

## Administrator Operation

### 1.1 Password for Programming Mode

Press **\*** **Password** **#**. (Press \* and the IR indicat or turns on in 3 seconds.)  
 Note: initial password:1234.  
 Please enter it before setting new password.

### 1.2 Set New Password

In programming mode, press **0** **New Password #** **New Password #**  
 Note: the password can be 4~8 same or different digits.

### 1.3 Administrator

#### Add Administrator

Press **1** **\*** **1** **#** **fingerprint 1 fingerprint 1**  
 or read **card**, and then back to main menu.

#### Delete Administrator

Press **1** **\*** **2** **#** **fingerprint 1 fingerprint 1**  
 or read **card**, and then back to main menu.

Note: 1. 4 administrators can be added, including 2 for registering data and 2 for deleting data.

2. Fingerprints or cards used for registering data should be different from those used for deleting data, and fingerprints or cards of administrators should be different from those of ordinary user.

1

### 1.4 Flash Drive

Plug in flash drive, **administrator fingerprint** or read **administrator card** or input **administrator password#**, and then back to main menu

Note: 1. This device will automatically upload or download data once connected to flash drive.

2. User data previously saved in this device will be cleared once connected to flash drive.

### 1.5 Lost Administrator Password

In case administrator password is lost, please uninstall this device (accompanied with alarm), input initial password and then set new password.

## User Sign In

### 2.1 Sign In Automatically

Press **1** **fingerprint 1 fingerprint 1** or read **card 1**  
 or enter **8~10 digit card number#**; press **fingerprint 2** **fingerprint 2** or read **card 2** or enter **card number 2#**... **#**;

Note: fingerprint user ID number or card user ID number generates automatically from small to big.

### 2.2 Sign In with ID Number

Press **1** **ID number 1#** **fingerprint 1 fingerprint 1**  
 or read **card 1** or enter **6~8-digit card number#**,  
**ID number 2#** **fingerprint 2 fingerprint 2** or read  
 or read **card 2** or enter **6~8-digit card number#**... **#**.

Note: 1. ID number 1~4 same or different digits.

2. ID number is required when setting password.

### 2.3 Sign In with Administrator Fingerprint or Card

Press **add with administrator fingerprint** or  
**add with administrator card**, **fingerprint 1 fingerprint 1** or read  
**card 1**, press **fingerprint 2 fingerprint 2** or read **card 2**...,  
 finally press **add with administrator fingerprint** or  
**add with administrator card** to exit.

## Delete User

### 3.1 Delete with Searched ID Number

Press **2** **fingerprint** or read **card**... **#**.

### 3.2 Delete with Given ID Number

Press **2** **ID Number 1#** **ID Number 2#** ... **#**.

### 3.3 Delete All

Press **2** **0 0 0 0 #**.

3

Note: after pressing 2 0000#, all ordinary users will be deleted, except administrators. Please think it over before deleting them all.

### 3.4 Delete User with Administrator Fingerprint or Card

Press **delete with administrator fingerprint** or  
**delete with administrator card**, **fingerprint** or read **card**,  
**fingerprint 2** or read **card 2**...finally **delete with administrator fingerprint**  
 or **delete with administrator card** to exit.

## Door Access Control

### 4.1 Set Unlocking Time (5 seconds as preset, and 0 second stands for 50 milliseconds.)

Press **3** **0~99** **#**.

### 4.2 Set Door Sensor Alarm

#### 4.2.1 Disenable (already preset)

Press **4** **0** **#**.

#### 4.2.2 Enable

Press **4** **1** **#**.

#### 4.2.3 Set Door Sensor Delay

Press **5** **1~254** **#**.

4

Remarks: 1. In case door sensor delay is enabled, door sensor will postpone detecting once the door is opened.

2. Once delay time is up, door sensor starts detecting, in case door status is different from previously status, the alarm will be triggered.

3. In case the alarm is triggered, the buzzer will sound first, and external siren will sound 30 seconds after. In case user or administrator is verified, the alarm will be cancelled.

### 4.3 Set Alarm upon Input Error

#### 4.3.1 Disenable (already preset)

Press **6** **0** **#**.

#### 4.3.2 Enable

Press **6** **1** **#**.

Note: In case wrong passwords, fingerprints or cards are used for 8 times within 10 minutes, the alarm will be triggered. In case user or administrator is verified, the alarm will be cancelled.

### 4.4 Set Inactive Mode

#### 4.4.1 Disenable (already preset)

Press **7** **0** **#**.

#### 4.4.2 Enable

Press **7** **1** **#**.

5

### 4.4.3 Close the backlight function of induction

Press **7** **2** **#**.

### 4.4.4 Open the backlight function of induction

Press **7** **3** **#**.

Note: Once inactive mode is enabled, indicator light turns off in sleep status.

### 4.5 Set Device Code Number

Press **8** **1~255** **#**.

Note: device code number + ID = virtual card number. In case device code number is 255, and ID is 2003, then virtual card number would be 255 02003. This function is applicable to 8-digit decimal card number, which can be shown in Wiegand 26 Format.

### 4.6 System Settings

#### 4.6.1 Menu Initialization

Press **9** **0** **#**.

#### 4.6.2 System Initialization

Press **9** **1** **#**.

#### 4.6.3 Delete Administrator

Press **9** **2** **#**.

6

## User Operation

### 5.1 Verify User with Fingerprint

Use correct **fingerprint** to pass user verification.

### 5.2 Verify User with Card

Use correct **card** to pass user verification.

### 5.3 Verify User with Password

Press **ID number** **user password#** to pass user verification.

### 5.4 Reset Alarm

Press **fingerprint/administrator fingerprint** or  
**card/administrator card** or enter **administrator password #** to reset.

## Voice & Light Alert

Status	Red	Blue	Orange	Buzzer
Standby	Blink Slowly	Off	Off	
Correct	Off	On	Off	Long deep
Error	On	Off	Off	Beep three times
Button				Beep
Programming mode (Main Menu)		On		
Setting mode (Secondary Menu)			On	
Alarm	Blink quickly			Beep...

78

## Technical Parameters

Operating voltage	+12V
Current	Standby: 55mA; operating: 130mA
Read distance	>5cm
Operating temperature	-20°C~50°C
Fingerprint capacity	500
FAR	<0.00001
FRR	<0.01
Dimensions	87mm*87mm*30mm