

Access Controller Use Manual V3.2

1. Specifications:

1.1 Technical parameters:

Item	Value	Item	Value
Operating voltage	DC 12-24V	Storage	10000users
Operating current	< 100mA	Card type	ID+IC dual band
Operating temperature	-20°C—60°C	Relative humidity	20%—80%
Weight	About 200g	Reading distance	1—8CM

1.2 Factory Default:

Item	Value	Item	Value
Authentication Mode	Card or Password(PIN)	Common PIN	None
Unlocking Duration	5 S	Programming Password	123456

1.3 Light and Sound indicates:

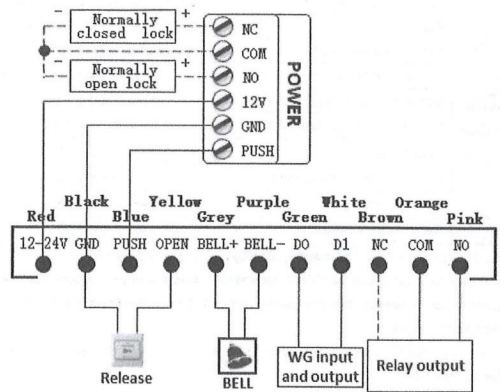
Light: red and green

Light Description	Indicates
Red light flash every 2 sec(Slow flash)	Standby state
Green light flash every 0.5sec(Fast flash)	Pending further operation
Red light is always ON	Programming state
Green light is always ON	Unlocking state
Red and green light flash alternately	Restoring Factory Programming Password

Sound: beep

Sound Description	Indicates
1 short beep	Valid input
3 short beeps	Invalid input
1 long beep	Programming state
3 long beeps	Restoring Factory Programming Password

2. Installations Guide:



Remark:

If let Relay drive electric-lock, please connect a backward diode with the lock's "+" and "-" poles.

3. Programming Guide

3.1. Programming Guide: (Programming Password Default: 123456)

Remark: All password can be 3-6 digits.

Programming Item	Press key and swipe card operations	Remark
Basic Function	Change Programming Password (Pro.PW)	# Pro.PW # 0 new Pro.PW # new Pro.PW #
	Add user card	# Pro.PW # 1 swipe cards #
	Configure Common PIN	# Pro.PW # 21 new Common PIN #
	Delete all users	# Pro.PW # 40 0000 #
	Delete user by swiping card	# Pro.PW # 41 swipe cards #
Expand Function	Add user by input User ID	# Pro.PW # 22 4-digit User ID swipe card #
	Add PIN	# Pro.PW # 23 4-digit User ID new PIN #
	Delete user by User ID	# Pro.PW # 42 4-digit User ID #
	Delete user by card No.	# Pro.PW # 43 card No. #
	Configure Unlocking Duration	# Pro.PW # 5 XX #
	Configure Authentication Mode	# Pro.PW # 6 XX #
	Reader setting	# Pro.PW # 6 04 #
	Automatic card adding function	# Pro.PW # 7 XX #
	Backlight setting	# Pro.PW # 8 XX #
	Reset Factory Default	# Pro.PW # 8 99 #

3.2 Initialize the programming password (123456) and add a management card

Step 1: Power off, short-circuit the OPEN line and GND line, and power on again. Step 2: Brush two blank cards continuously (the first card is "add card" and the second card is "delete card", if no management card is needed, this step can be omitted). Step 3: Power off, disconnect the OPEN and GND lines, power on again, and complete the initialization of the programming password

3.3. Use ID explanation

User ID is 4-digit number from 0001 to 9999. There is no User ID for the users added by command [1]. Perform command [40] to clear all User ID.

3.4. How to change PIN

Swipe card or press PIN to unlock within 5s press [#] for 3s until the green light flash fast, then press [new PIN # new PIN #], the new PIN changed successfully with a long beep.

3.5. Authentication Mode for Card & PIN function

Setp1, When Authentication Mode is [Card or PIN] (factory default), according to the step 3.4 to configure the PIN of the card.

Setp2, Press [# Programming Password # 603 #] to configure Authentication Mode to be [Card & PIN].

Setp3, Swipe user's card with green light fast flash then input [PIN #] with green light normally ON, the door opened successfully.

3.6 Door open function description:

When the credit card or password is normally opened, press the 7, 9 digit key to keep the door open. When the door is always open, only once the credit card, password, or the door button is opened again, the exit is always open.

Qualification Card

PASS