

<u> </u>	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	Reystroke Combination		
Enter Program Mode	* (Master Code) #	Programming Step	Keystroke Combination
. Add Master Fingerprint	1 (99) # (Fingerprint) (Repeat	Enter Program Mode	*(Master Code)#
<u> </u>	Fingérprint) (Repeat Fingerprint again)	2. Pulse Mode OR	3 (1~99) # (factory default) The relay time is 1-99 seconds.
3. Exit	*	2. Toggle Mode	(Default is 5 seconds) 30# Sets the relay to ON/OFF Toggle mode
Add Visitor Users (Valid for C	ard lisers)	3. Exit	*
o 10 times of usage, after a certain ecome invalid automatically.	ailable, the users can be specified up number of times, i.e. 5 times, the card		he interval time of reading can not e device will exit to standby automatical
Programming Step	Keystroke Combination	Programming Step	Keystroke Combination
1. Enter Program Mode	*(Master Code)#	1. Enter Program Mode	*(Master Code)#
2. Add Card	1 (User ID) # (0~9) # (Read Card) / (Input 8/10/17 Digits Card Number) # (0~9 means times of usage, 0= 10 times)	2 Fingerprint Access OR 2 Card Access OR	40#
3. Exit	*	2 Fingerprint or Card Access	42#
elete Users		OR 2 Multi User Access	43 (2~9) # (Only after 2~9 valid users, the door be opened)
Programming Step	Keystroke Combination	3. Exit	*
Enter Program Mode	* (Master Code)#		
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 OR	2 (input 8/10/17 Digits Card Number)#		

Set Relay ConfigurationThe relay configuration sets the behaviour of the output relay on activation.

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Add Master Fingerprint (By specified ID: 99)

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2. Strike-Out ON OR 2. Strike-Out ON (Alarm)	(Exit button is still workable)	
Set Alarm Time	5 (0 ~ 3) # (factory default is 1 minute) Enter Master Code # or Master Fingerprint / Card or valid user fingerprint / card to silence	
3. Exit	*	
Set Audible and Visual Res	sponse	
Set Audible and Visual Res Programming Step	sponse Keystroke Combination	
	,	
Programming Step	Keystroke Combination	
Programming Step 1. Enter Program Mode 2. Disable Sound Enable Sound	Keystroke Combination * (Master Code) # 70#	
Programming Step 1. Enter Program Mode 2. Disable Sound Enable Sound OR	Keystroke Combination * (Master Code) # 7 0 # 7 1 # (factory default)	

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The strike-out alarm will engage after 10 failed entry attempts (Factory is OFF)

* (Master Code)#

6 0 # (factory default)

It can be set to deny access for 10 minutes after engaging or disengage only after entering a valid Finerprint/ card or Master code/ fingerprint/ card.

Enter Program Mode

	ringerprint osers transmission romat					
minutes	1) Add fingerprint on device 2) Operate the controller enter into adding card users, then read this					
	added fingerpint on the device, this fingerprint's corresponding User ID					
ute)	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					
gerprint /	Example: Osci ib is 2 for the added imgerprint, the output will be occooded					
	Wiring Diagram					
	Blue NO					
	Grey					
	Brown a					
	V+ S V+ Black ⊕ GND					
	GND S GND Red ⊕ DC+					
	Power GND OPEN					
	V+ Green D0					
	Do White D1					
	DI O					
	Controller					
	Controller Mode					
	(The device Operates as a Controller)					
	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 reader					
	(125 KHz) or a Mifare card reader (13.56MHz) can be connected to the device.					
	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					

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(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.

WIEGAND MODE —

Fingerprint Users Transmission Format

Pass-through Mode

at either reader or controller.

	I		
_	Wiring Diagram Special Power Supply	Master Fingerprint/ Card Usa Using Master Fingerprint/ Car	
a ader.	Wisgand reader Wisgand reader D1 ⊕ Green D2 ⊕ Green D3 ⊕ Green D4 ⊕ Green D5 ⊕ Green D6 ⊕ Green D7 ⊕ Green D7 ⊕ Green D8 ⊕ Green	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
ID 002	OPEN Note Note	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
	OTHERS ————————————————————————————————————		
	> Open the door: Read valid fingerprint user or card user > Remove Alarm: Enter Master Code # or Master Fingerprint/ Card or valid Fingerprint/ card user		
	> To reset to factory default & Add Master Card: Power off, press the Exit Button, hold it and power on, there will be two beeps, then release the exit button, the LED light turns into yellow, then read ary 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.		
so cted reader	Remarks: ① If no Master Card added, must press the Exit Button for at least 5 seconds before release.(this will make the previous registered Master Card invalid) ② Reset to factory default, the user's information is still retained.		

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