

Simplifie	d Instruction
Function Description	Operation
Enter the Programming Mode	* - Master Code - # then you can do the programming (123456 is the factory default master code)
Change the Master Code	0 - New Code - # - Repeat the New Code - # (code: 6 digits)
Add Card User	1 - Read Card - # (can add cards continuously)
Add Fingerprint User	1-Fingerprint- Repeat Fingerprint- Repeat Fingerprint Again-#
Delete User	2- Fingerprint-# 2-Read Card-#
Exit from the Programming Mode	*
How to release the door	
Fingerprint User	Input Fingerprint
Card User	Read Card

Programming Step	Keystroke Combination
1. Enter Program Mode	* (Master Code)#
1. Add Master Fingerprint	1 (99) # (Fingerprint) (Repeat Fingerprint) (Repeat Fingerprint again)
3. Exit	*
Add Visitor Hours (Valid for Co	and Hoore)
Add Visitor Users (Valid for Ca (User ID number is 990–999) There are 10 groups Visitor card ava to 10 times of usage, after a certain in become invalid automatically.	,
(User ID number is 990~999) There are 10 groups Visitor card ava to 10 times of usage, after a certain n	ilable, the users can be specified up
(User ID number is 990~999) There are 10 groups Visitor card ava to 10 times of usage, after a certain n become invalid automatically.	illable, the users can be specified up number of times, i.e. 5 times, the card

	become invalid automatically.	
# e programming	Programming Step	Keystroke Combination
ory default	1. Enter Program Mode	*(Master Code)#
	2. Add Card	1 (User ID) # (0~9) # (Read Card)
Repeat the New		(Input 8/10/17 Digits Card Numb (0~9 means times of usage, 0= times)
	3. Exit	*
tinuously)		
eat Fingerprint-	Delete Heere	

Add Master Fingerprint (By specified ID: 99)

0 0 1	*  Keystroke Combination
Programming Step I	Keystroke Combination
0 0 1	Keystroke Combination
1 Enter Program Mode	
1. Litter i rogram wode	* (Master Code)#
2. Delete User- By Fingerprint/ Card	2 (Input Fingerprint)/ (Read Card)
OR	The users can be deleted continuously.
2. Delete User - By ID number OR	2 (User ID ) #
2. Delete User - By Card number 2	2 (input 8/10/17 Digits Card Number) #
2. Delete ALL Users	2 (Master Code) #
3. Exit	*

	Set Relay Configuration The relay configuration sets the behaviour of the output relay on activation.	
	Programming Step	Keystroke Combination
1	Enter Program Mode	*(Master Code)#
	2. Pulse Mode OR 2. Toggle Mode	3 (1~99) # (factory default) The relay time is 1-99 seconds. (Default is 5 seconds) 3 0 # Sets the relay to ON/OFF Toggle mode
	3. Exit	*

Exit	*
Access Mode	
	interval time of reading can not device will exit to standby automatical

Programming Step	Keystroke Combination
1. Enter Program Mode	*(Master Code)#
2 Fingerprint Access OR	40#
2 Card Access OR	41#
2 Fingerprint or Card Access OR	42#
2 Multi User Access	43 (2~9) # (Only after 2~9 valid users, the door be opened)
3. Exit	*

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### Set Strike-out Alarm

Set Alarm Time

Programming Step
1. Enter Program Mode

Enable Sound

OR 2. LED Always OFF

LED Always ON

Set Audible and Visual Response

Set Strike-Out Alarin	
It can be set to deny access for 10	ter 10 failed entry attempts (Factory is minutes after engaging or disengage ard or Master code/ fingerprint/ card
Programming Step	Keystroke Combination
Enter Program Mode	* (Master Code)#
2. Strike-Out OFF OR	6 0 # (factory default)
2. Strike-Out ON	61# Access will be denied for 10 m
OR	(Exit button is still workable)
2. Strike-Out ON (Alarm)	62#

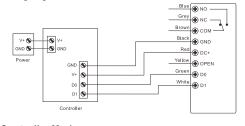
5 (0 ~ 3) # (factory default is 1 minute)

7 1 # (factory default)

7 3 # (factory default)

Enter Master Code # or Master Fingerprint Card or valid user fingerprint / card to

# Wiring Diagram



(The device Operates as a Wiegand Output Reader)

In this mode the device supports a Wiegand 26 bits output so the Wiegand data lines can be connected to any controller which supports a Wiegand 26 bits input, and then the device will operate as a slave reader.

2) Operate the controller enter into adding card users, then read this added fingerpint on the device, this fingerprint's corresponding User ID

will generate a virtual card number and send to the controller. Example: User ID is 2 for the added fingerprint, the output will be 00000002

## Controller Mode

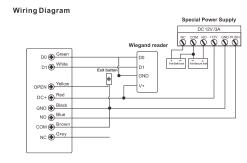
WIEGAND MODE -

Pass-through Mode

1) Add fingerprint on device

Fingerprint Users Transmission Format

It supports Wiegand 26/34 bits input (Automatic Identification), so
an external Wiegand device with 26/34 bits output can be connected
to the Wiegand input terminals on the device. Either an EM card read
(125 KHz) or a Mifare card reader (13.56MHz) can be connected to
the device.
Cards are required to be added at the external reader, except where an external EM card Reader is used, in this case cards can be added at either reader or controller.



### OTHERS -



Button, hold it and power on, there will be two beeps, then release the exit button, the LED light turns into yellow, then read any 125KHz EM card/13.56MHz Mifare card, the LED will turn into red, means reset to factory default successfully. Of the card reading, it is the Master Card.

2 Reset to factory default, the user's information is still retained.

Using Master Fingerprint/ Card to add and delete users	
Add Fingerprint / Card Users	Input (Master Fingerprint/ Card)     Input (Fingerprint three times)     or (Card)     Repeat step 2 for additional users     Input (Master Fingerprint/ Card)     again
Delete Fingerprint / Card Users	Input (Master Fingerprint/ Card Twice within 5s)     Input (Fingerprint) or (Card)     Repeat step 2 for additional users     Input (Master Fingerprint/ Card)     again

1) If no Master Card added, must press the Exit Button for at least 5 seconds

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