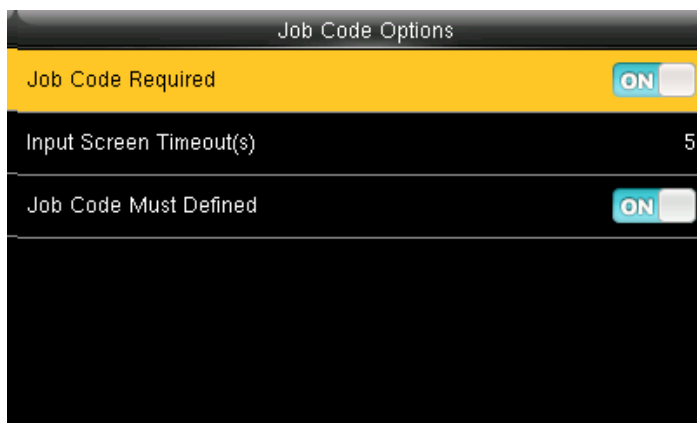


Job Code Options_Menu_Operation
Go to menu and select **Job Code** icon.



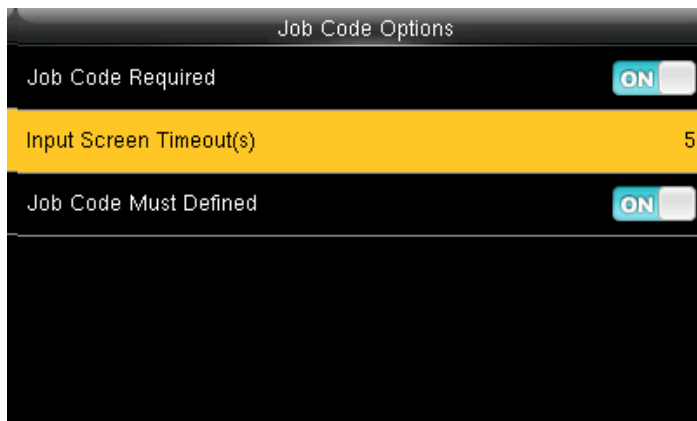
12.3 JOB CODE OPTIONS

Select **Job Code Options**.

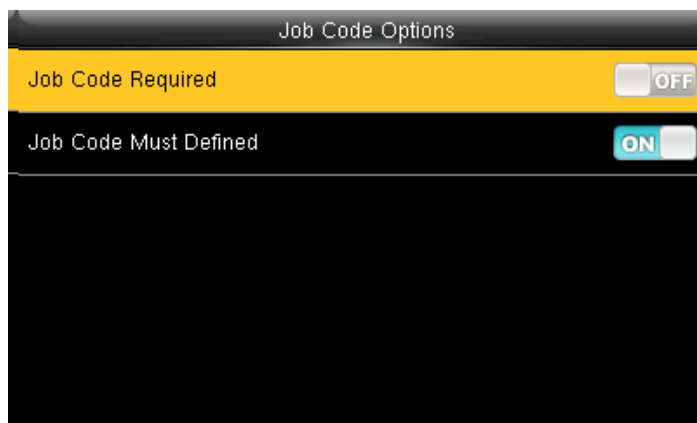


Turning **ON** options will enable and **OFF** options will disable the **Job Code Required** function "Input Screen Timeout(s)" to set up the time period for displaying the job code list in seconds.

Switch **Job Code Must Defined** to force a job code to be selected before verification.

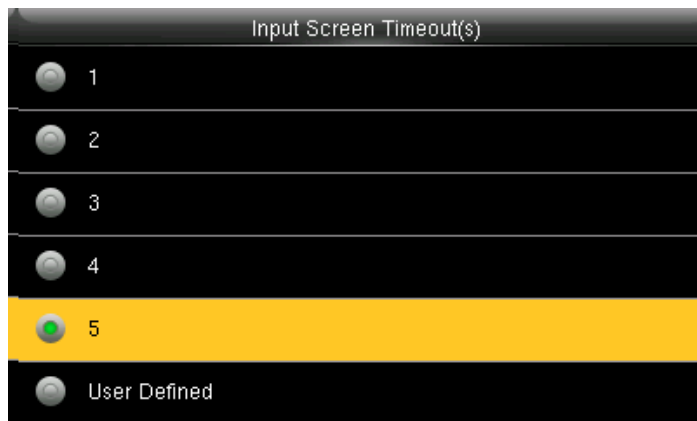


Select Input Screen Timeout as shown above.

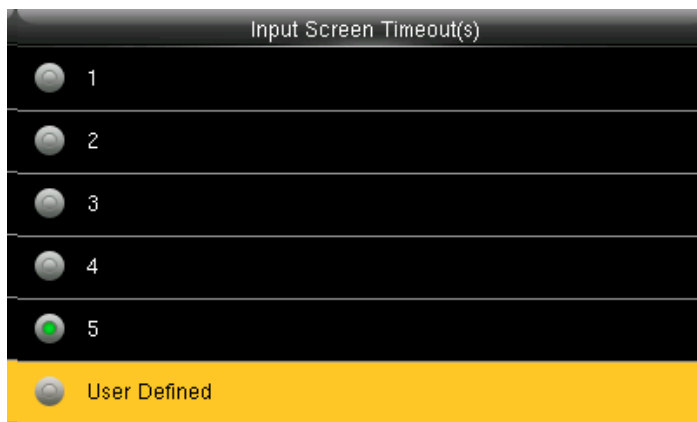


When you turn OFF the job code required function it will disable that function.

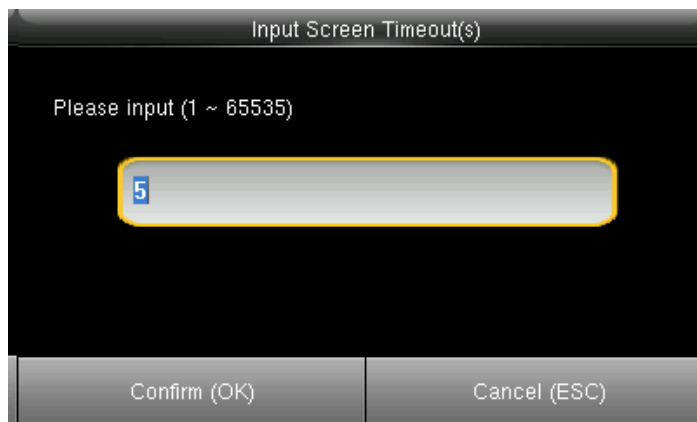
When you turned ON the job code must have defined it will enable the function and it will show as image above.



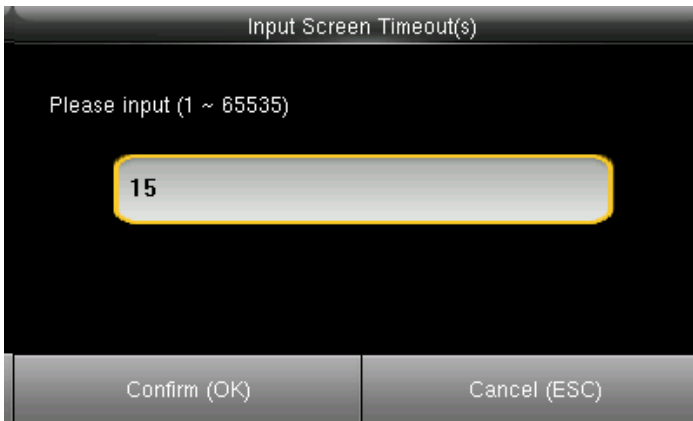
Select the time you want the screen to go idle. In this case 5 seconds is selected. when you select 5 seconds the screen will go to idle state if no registration or activity is performed on the clock.



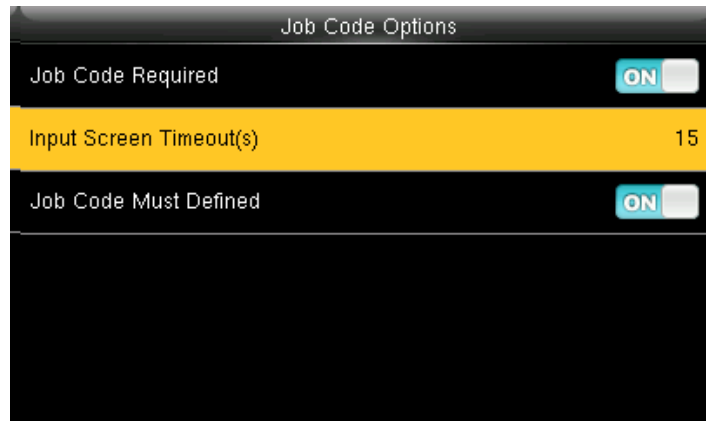
Select user defined function as shown above to set your own time for input screen timeout.



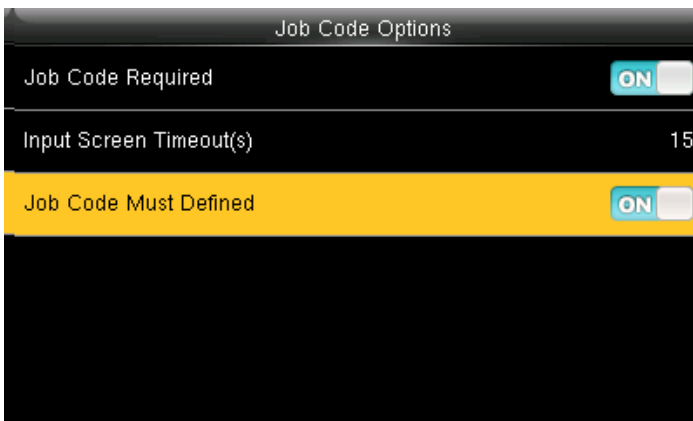
After selecting user defined function, the screen above will allow you to input the time.



Here we put 15 seconds and then click on confirm **OK** function to get that time selected.

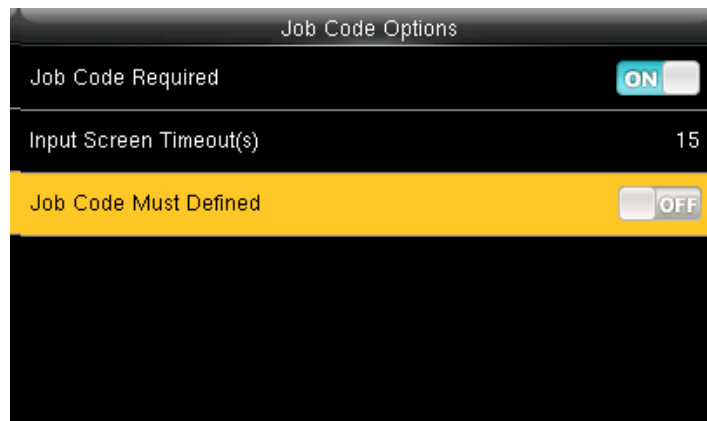


After pressing confirm **OK** function the image will be displayed as above.

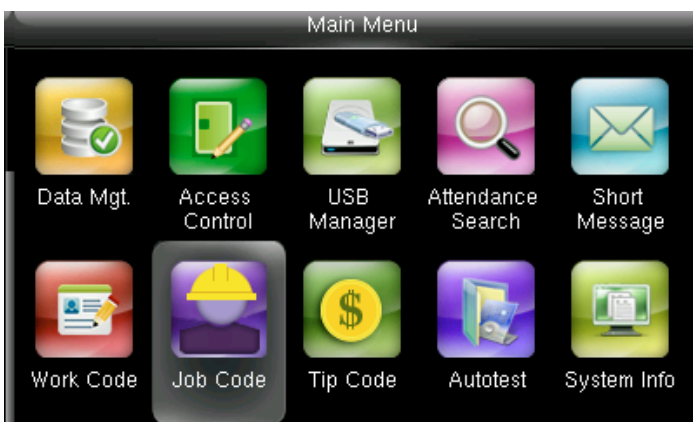


Turning **ON** options will enable the **Job Code Required** function
Switch "Job Code Must Defined" to **ON** to force a job code to be selected before verification

The input screen timeout for job code is selected as 15 seconds as shown above.

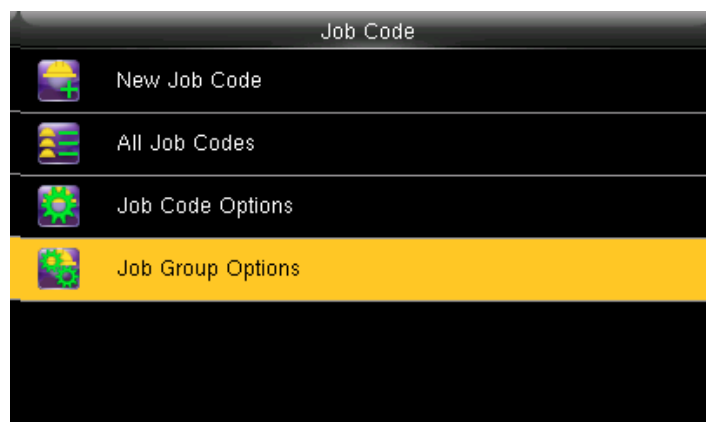


Turning **ON** options will enable the **Job Code Required** function
Switch **Job Code Must Defined** to **OFF** will not force a job code to be selected before verification



12.4 JOB GROUP OPTION MENU OPERATION

Go to menu and select **Job code**



Select **Job Group options**.

Job Group Options	
Job Group 1	<input checked="" type="checkbox"/> ON
Set Job Group Name	Undefined 1
Job Group 2	<input checked="" type="checkbox"/> ON
Set Job Group Name	Undefined 2
Job Group 3	<input checked="" type="checkbox"/> ON
Set Job Group Name	Undefined 3

Pressing switch will enable and disable the each individual **Job Groups**.

Job Group Options	
Job Group 1	<input checked="" type="checkbox"/> ON
Set Job Group Name	Undefined 1
Job Group 2	<input checked="" type="checkbox"/> ON
Set Job Group Name	Undefined 2
Job Group 3	<input checked="" type="checkbox"/> ON
Set Job Group Name	Undefined 3

The name of the group can be edited using **Set Job Group Name** individually.

To set a Job Group Name click on set job group name as shown above.

Job Code Name

Please input

Undefined 1

Confirm (OK) Cancel (ESC)

This screen will appear when you press the set job group name.

Job Code Name

Please input

Country

[Aa]

To change the job group name to country as shown above we need to press* key to switch the input method and type country using the keypad. After that press confirm **OK** button.

Job Group Options	
Job Group 1	<input checked="" type="checkbox"/> ON
Set Job Group Name	Country
Job Group 2	<input checked="" type="checkbox"/> ON
Set Job Group Name	State
Job Group 3	<input checked="" type="checkbox"/> ON
Set Job Group Name	City

After you press confirm **OK** button the set group name will change from undefined 1 to Country as shown above.

Job Group Options	
Job Group 1	<input checked="" type="checkbox"/> ON
Set Job Group Name	Country
Job Group 2	<input checked="" type="checkbox"/> ON
Set Job Group Name	State
Job Group 3	<input checked="" type="checkbox"/> ON
Set Job Group Name	City

Similar way you can put the different job group name as shown above. Group1>> Country, group 2>> State Group3>> City.

Job Group Options

Job Group 1	ON
Set Job Group Name	Country
Job Group 2	OFF
Set Job Group Name	State
Job Group 3	OFF
Set Job Group Name	City

Select the job group you want to enable by pressing **ON** functions.

Other groups with **OFF** functions will be disabled.

The job code functions will be active only to the group which is enable **ON**.

Job Group Options

Job Group 1	ON
Set Job Group Name	Country
Job Group 2	ON
Set Job Group Name	State
Job Group 3	ON
Set Job Group Name	City

To change the group name select Set Job Group name.

Job Code Name

Please input

Country

[Aa]

Change the current group name country by pressing* key on the keypad of the clock

Job Code Name

Please input

Nation

[Aa]

Change the group name as Nation as shown above.

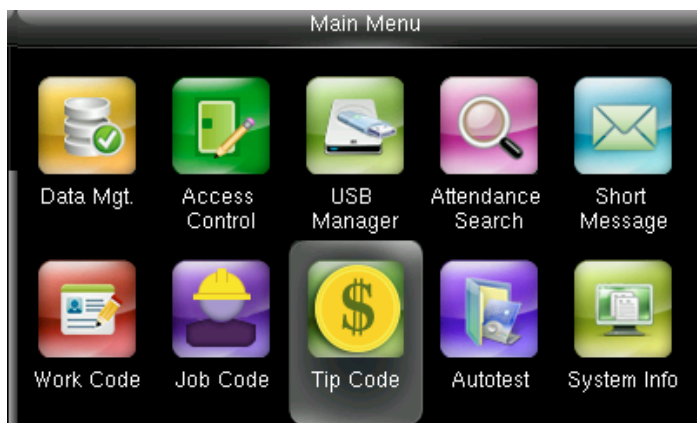
Job Group Options

Job Group 1	ON
Set Job Group Name	Nation
Job Group 2	ON
Set Job Group Name	State
Job Group 3	ON
Set Job Group Name	City

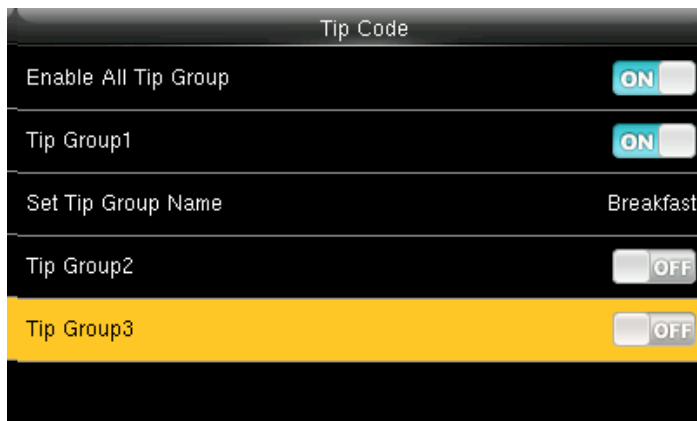
The group name will be changed to Nation as shown above.



TIP CODE



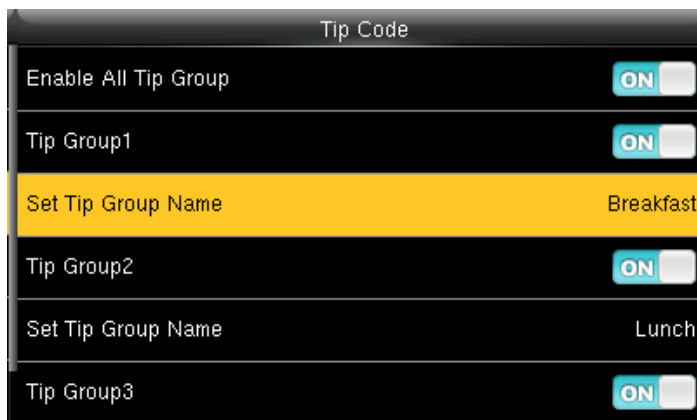
Go to menu and select Tip Code and press **OK**.



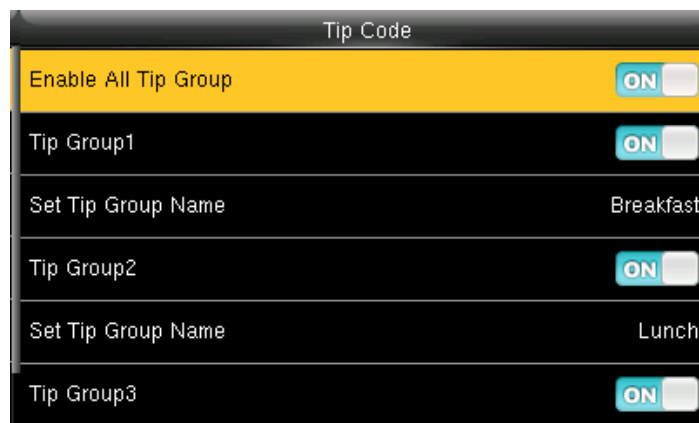
If you press **ON** it will enable that tip code function.

If you press **OFF** it will disable that tip code function

Here Tip group 1 is enabled and Tip Group 2 and 3 are disabled.



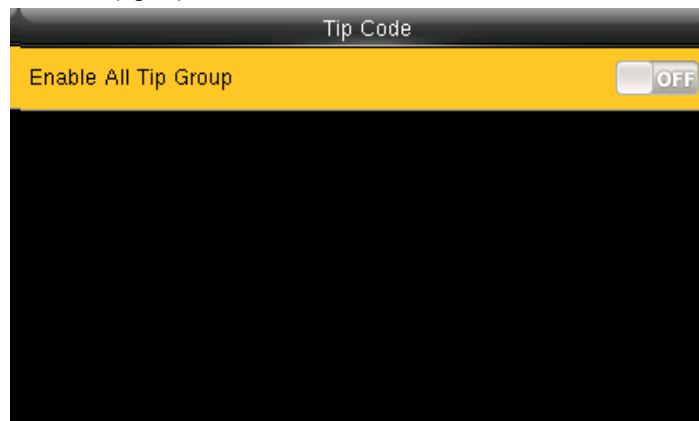
To set the tip group name select **Set Tip Group Name**.



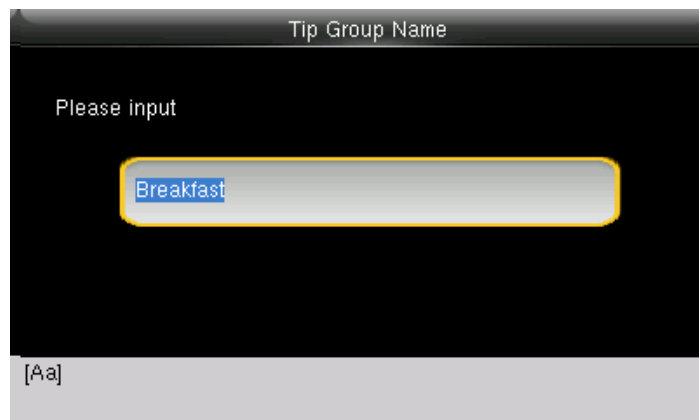
13.1 TIP CODE SETTINGS

Switch **Enable All Tip Group** to **ON** to enable Tip Code function; **OFF** to disable Tip Code function.

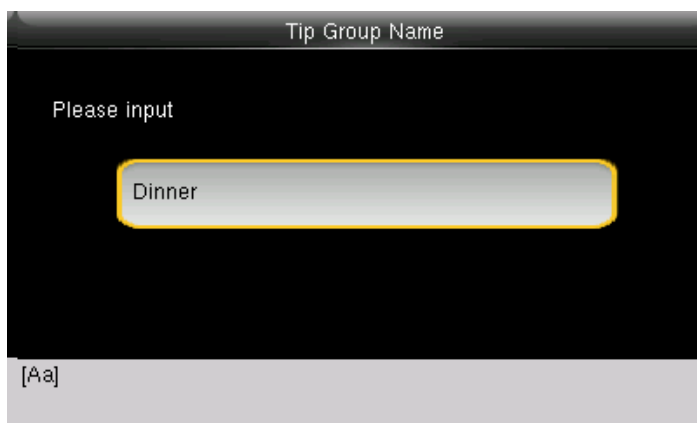
The groups can be turned on/off individually using **ON** or **OFF** associated with each tip group



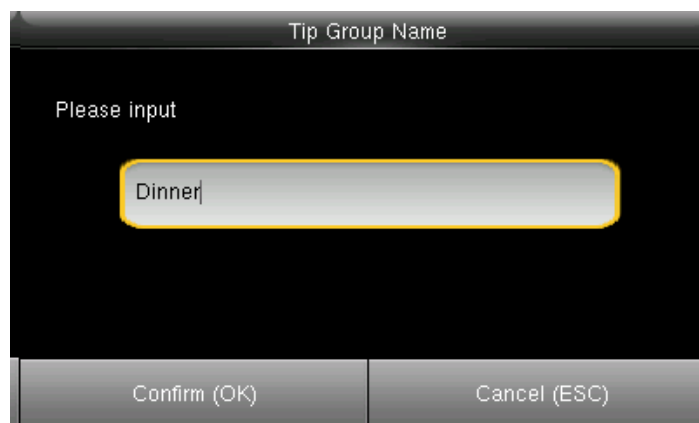
If you press **OFF** to enable all tip group it will disable all the tip group and no tip groups will be shown as above.



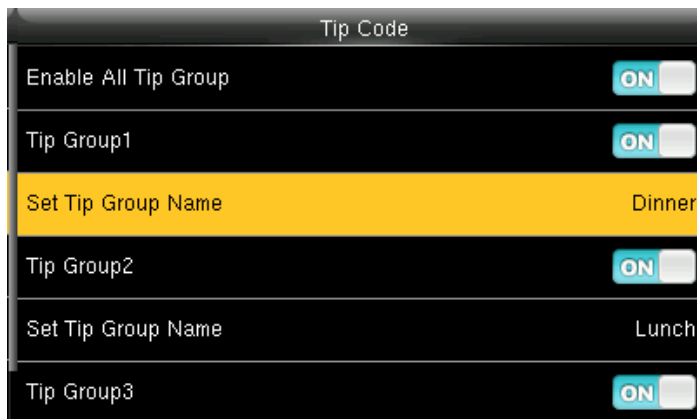
When you select the set tip group name the following image will be displayed and you can edit the name of the group from breakfast to other name by pressing* key on the keypad and # key for space



Here the Tip group is being change from breakfast to Dinner with the keypad on the clock.



After you change the name press Confirm **OK**

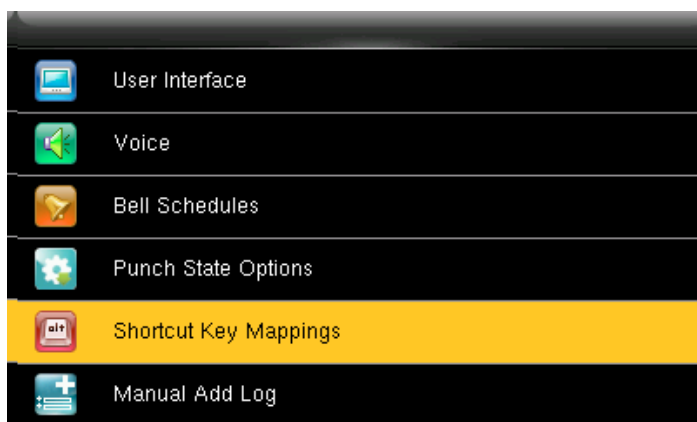


Once you hit the Confirm **OK** button the set tip group name will be changed to Dinner as shown above.



13.2 TIP CODE

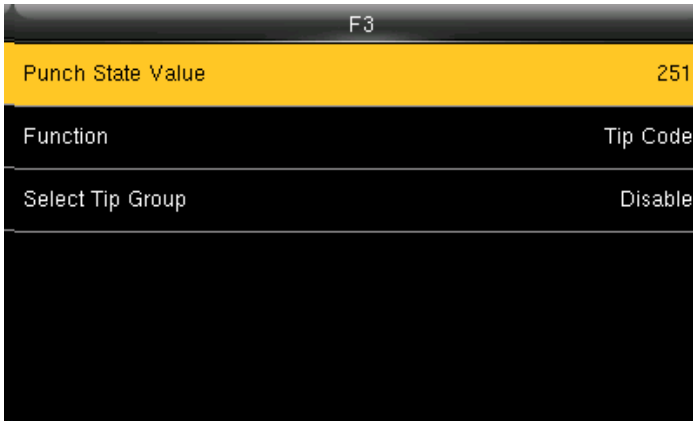
Go to menu and select "Personalize" and press **OK**.



Select **Shortcut key mappings** and press **OK**.



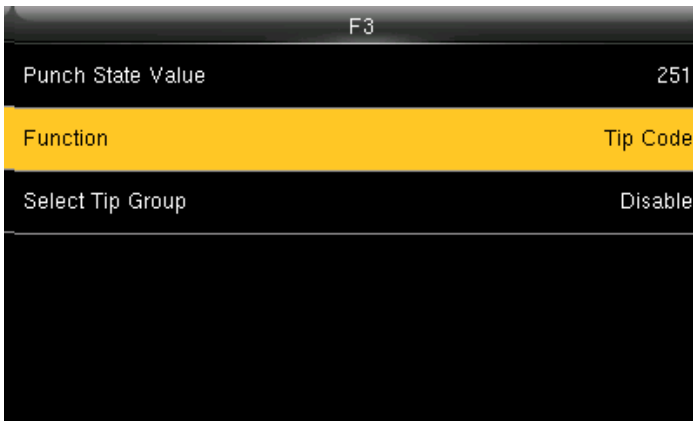
Select **F3** as tip code.



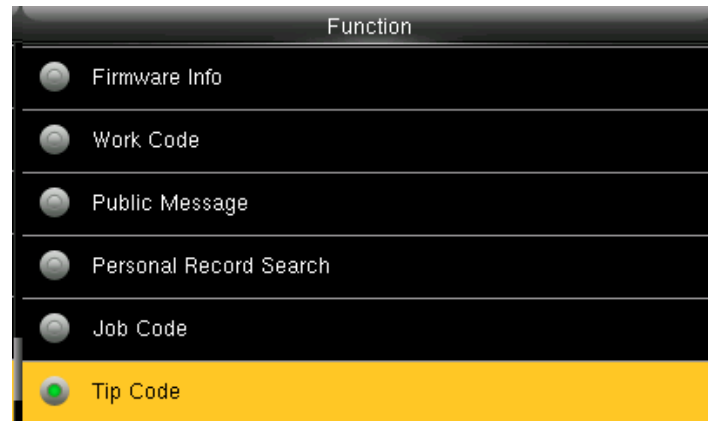
In F3 Select Punch State Value.



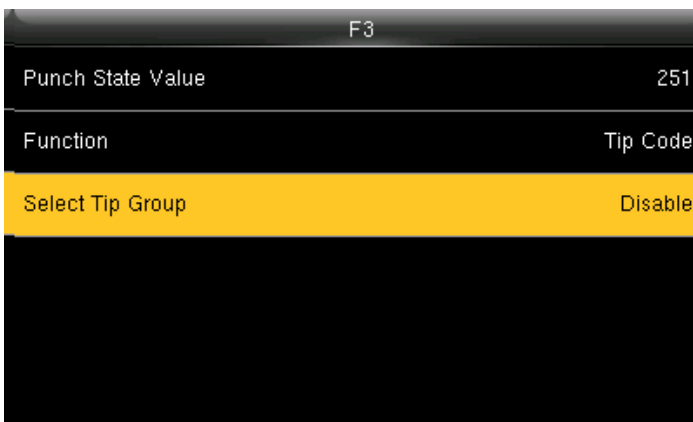
You can change the punch state value by editing in the input section using the keypad.



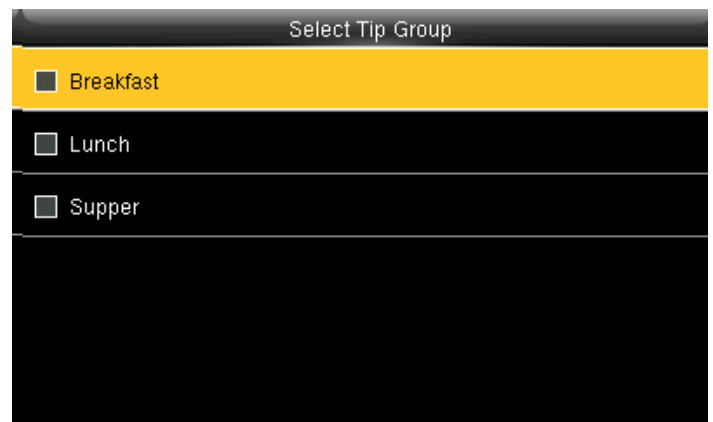
Select **Function**



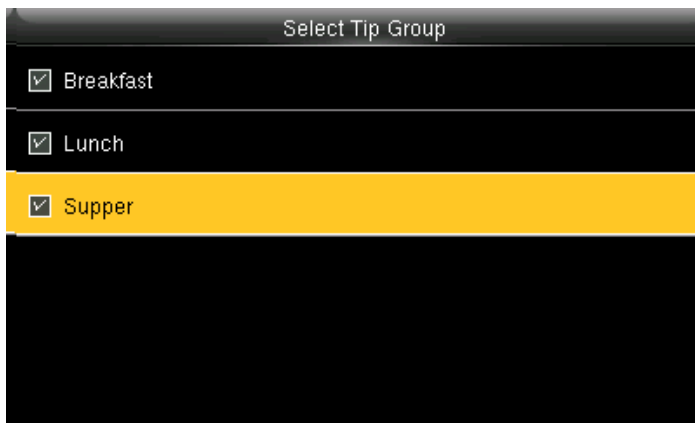
In function key select **TIP code**.



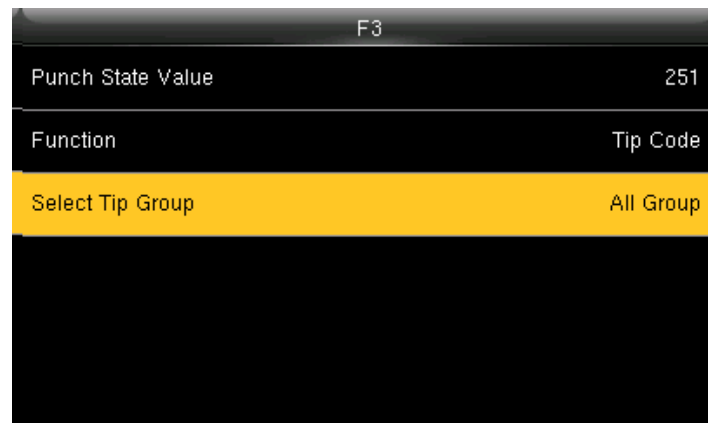
Pressing switch will enable and disable the each individual job groups .



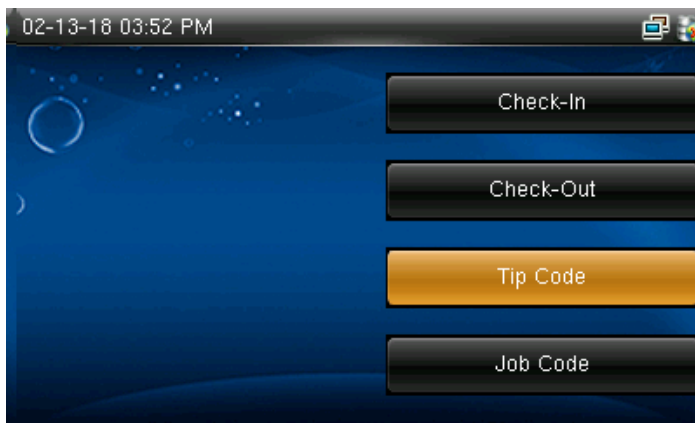
If the check mark is not selected on the box no tip group will be selected and it will be disabled as above



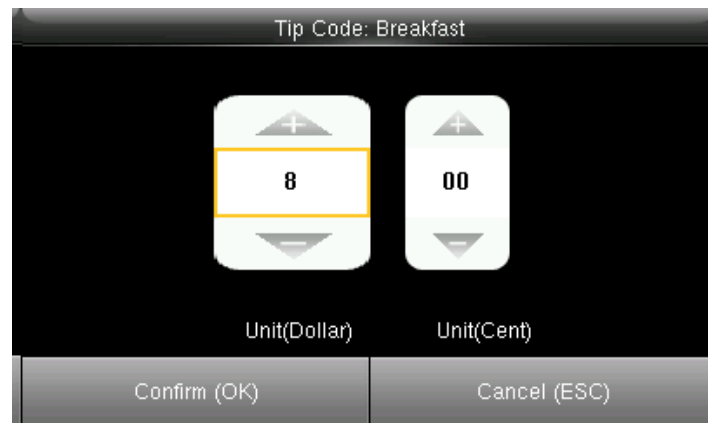
If you check mark all the groups as above all the Tip Groups will be enabled.



If all three tips are selected, **Select Tip Group** will be displayed as **All Group**.

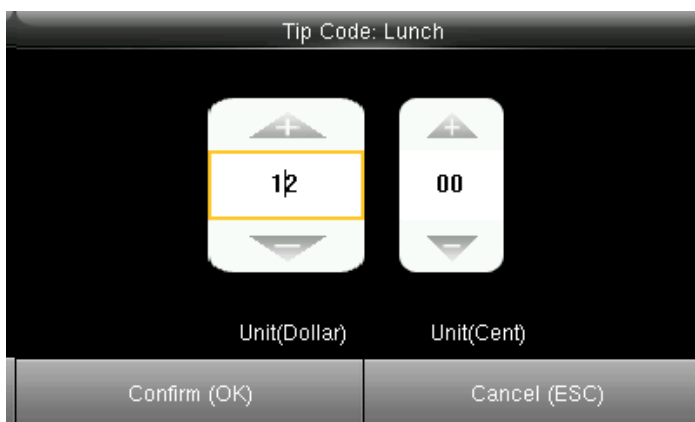


Select F3 key on the main screen as tip code.



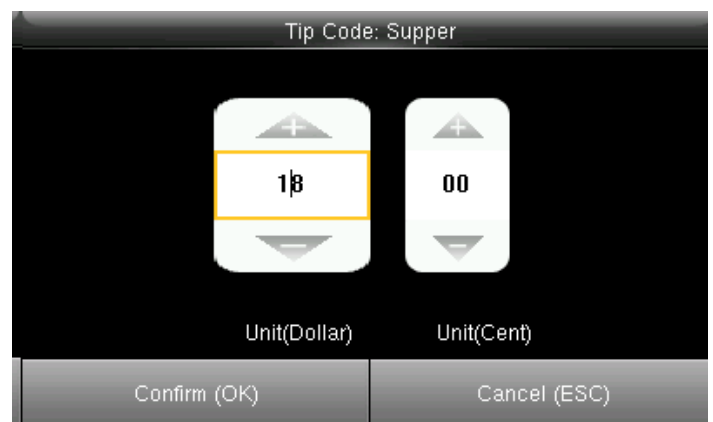
You can edit the tip in the amount of dollars by pressing up and down arrow on the keypad according to group.

Here for breakfast tip is set to 8 dollars and then press confirm **OK**.



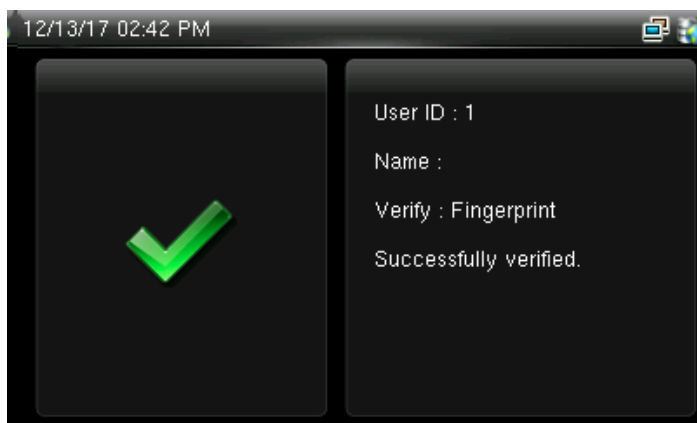
You can edit the tip in the amount of dollars by pressing up and down arrow on the keypad according to group.

Here for Lunch tip is set to 12 dollars and then press confirm **OK**.



You can edit the tip in the amount of dollars by pressing up and down arrow on the keypad according to group.

Here for Supper tip is set to 8 dollars and then press confirm **OK**.



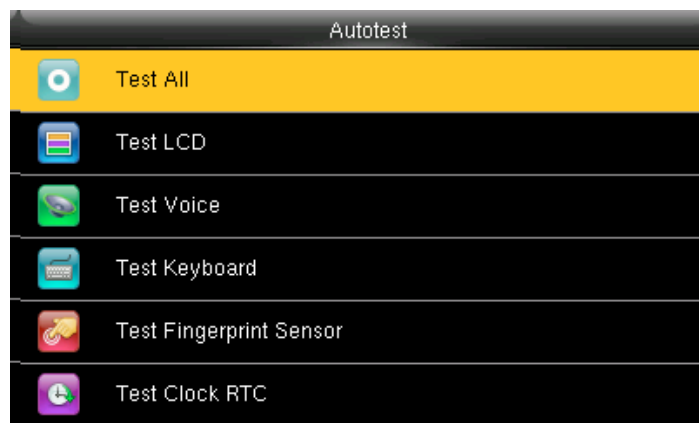
Once all the tip is set according to the group the user from the group can easily punch in and punch out by their fingerprint and the above image will displayed if the fingerprint is successfully verified.



AUTOTEST



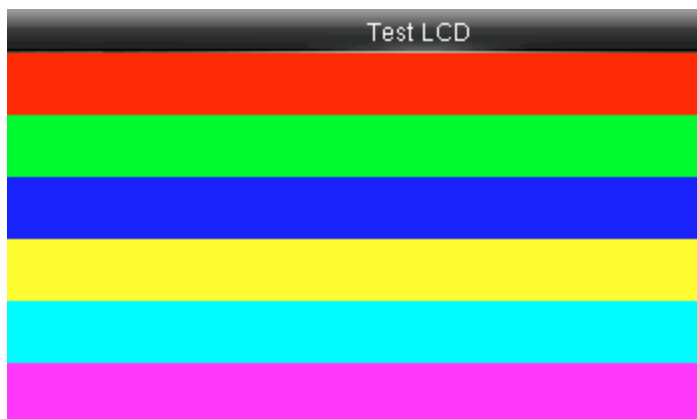
Go to menu and select "Auto test" and press **OK**.



14.1 ALL TEST

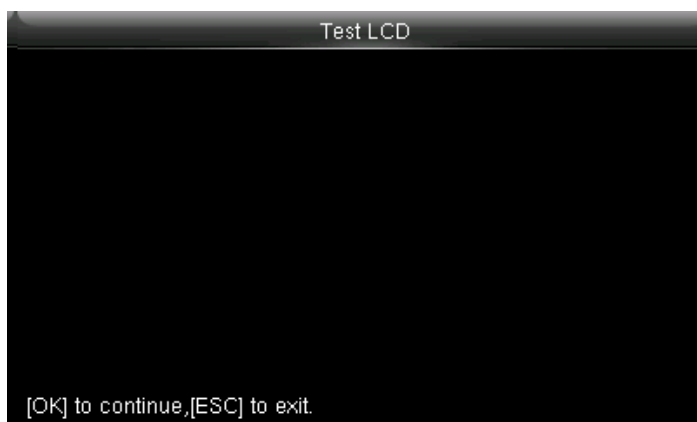
Select **Test All**.

The terminal automatically tests the LCD, voice, sensor, keyboard and clock, press **OK** to continue and press **[ESC]** to exit

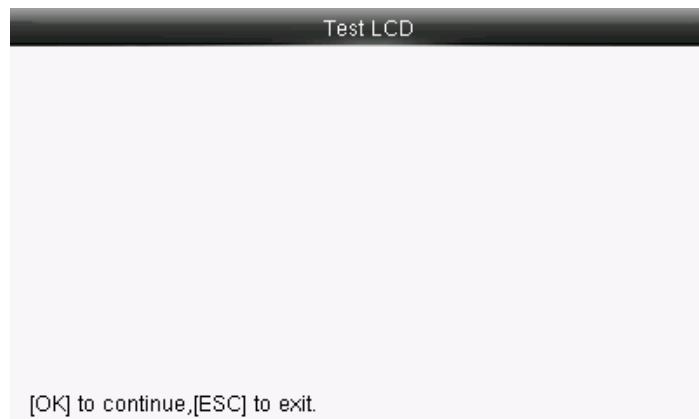


14.2 TEST LCD

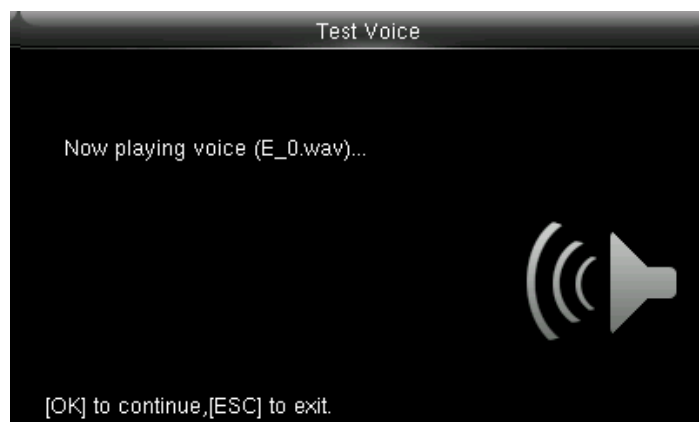
The terminal automatically tests the display effect of the color TFT display by displaying full color, pure white and pure black and checks whether the screen displays properly.



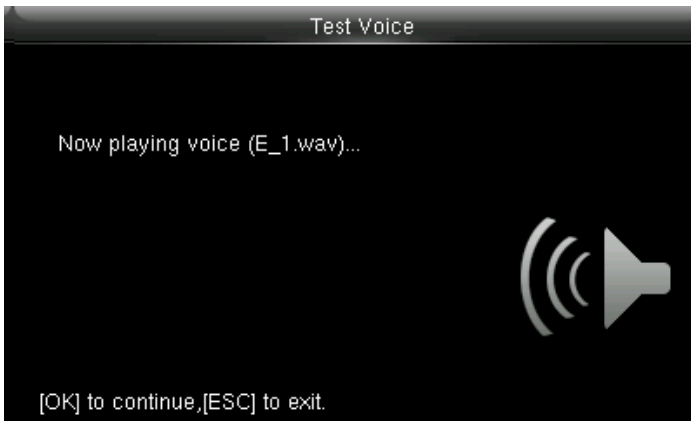
The terminal automatically tests the display effect of the color TFT display by pure black



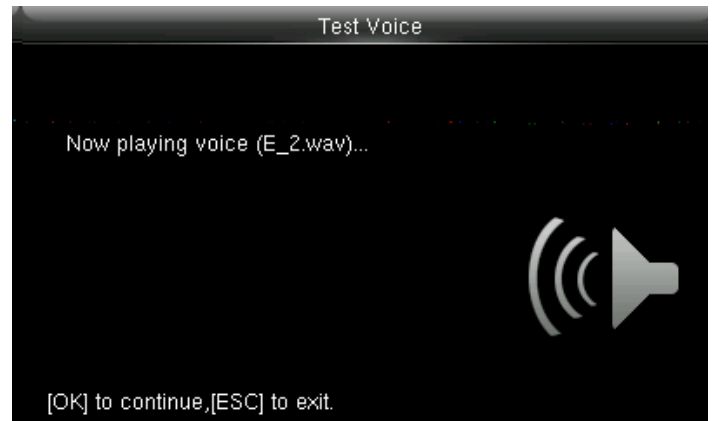
You can continue the test by touching the screen or exit it by pressing **[ESC]**



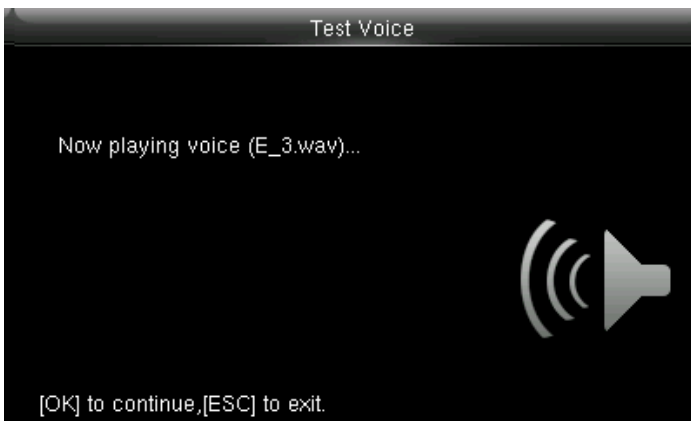
Here you can test the different voice wav file. To continue the voice test press **OK** and to exit press **ESC**



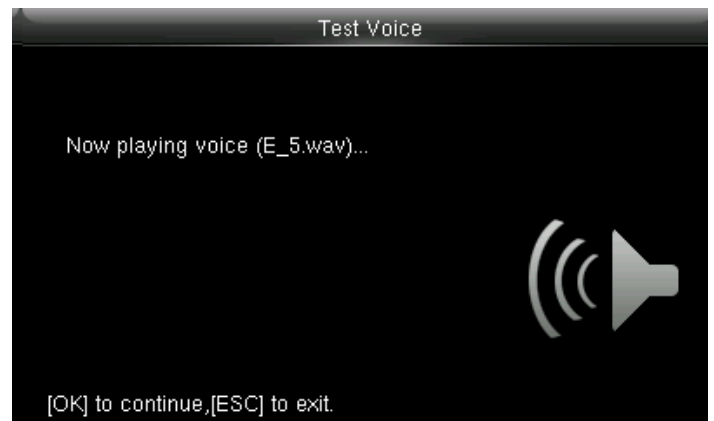
Here you can test the different voice wav file. To continue the voice test press **OK** and to exit press ESC



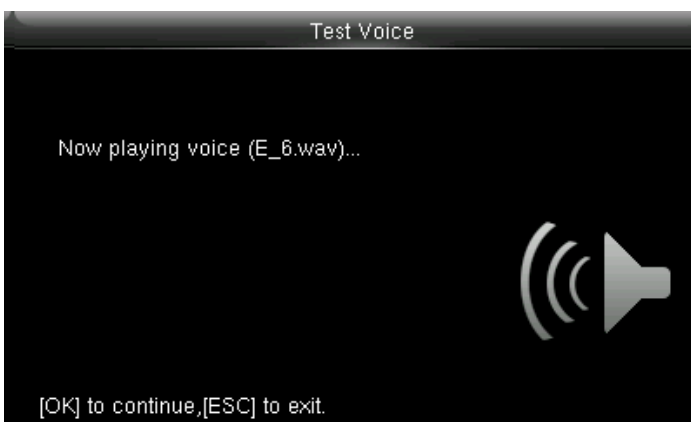
Here you can test the different voice wav file. To continue the voice test press **OK** and to exit press ESC



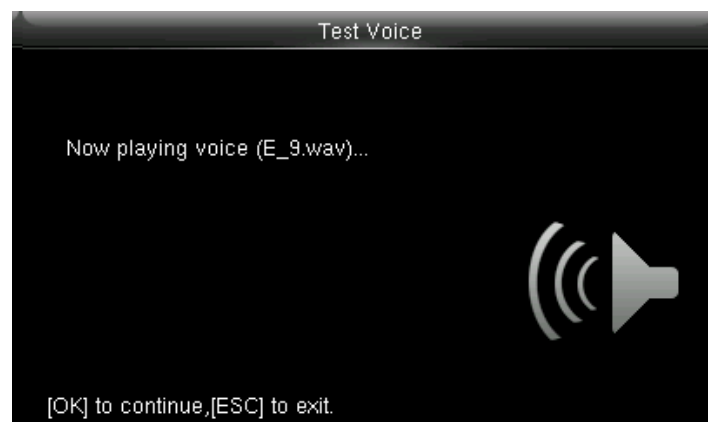
Here you can test the different voice wav file. To continue the voice test press **OK** and to exit press ESC



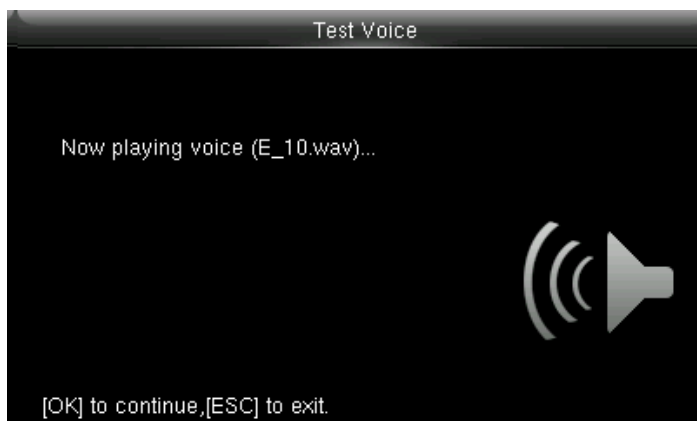
Here you can test the different voice wav file. To continue the voice test press **OK** and to exit press ESC



Here you can test the different voice wav file. To continue the voice test press **OK** and to exit press ESC

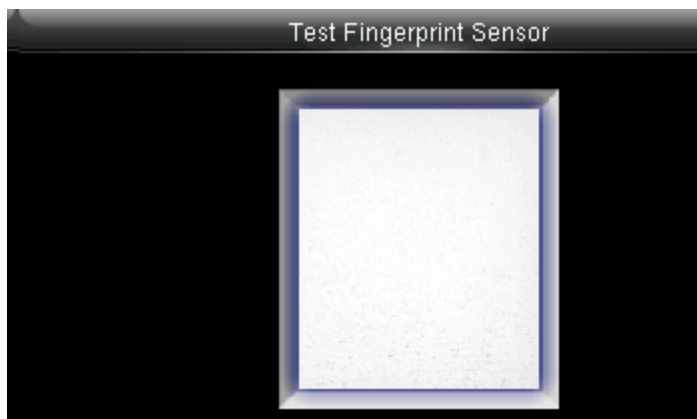


Here you can test the different voice wav file. To continue the voice test press **OK** and to exit press ESC



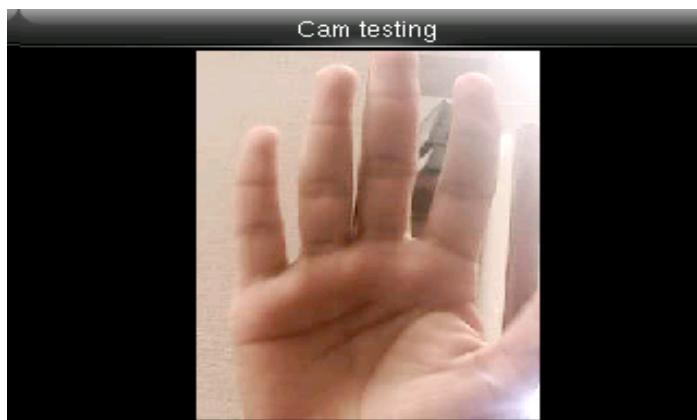
14.3 TEST VOICE

Here you can test the different voice wav file. To continue the voice test press **OK** and to exit press **ESC**



14.5 TEST FINGERPRINT SENSOR

The terminal automatically tests whether the fingerprint collector works properly by checking whether the fingerprint images are clear and acceptable. When the user places his/her finger in the fingered guide, the collected fingerprint image is displayed on the screen in real-time. Press **[ESC]** to exit the test

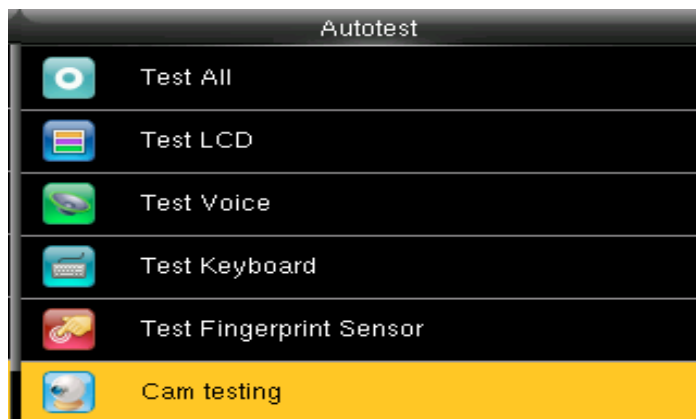


Once you select the Cam testing you can test the camera to see if it is working properly and getting proper images of the user



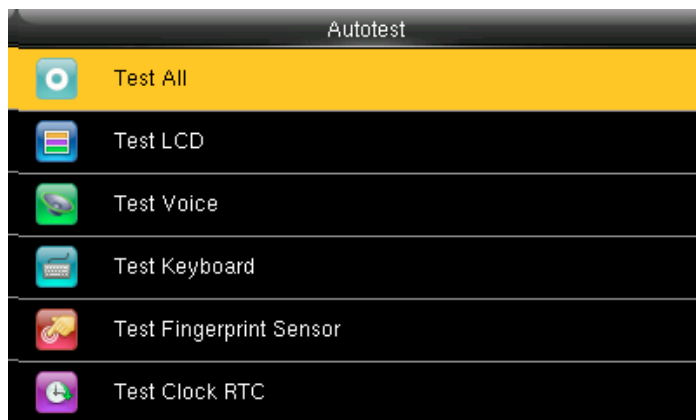
14.4 TEST KEYBOARD

The terminal tests whether every key on the keyboard works normally. Press any key on the [Keyboard Test] interface to check whether the pressed key matches the key displayed on screen. The keys are dark-gray before pressed, and turn blue after pressed. Press **[ESC]** to exit the test.



14.6 CAM TESTING

Select **Cam testing** and Press **OK**



14.7 TEST CLOCK RTC

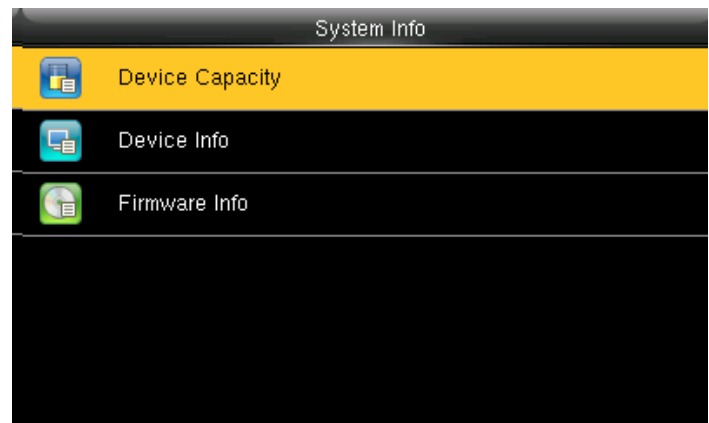
Test Clock RTC: The terminal tests whether its clock works properly by checking the stopwatch of the clock. Touch the screen to start counting, and touch it again to stop to check whether the counting is accurate. Press **[ESC]** to exit the test.



SYSTEM INFORMATION



Go to menu and select **System Info** and press **OK**.



15.1 DEVICE CAPACITY

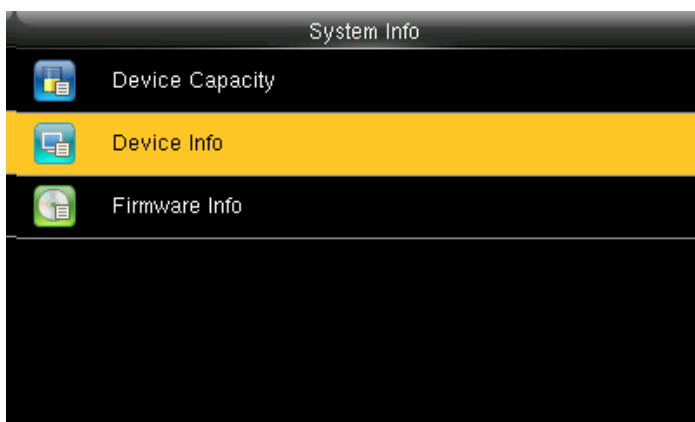
Select "Device Capacity".

Device Capacity	
User (used/max)	1/10000
Admin User	0
Password	1
Fingerprint (used/max)	1/3000
Badge (used/max)	1/10000
ATT Record (used/max)	4/50000

The number of enrolled users, administrators, passwords, the total fingerprint storage capacity and occupied capacity, ID cards and attendance capacity are displayed respectively

Device Capacity	
Admin User	0
Password	1
Fingerprint (used/max)	1/3000
Badge (used/max)	1/10000
ATT Record (used/max)	4/50000
User Photo(used/max)	0/2000

The number of enrolled users, administrators, passwords, the total fingerprint storage capacity and occupied capacity, ID cards and attendance capacity are displayed respectively



15.2 DEVICE INFO




Click on "Device info" and press **OK**.

Device Info	
Device Name	iClock880-ID
Serial Number	BYUJ182160011
MAC Address	00:17:61:13:02:04
Fingerprint Algorithm	Finger VX10.0
Platform Information	ZMM200_TFT
MCU Version	12

The Device name, serial number, MAC Address, Fingerprint Algorithm, platform information and MCU version are displayed on device interface.

Device Info	
MAC Address	00:17:61:12:92:52
Fingerprint Algorithm	Finger VX10.0
Platform Information	ZMM200_TFT
MCU Version	24
Manufacturer	ZK Tech
Manufacture Date	07/31/2017 01:09:15

Manufacture and Manufacture date are displayed on the device interface

System Info	
	Device Capacity
	Device Info
	Firmware Info

15.3 FIRMWARE INFO

Click on **Firmware Info** and press **OK**.

Firmware Info	
Firmware Version	Ver 8.0
Bio Service	Ver 2.1.12-2
Push Service	Ver 2.0.24S-2
Standalone Service	Ver 2.1.0-2
Dev Service	Ver 1.0.101-2

The Firmware version, Bio Service, Push Service, Standalone Service, Dev Service and System Version – are displayed on the firmware info interface

