

METAL WATERPROOF ACCESS CONTROLLER

USER MANUAL

Please follow the instruction strictly while using it.

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Part1. Product character

This Finger Touch Access Controller is specially designed for the control of the entrances of office designed for the control of the entrances of office, buildings, residential districts, factories. It support four ways to open the doors : Proximity Cards, the password, Proximity Cards plus password and stress plus alarm signal output. It will provide users with a simple, direct and secure access control system solutions.

Compared with other similar products, This product has the following advantages:

1. Metal button with back light,
2. Metal waterproof case, anti-smash
3. High security, abduction password alarm, tamper alarm, forced open door alarm, alarm signal out put. It will provide user a more secure solution.
4. Can directly add the user card with no need to input the user ID.
5. Can serve as a WG 26/34 reader.

Attention: Please read the user manual carefully before you install the machine. This manual will introduce the main function and function settings.

Part2.Function parameter

Working voltage: DC 12V

Unlock current: $\leq 1.5A$ Static

current: $\leq 60 MA$

Card quantity: 3000-50000 pieces

Maximum card-sensing distance: 5-10 cm

RF card type: EMID or Mifare card

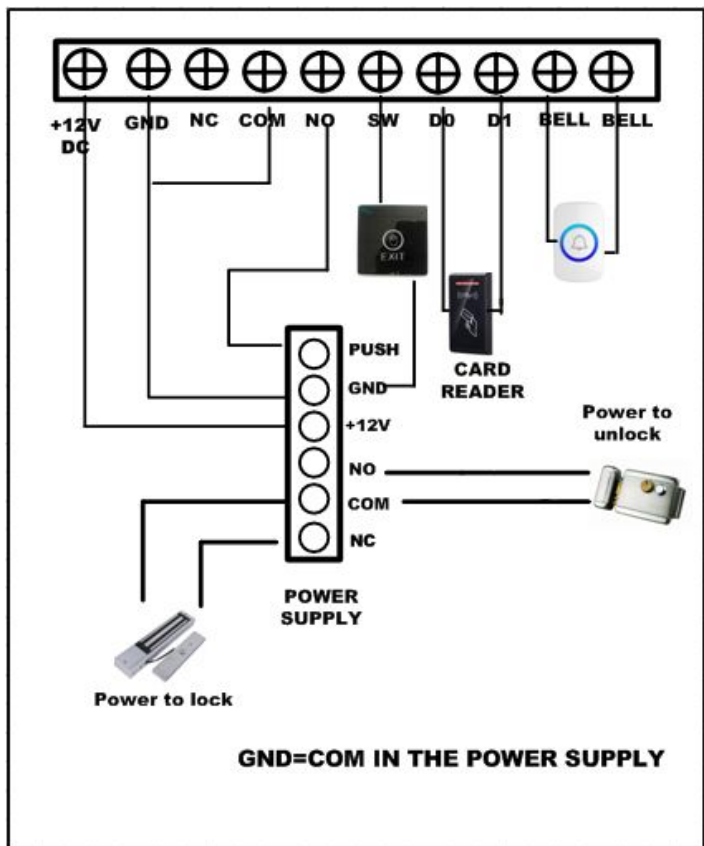
Part3.How to assemble

Unpack cross-screw that fixes face plate and bottom board, then taken off bottom board and install in on the side wall of the entrance.

Warning : please ensure to switch off power before connecting lines and switch on power after all lines being connected well! And please be sure that power voltage is 12v and that anode & cathode are in place!

Part4.Connection instruction :

Pins	Note	Explanation
1(red)	+12VDC	Anode (+12VDC)
2(black)	GND	Ground
3(gray)	NC	Relay closed the output
4(brown)	COM	COM
5(orange)	NO	Relay to often open the output
6(purple)	SW	The input of Open bottom , the other end to GND.
7(blue)	D0	The input of door sensor signal,the other end to GND
8(green)	D1	To the Positive of alarm, the other end to GND
9(white)	BELL	To doorbell
10(yellow)	BELL	To doorbell
Remarks : Electric lock's cathode connect the Electric lock powersupply's cathode,generally marked with a LOCK-word.		



Part5. Settings

1. Adding management card

Turn off the power and hold down the RESET button, if the red and the blue lights flashing, then can add the management card.

2. Adding user card by the increase management card

Reading a management card (in the non-programmed state) => reading blank card (one or more cards) => reading the Management Card twice.

3. Deleting user card by the delete management card

Read Management Card twice => Read user card (one or more cards) =>Reading a management card.

Part6.Setting and using management card

The original management password is 12345, the user's password is 8888.

1.Enter programming:

Long press #,the green light flashes=>input management password=>short press#,the red light on, it means the machine has entered programming.

2.Function setup(under programming)

(1) Modify management password:

Press 0 =>input the new management password => press # =>input the password again =>press # => press # to quit.

NOTE: The password must be 2-8 digital numbers

(2) Four ways to add using card.

- ①.Press 1=>add the blank card (or keep on adding cards) =>press # => press # to quit.
- ②.Press 1 =>input 8-digital number of the card =>press # =>press# to quit, or press 1 to keep on adding cards.
- ③.Read management card =>read the blank card (keep reading)Read the management card twice.
- ④.Set the machine to automatic add card mode set the open mode to 303 users can enter the door with memorizing the cards.

NOTE :8-digital number is the last 8-digital of the 10-digital number printed on the back of card, the new user's password is 8888.

(3) Four ways to delete using card.

- ①.Delete all cards:

Press 2 =>input 0000 =>press # =>press # to quit..

- ②.Delete the cards which have been read:

Press 2 =>swiping card (one or more cards) =>press # =>press # to quit.

- ③.Delete lost cards:

Press 2 => input 8-digital number of the card =>press # =>press # to quit, (or press 2 to keep on deleting card)

- ④Delete many cards

Read the management card twice =>read the cards need to be deleted(keep reading),read the management card

again=>finished.

NOTE :8-digital number is the last 8-digital of the top 10-digital number printed on the back of card.

(4) Setup for open-door mode

①.Open with reading a valid card : press 3 => input

00 => press #=>press # to quit.

②.Open with reading a valid card plus password :press 3
=>input01 =>press #=>press # to quit.

③. Open with reading a valid card or password : press
3=>input 02 =>press #=>press # to quit.

④Automatically .press 3=>input 03 =>press #=>press # to
quit.

**NOTE:Original setup is 302 for reading valid card or
input password to open the door.**

(5) Setup for door-open time

Press4=>input XX=>press#=>press # to quit.

**NOTE:XX is within 01-99, the time is measured by
seconds and the original setup is 3 seconds.**

(6) Modify public using password:

Press 5=>input new password with 4-digital numbers
=>press#=>input again =>press #=> press # to quit.

**NOTE:the password must be 2-8 digital
numbers.**

(11) Switch to card reader

This access controller can switch to Card Reader Mode by the Management Menu, Card Reader Mode output WG26 signal.the specific way is : Press 9=>1=>02=>#=>press # , then turn off the electric and turn on again.If you want to back to the normal mode, you should initialize the controller.(see Part8)

Part7.How to use

1.Open with a card : In normal state,the door will open with a valid card.

2.Open with a card plus a password: Input the right password within 10s after a valid card has been read,then press # .Every card has its own password ,the original password is 8888.

3.Open with user password : Input the user password and press # , the original user password is 8888.

Part8.Initialization of the door controller

1. Turn off the electricity, hold down the **Reset** button .
2. Turn on the electricity , hold down the **Reset** button until a buzzing.Initialization complete.

STATE:After the buzzing ,the machine enter the Using State.

NOTE: Initialization can only change the password to the default password:12345,user password:8888,other data will not be changed.

Attachment 1: Description of signal light

Events	Red light (Run)	Green light (State)
normal working state	glitter	
Valid cards / correct password , open		on
Open button, open		on
Wrong password	on	
invalid cards	on	
Press the valid button	on	
Alarm	glitter	
Programming state	on	on
Input correct programming command	on	glitter
Management card	glitter	glitter
Adding type card		glitter frequently
Deleting type card	glitter frequently	glitter frequently

Attachment 2: Description of the buzzer sounds

There are four kinds of buzzing:“toot” 、 “toot-toot” 、 “toot-toot-toot”、“toot...”, “toot”is mostly used in valid button or OPEN button, “toot-toot”is mostly used in successful operation, “ toot-toot-toot”is mostly used in failing or wrong operation, “toot...”is mostly used in alarm. Specific as follows .

Events	buzzer
normal working state	
Read valid card,open	Toot
Correct password, open	toot
Wrong password	toot-toot
invalid card	toot-toot
Input correct programming code	toot
Alarm	toot...
Programming state	toot-toot
Input correct programming command	toot
Input wrong programming command	toot-toot

Attachment 3: Frequently Asked Questions

Common Questions	Possible reasons	Solutions
No buzzing after reading cards	Sensitive time is too long	Read again
	The card has problem	Read with another card
Light doesn't light	Check the power supply	Change the power supply
Can't open with right password or valid cards	Voltage is too low	Change voltage or supply power
	The power supply can not afford the electricity's current	Change power supply
	Open-door mode is set wrong	Set right Open-door mode
	Wrong with lock	Change lock
Forget the open or the management password		Initialization of the door controller
Forget the personal password		Delete this card and authorize it again
Access controller is buzzing long	The back of the access controller was open	Close the back or shut down the burglar alarm
	The door was not close after open for 1min	Close the door or shut down the door monitoring
Authorize the cards have been give out		Records the card number in advance, and increase the card using the card number
Cards can't be authorized normally	Cards have been repeat authorization or card user ID is repeat	

Attachment 4: Attachment list

Product certification	1 piece
User manual	1 piece
Door controller	1 piece

Warranty Card

#This card is Warranty Card ,please fill in and save

Product type:	
Sold date:	
Sold place:(please build official seal)	
Sales phone:	

Warranty Ordinance

Dear Customers:

Thank you for purchasing our products! In order to protect your legitimate rights and interests as well as to improve our after-sales service, we formulate the warranty Ordinance, please read carefully and provide us valuable suggestions.

1. Our products enjoy free warranty service for 12 months from the sales date. That is if the product's sales date is over the warranty period of 12 months, our company will depend on the product failure to charge the cost.

2. Please properly pack the product that is to repair, our company won't be responsible for the loss or damage which is happened in the delivery process.

3. During the warranty period, if the product suffer problems led by the following reasons, our company has the right to refuse to repair your product or charge for the cost.

- (1).users caused by improper use of product;
- (2).electric shock or improper installation that led to the burn accident;
- (3).the non- maintenance service provider repair the product;
- 4..In order to protect your right,be sure that the Warranty card Has the official seal of Sold place.