

- ② A PIN 1234 will be generated automatically when we add a card user; it is only for changing new PIN, not to open door. ③ After a card is added, you can continue to add other cards or PIN without
- exiting current setting mode and start over. ④ A type of lock refers to those lock that normally under standby status ,there
- is no current for lock, when there is current the door will open, such as electrified lock, electric strike.
- (5) B type of lock refers to those lock that normally under standby status, there is current for lock, when there is no current the door will open, such as electromagnetic lock, electric drop bolt.

## 4. User Operation

4.1 Swiping Card to open door: Swiping user card once, door will be opened. 4.2 Swiping Card+PIN to open door: Swiping user card once, and enter 4-6digits PIN,#, door will be opened.

4.3 Card or PIN to open door:

Swiping user card once or enter4-6digits PIN, # , door will be opened.

4.4 Change the user's PIN \*, [Swipe user card] [Enter 4-6 digits old PIN,#], [Enter 4-6 digits new PIN,#], Repeat Enter 4-6 digits new PIN,#] Or [\*], [Enter 1-500(ID No.),#,] [Enter 4-6 digits old PIN,#], [Enter 4-6 digits new PIN,#],

Repeat Enter 4-6 digits new PIN,#

Remarks: PIN users have to get the ID No. and initial PIN from master. Card

users have to swipe card when change the PIN first time. 4.5 Door bell:

Press door bell button on Q3, the connected external door bell will ring

Note: External door bell should be low current ( <10mA).

## 5. Alarm Function

5.1 Anti-vandal alarm If anti-vandal alarm function is on and when device is opened illegally, controller will sound alarm. 5.2 Door Magnetic detection alarm

If the door is connected with magnetic contact, and is opened illegally or by force, controller will sound alarm.

5.3 Remove the alarm

Swipe valid card or enter master's PIN can remove alarm. If there is no any operation the alarm will stop automatically after 1 minute.

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## 6. Reset To Factory Default

Power off, press "\*" and power on, the LED turns into ORANGE in 1s, and then release the button "\*" after you hear " Beep Beep", And then you hear "Bee-eep" the LED turns into Red means reset to Factory Default successfully. But it won't delete all user information.

Operation Status	Color of LED	Buzzer		
Stand by	Red			
Pressing keypad		Beep		
Swipe card	Green	Bee-eep		
Unlocking	Green	Bee-eep		
Successful	Green	Bee-eep		
Fail		Beep Beep Bee		
Entering PIN	RED flash slow			
Swiping card under way of swiping card+PIN	RED flash slow			
First menu of setting	RED flash slow			
Second menu of setting	Orange flash slow			
Setting	Orange			
Alarming	Red flash quick	Alarm sound		



D\_IN OPEN +12V GND D0 D1 (LED) (BZ) LOCK+ LOCK- BELL\_A BELL\_B Red Black Green White Brown Yellow Orange Purple Blue Grey

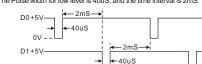


has following functions When LED level is low, LED light will turn into Green, after 30 seconds or LED level rising, LED light will return to normal.

When BZ level is low, the Buzzer will beep, after 30 seconds or BZ level rising, the Buzzer will return to normal. ·06·

is transmitted by the Low Level of D0 & D1 wire: D0: Low level means 0, green wire D1: Low level means 1, white wire The Pulse width for low level is 40uS; and the time interval is 2mS.

Both card number and pressing keypad output in Wiegand format, output data



0V -----Output format of card number is Wiegand 26. Output format of pressing keypad can be set 3 formats Format 0: virtual card No. , namely enter 4-6 digits PIN. #, output a 10bits card number in Wiegand 26 format. For example, enter a password 999999, the output card number is 0000999999, could be displayed as a 10bits decimal card number on a equipment which support to display it.

Format 1: 4 bit of pressing one key, which is pressing every single key, output a 4bit data, the corresponding relationship is: 1 (0001), 2 (0010), 3 (0011)

4 (0100), 5 (0101 ), 6 (0110) 7 (0111), 8 (1000), 9 (1001)

(1010), 0 (0000), # (1011)

Format 2:8 bit of pressing one key, which is pressing every single key, output a 8bit data, the corresponding relationship is 1 (11100001), 2 (11010010), 3 (11000011) 4 (10110100), 5 (10100101), 6 (10010110) 7 (10000111), 8 (01111000), 9 (01101001) \* (01011010), 0 (11110000), # (01001011)

Name	Model No	Qty.	Remark
Access controller	Q3	1	
10P connection wire		1	
User manual	Q3	1	
Rubber Bung		2	Used for fixing installation
Self-tapping Screw	Φ4mm×25mm	2	Used for fixing installation
Special Screwdriver		1	Special tool of security screw

## Standalone Access Controller/Reader

User Manual