

Enter Program Mode	*(Master Code)#
2. Add Card OR	1 (User ID) # (0~9) # (Read Card) / (Input 8/10 Digits Card Number) #
2. Add PIN	1 (User ID) # (0~9) # (PIN) # (0~9 means times of usage, 0=10 tim
3. Exit	*
Change PIN Users(PIN length:	4~6 digits except 8888)
Programming Step	Keystroke Combination
Note: Below is done outside pro this themselves	gramming mode, users can undertak
Change PIN	* (User ID) # (Old PIN) # (New PIN) # (Repeat New PIN) #
Change PIN of Card + PIN access mode (There will auto allocate PIN (8888) to cards when adding)	*(Read Card) (Old PIN) # (New PIN) : (Repeat New PIN) #
Delete Users	
Programming Step	Keystroke Combination
1. Enter Program Mode	* (Master Code)#
2. Delete User - By Fingerprint/ Card/ PIN	2 (Input Fingerprint)/ (Read Card) (Input PIN) # The users can be deleted continuously
OR	
2. Delete User - By ID number	2 (User ID) #
OR	2 (input 8/10 Digits Card Number)#
2. Delete User - By Card number OR	, ,
2. Delete User - By Card number OR 2. Delete ALL Users	2 (Master Code) #

Add Visitor Users (Valid for Card/ PIN Users)

me invalid automatically.

(User ID number is 990~999; PIN length: 4~6 digits except 8888)
There are 10 groups Visitor PIN/card available, the users can be specified up to 10 times of usage, after a certain number of times, i.e. 5 times, the PIN/card

Programming Step	Keystroke Combination	It can be set to deny access for 10	minutes after engaging or disengage o ard/ PIN or Master code/ fingerprint/
1. Enter Program Mode	*(Master Code)#	alter entering a valid Finerprint/ ca	ard/PIN of Master code/ lingerprint/
2. Pulse Mode OR	3 (1~99) # (factory default) The relay time is 1-99 seconds.	Programming Step 1. Enter Program Mode	Keystroke Combination * (Master Code) #
2. Toggle Mode	(Default is 5 seconds) 3 0 # Sets the relay to ON/OFF Toggle mode	2. Strike-Out OFF OR	6 0 # (factory default)
3. Exit	*	2. Strike-Out ON OR	6 1 # Access will be denied for 10 m (Exit button is still workable)
exceed 5 seconds, or else, the	ne interval time of reading can not device will exit to standby automatically.	2. Strike-Out ON (Alarm) Set Alarm Time	6 2 # 5 (0 ~ 3) # (factory default is 1 minu Enter Master Code # or Master Fing Card or valid user fingerprint / card /
Programming Step	Keystroke Combination	3. Exit	silence
1. Enter Program Mode	*(Master Code)#	J. EXIL	*
2 Fingerprint Access OR	40#	Set Audible and Visual Respo	onse
Card Access	41#	Programming Step	Keystroke Combination
PIN Access	42#	Enter Program Mode	* (Master Code)#
OR Card + PIN Access Multi User Access	43# 43(2~9)# (Only after 2~9 valid users, the door be opened)	Disable Sound Enable Sound OR LED Always OFF	7 0 # 7 1 # (factory default) 7 2 #
OR 2 Fingerprint or Card or PIN Access	4 4 # (factory default)	LED Always ON OR 2. Keypad Backlit Always OFF	7 3 # (factory default) 7 4 #
3. Exit	*	Keypad Backlit Always ON Keypad Backlit Automatic OFF	75#
		3. Exit	*
	-09-	_	10 -

ation.	It can be set to deny access for 10	ter 10 failed entry attempts (Factory is OFF) minutes after engaging or disengage only urd/ PIN or Master code/ fingerprint/ card.
	Programming Step	Keystroke Combination
	1. Enter Program Mode	* (Master Code)#
mode	2. Strike-Out OFF OR 2. Strike-Out ON	60# (factory default) 61# Access will be denied for 10 minutes
	OR	(Exit button is still workable) 62#
ot matically.	2. Strike-Out ON (Alarm) Set Alarm Time	5 (0 ~ 3) # (factory default is 1 minute) Enter Master Code # or Master Fingerprint Card or valid user fingerprint / card / PIN to silence
	3. Exit	*
	Set Audible and Visual Respo	_
	Programming Step	Keystroke Combination
	Enter Program Mode	* (Master Code) #
door	2. Disable Sound Enable Sound OR	7 0 # 7 1 # (factory default) 7 2 #
	2. LED Always OFF LED Always ON OR	7 3 # (factory default)
	Keypad Backlit Always OFF Keypad Backlit Always ON Keypad Backlit Automatic OFF	7 4 # 7 5 # 7 6 # (factory default) Automatic OFF after 20 seconds, it will go ON by pressing any key (this key isn't taken into consideration)
	3. Exit	*
	-	10 -

Add Fingerprint/ Card/ PIN Users 2. Input (Fingerprint three times or (Card) or (PIN #) Repeat step 2 for additional users 3. Input (Master Fingerprint / Cagain 1. Input (Master Fingerprint/ Card) Twice within 5s) 2. Input (Fingerprint) or (Card) (PIN #) Repeat step 2 for additional users		Master Fingerprint/ Card Usag in the box, please add it by yourself if Using Master Fingerprint/ Card	,
Delete Fingerprint/ Card/ PIN Users Delete Fingerprint/ Card/ PIN Users 2. Input (Fingerprint) or (Card) (PIN #) Repeat step 2 for additional us 3. Input (Master Fingerprint/ Ca again CONTROLLER MODE The device can work as Controller, connected with the external Wiegand rear		Add Fingerprint/ Card/ PIN Users	Repeat step 2 for additional users 3. Input (Master Fingerprint / Card)
controller, it will (this key controller, connected with the external Wiegand rear		Delete Fingerprint/ Card/ PIN Users	Input (Fingerprint) or (Card) or (PIN #) Repeat step 2 for additional users Input (Master Fingerprint/ Card)
	(this key	The device can work as Controller, co	

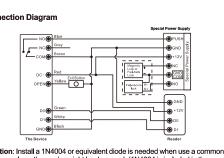
Users Operation & Reset to Factory Default

> Open the door: Read valid user fingerprint or user card or input valid user PIN #

> Remove Alarm: Enter Master Code # or Master Fingerprint/ Card or valid user fingerprint / card / PIN

> 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 any 125KHz EM card, the LED will turn into red, means reset to factory default successfully. Of the card reading, it is the Master Card.



Programming Step	Keystroke Combination
1. Enter Program Mode	* (Master Code)#
2. Wiegand Input Bit	8 (26~44) # (factory default is 26bits)
3. Disable Parity Bit Enable Parity Bit	8 0 # 8 1 # (factory default)
4. Exit	*

> Basic Programming is the same as Standalone Mode
> There are some exceptions for your attention:
The device Connected with External Card Reader evice or external reader.

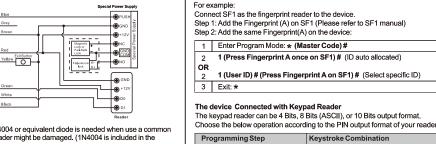
-If HID or Mifare card reader: users can only be added/deleted on external reader.

8 (4 or 8 or 10) # (factory

The device Connected with Fingerprint Reade

Remarks: 4 means 4 bits, 8 means 8 bits, 10 means 10 digits virtual number > Add PIN Users:
To add PIN users, after enter into programming mode on the device,
PIN(s) can be input/added on either the device or the external
Keypad Reader. > Delete PIN Users: the same way as add users. WIEGAND READER MODE -

The device can work as Standard Wiegand Reader, connected to the third party Connection Diagram



* (Master Code)# * (master code)*

8 (26~ 44) #
(factory default is 26bits)

8 (4 or 8 or 10) # (factory default is 4 bits) 8 0 # 8 1 # (factory default) Enable Parity Bit 4. Fxit

When the input voltage for Buzzer is low, it will sound.

When set into Wiegand Reader mode, nearly all settings in Controller Mode

Note: For connecting Wiegand controller with 32, 40 bits input, need disable

ADVANCED APPLICATION —

If you need to connect Yellow wire:

Set Wiegand Output Formats

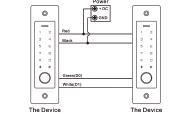
After this mode is turned on, all cards can open the lock. At the same time, the card is added to the device. Programming Step

2. Collection Card Mode ON 9 3 #

9 2 # (factory default)

n	
0	
1 2 2 4 5 4 7 9	Red → +12V Black → GND Green → D0
0	(Wynie) ⊕ D1 Yellow ⊕ BZ
e Devic	Access Controller - 13 -

User Information Transfer (Valid for Card / PIN Users)
The device supports the User Information Transfer function, and the enrolled user (cards, PINs) can be transferred from one (let's name it Master Unit) to another (let's name it Accept Unit).
Connection Diagram:
Power De DC DO



> The Master units and Accept units must be same series devices.

The Master Code of the Master Unit and the Accept Unit must be set to the same Program the transfer operation on Master Unit only. If the Accept Unit is already with the users enrolled, it will be covered after

For full 900 users enrolled, the transfer takes about 30 seconds.

Set Transferring on Master Unit:

Programming Step Keystroke Combination

1. Enter the programming mode * (Master Code) #

2. Set transferring 9 8 #

Within 30 seconds, Green LED shines, after one beep, the LED will turn into Red, which means the users' information has been transferred successfully.

3. Exit

*