

# Touch screen metal case access controller user manual

Read this manual carefully before installation

## 1. Product introduction:

Thank you for purchasing metal standalone access controller/card reader, This product adopts is a touching, induction card to open the door of the entrance guard al-in-one, there are many features as follow:

Support four option: ID style, IC style, Non-waterproof style, waterproof style optional.

All-metal case design(Zinc alloy). Organic glass panel (Acrylic touch screen).

8000 user capacity for storing and reading to provide a powerful security, the high-grade

Built-inmicroprocessor with strong anti-interference ability, high safety and areliability.

Data copy and backup to the same series if access control.

Circumscribed humanized tamper alarm function.

Can be used as card reader or standalone access controller.

Extend wiggins dummy: WG2/34 input and output.

Can set up management cards (Deleted card and added card...)

Active and passive lock signal output.

Imported double point relay output signal port.

Suooprt three opening way: password, credit card, card+password.

Extending function: external memory, tamper alarm, extended voice ect.

## 2. Function characteristics:

"0"	Modify programming code and set master card
"1"	Add card type user
"2"	Add password type user
"3"	Add password & card type user
"4"	Delete single user
"5"	Delete all user
"6"	Modify users password
"7"	Modify delayed open door
"8"	System initialization
"9"	Set general opening password, add and delete card
"**"	Press"*", enter "123456" or swipe systematic Master card directly Get to programming mode

### 3. Technical parameters

NO	Specification	Parameter
1	Reading distance	5-10cm
2	Working temperature	-20 °C -70 °C
3	Working humidity	0-95%
4	Static electricity	≤50mA
5	Working voltage	DC 12 V
6	Static current	50mA

### 4. Function setting method

#### 4.1 the factory default settings

The initial opening password **7890**, programming code **123456**.

#### 4.2 quick operation settings

(1), Swipe the main card, enter the programming system state

(2), Swipe added card, enter the add user state

(3), Swipe deleted card, enter the delete user state

#### 4.3 modify the programming code and set up the master card

A, press [\*] [Programming code] [#] [0] [The new password] [#]  
[The new password] [#]

Note: A beeping said succeed (password length for 1-8 code).

B, Press [\*] [Programming code] [#] [0] [Swipe card]

Note: A beeping said setting the main card successfully.

#### 4.4 Add card type users

press [\*] [Programming code] [#] [1] [Four user id] [#] [Read the card]

Note: The four user id is **random**, user id automatically add 1 when continue read card.

#### 4.5 add password type users

press [\*] [Programming code] [#] [2] [Four user id] [The user password] [#]

Note: Four user id ( For example: 1 enter 0001), the user password length for 0-4.

A beeping said add user password type user operation is successful. You can add password type continuously with continue to input the user code.

(when opening the door, please input programming code and user password end with [#])

#### 4.6 add card+password type users

press [\*] [Programming code] [#] [3] [Four user id] [Four user password] [#]

## Swipe card

Note: A beeping said add card+password user operation is successful, you can add

Card + password type user continuously with ti input the user id.

(opeing the door process: First swiqt card, Second a green light flashing,Third input user password ends with #)

### 4.7 delete a single users

press \* Programming code # 4 Enter the user id or credit card #

press \* Programming code # 4 credit card #

press \* Programming code # 4 Enter the 10 user card number #

Note: it can be operated continuously in the condition of programming.

### 4.8 delete all users

press \* Programming code # 5 Input programming password or main card #

Note:A beeping said delete all user operation is successful.

### 4.9 modify the user password

press \* Programming code # 6 Four user code Four new password #

Note: It can be operated continuously in the condition of programming.

### 4.10 modify the door delay time

press \* Programming code # 7 Enter delay time #

Note: The delay time is 0-255 seconds. The default is 3 seconds.

### 4.11 system initialization

press \* Programming code # 8 Enter programming code or swipe master card #

Note: A beeping said initial success, that clear all settings.

### 4.12 set management card ( increased card & deleted card )

press \* Programming code # 9 Swipe card

A, the first one is to set increased card, the second is to set deleted card.

B, this feature is convenient to increase & delete user's card.

C, press \* to active increased card adding users or deleted card removing users.

### 4.13 set up the general password to open the door

press \* Programming code # 7 Enter 4 password #

( The initial opening password is 7890, enter 0000 to cancel it. )

#### 4.14 exit programming

Press  to exit programming, automatically quit after 10s no operated instruction.

#### 4.15 tamper alarm closed and opened

A, Cancel the alarm enter  to cancel the alarm temporarily.

B, Close the Tamper alarm function  3 times

C, Open the Tamper alarm function  3 times

### 5. Jumper Setting of access controller

#### 5.1. J1 of active and passive output signal settings:

When  &  connected,    used as the switch quantity output signal,

When  &  connected, shorting circuit  &  as the active output signal.

#### 5.2. J2 Reset Setting:

Short circuit J2, then power on the controller can initialize the programming code.

(Note: RESET Setting won't wipe data )

### 6. Data copy

1.  connect ,  connect  to the same type access control.
2. Press copy code    to the main access controller which with date.
3. The green light flashing on both of the access controller.
4. A beeping sound on the main access controller, it means successful operation .

### 7. Transformation between Access controller and card reader

#### 7.1. Access control model( Initial setting is access control model) :

2.  connect to , 2<sup>nd</sup> power on the machine.
3. The green light flashing ( don't waiting until it alarm), disconnected  & .
4. A alarm sound means the machine convert to access controller.

#### 7.2. Card reader model (WG26 output):

1.  connect to , 2 power on the machine.
2. The green light flashing ( don't waiting until it alarm), disconnected  & .
3. A alarm sound means the machine convert to WG26 card reader.

#### 7.3. Card reader model ( WG34 output):

1.  connect to , 2 power on the machine.

2. The green light flashing ( don't waiting until it alarm), disconnected **D1** & **GND**.
3. A alarm sound means the machine convert to WG34 card reader.

## 8. Wiring diagram

### 8.1. Common power supply diagram

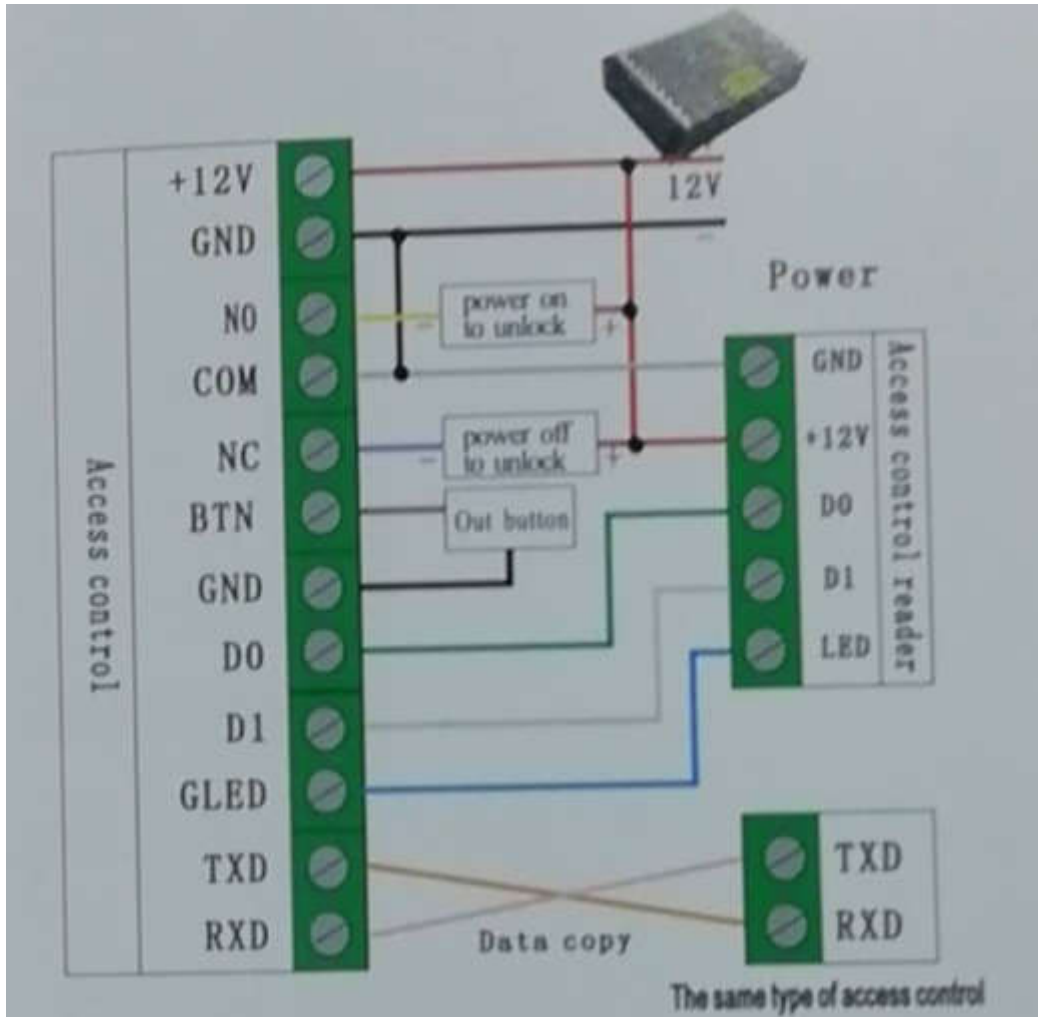


Figure 1

**Note:** Please change the operating mode when use access control machine as access control rader, TXD and RXD is Data copying interface, two hosts can be copied each other, when access wiring should set two TXD and RXD reverse operation.

### 8.2 Special Power connecting program

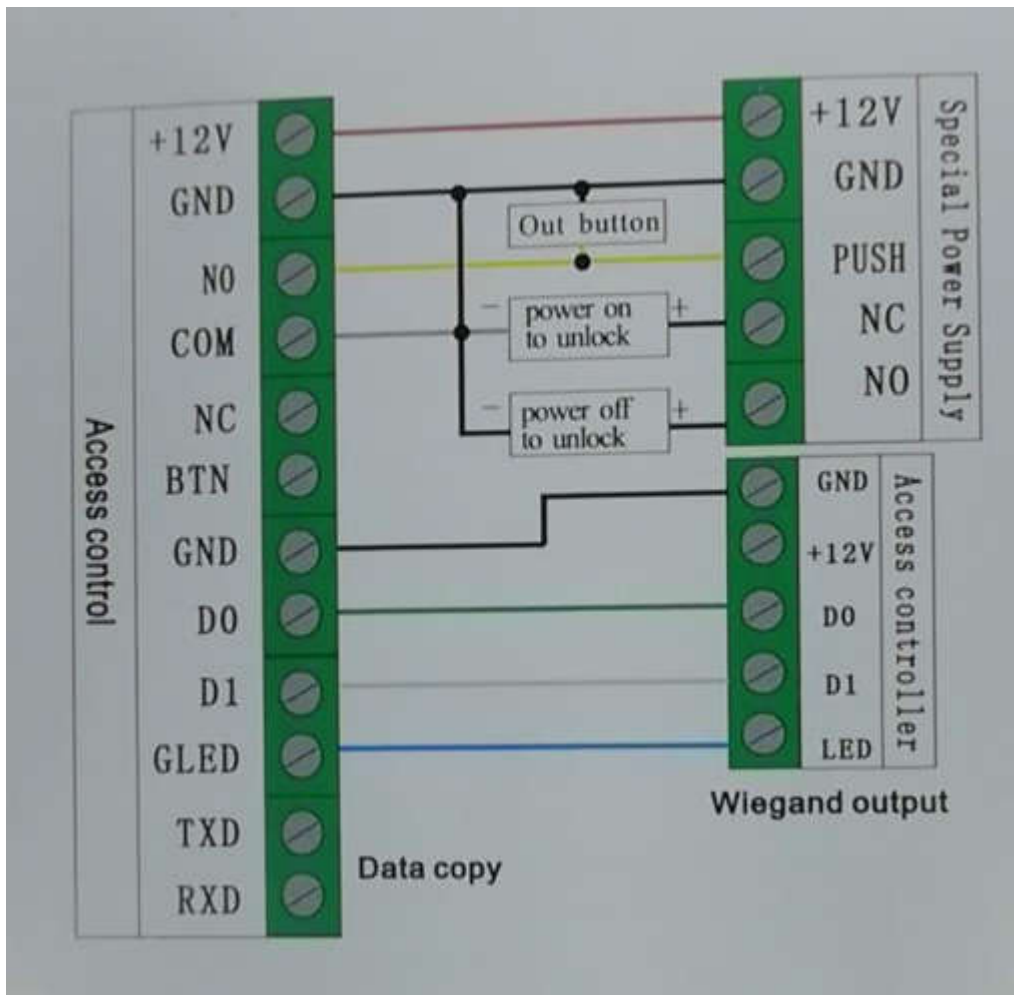


Figure 2

**Note:** Please change the operating mode when use access control machine as access control reader, TXD and RXD is Data copying interface, two hosts can be copied each other, when access wiring should set two TXD and RXD reverse operation.

## 9. Wiring diagram

Red	+12V	12V+DC regulated power input
Black	GND	12V-DC regulated power input
Yellow	NO	Relay normally open end ( connect positive electric lock)
Grey	COM	Relay publick end, connect GND
Purple	NC	Relay closed end ( connect positive electric lock)
Brown	BTN	Exit button one end ( the other end connected GND)
Black	GND	12V-DC Regulated power input
Green	D0	WG D0
White	D1	WG D1
Blue	LED	Reader mode
Orange	TXD	Data copying interface
Pink	RXD	Data copying interface

## **10. Warm prompt**

\*Please do not to repair the machine, if any problem, please return to factory

\*Before installation on the wall, if you want to punch, please check wiring, and line pipe

Carefully for unnecessary trouble, etc. when drilling or fixing clamp please use safety  
Glasses.

\*It is without prior notice if instruction is likely to be different for product upgrades.