

# Product User Manual

## 1. Features:

- ◆ 3000 users high-speed capacity storage and reading
- ◆ The working mode can be switched freely. It can be used as a password reading head or as an integrated machine.
- ◆ WG26 \ 34 output and input
- ◆ The management card can be set to easily operate the user authority
- ◆ Active and passive electric lock signal output
- ◆ Dual-node signal output of imported relay

## 2. Product Introduction

(1) Technical parameters

Working voltage: DC12V

Static current:  $\leq 30\text{mA}$

Card reading distance: 5-10cm

Storage capacity: **3000** user

Electric lock output: active or passive optional

Door opening time: 0-255 seconds

Ambient temperature:  $-20\text{ }^{\circ}\text{C}$   $-70\text{ }^{\circ}\text{C}$

Dimensions: 140x70x16mm

(2) Function setting table

Press "*" to enter 881122 # to enter programming mode	"0"	Modify programming password
	"1"	Add user card
	"2"	Add Password User
	"3"	Add card plus password user
	"4"	Delete a single user
	"5"	Delete all users
	"6"	Change user password
	"7"	Modify the door opening delay time
	"8"	system initialization
	"9"	Set Universal Password

## 3. Setting and using method

**Additional:** indicator light sleep (press \*44332211#)

indicator light is on (press \*11223344#)

1. Initial door opening password **7890**, programming password **881122**

## 2. Set the general password for door opening

Press \* Programming Password # 9 Enter 4 digit password #

Note: The default is 7890. If you enter 0000, you can cancel the general password.

## 3. Add card users (choose one of the two methods)

(1) Add directly (recommended use)

Press \* Programming Password # 1 Swipe card (If there are multiple cards, please connect Continue to swipe card, press \* key to exit after completion)

(2) Add the input number (When deleting the card with the number, for example, 0001)

Press \* Programming password # 1 4 digit user code # Swipe card

Note: The user code is any 4 digits, and the continuous card reading code is automatically incremented by 1.

## 4. Delete a single user (3 ways to delete)

Press \* Programming Password # 4 Swipe Card

Press \* Programming Password # 4 Enter User Code #

Press \* Programming Password # 4 Enter 10-digit card number #

Note: It can be operated continuously in the programming state.

## 5. Delete all users

Press \* Programming Password # 5 Enter the programming password #

Note: The buzzer sounds once, indicating that all users have been deleted successfully.

## 6. Modify the door opening delay time

Press \* Programming password # 7 Enter door opening time #

Note: The door opening delay is 0-255 seconds, the default is 3 seconds, and the longest is 255 seconds.

## 7. System initialization

Press \* Programming Password # 8 Enter Programming Password #

Note: The buzzer sounds once to indicate successful initialization and clear all setting items.

## 8. Modify the programming password

Press \* Programming Password # 0 New Password # New Password #

Note: The buzzer sounds and the operation is successful (password length is 1-8 digits).

### 9. Set management card (add card and delete card)

Press

Note: Swiping the first card adds a card, and swiping the second card deletes a card. The function

It is convenient to operate to add and delete user cards. After setting to add and delete cards,

You can enter the state of adding or deleting users by swiping to add or delete cards directly.

### 10. Quick operation settings

Directly swipe the card by setting the management card

(1) Swipe to add card to enter the state of adding user card

(2) Swipe to delete the card to enter the state of deleting the user card

### 11. Add card plus password type user

Press

The buzzer sounds once, indicating that the operation of adding card + password type user is successful,

Continue to input user code to add card plus password type users continuously (first swipe when using

The green light of the card flashes and enter the 4-digit password to open the door).

### 12. Add password users

Press

Note: 4-digit user number (for example, enter 0001 for 1), user password 4 digits)

The buzzer sounds once, indicating that the operation of adding the password type user is successful, and continue to input

Enter the user code to add password users continuously (Note: **Enter the 4-digit number and 4-digit password to open the door during verification.** Only one user password or one card can be added to one user number and cannot be used at the same time.)

### 13. Modify user password

Press

Note: It can be operated continuously in the programming state.

### 14. Exit programming mode

Press  to exit programming mode, no action for 10 seconds to automatically exit

## 4. Jumper settings for access control machine

### (1) J1 active and passive output settings

when 1 and 2 are connected, COM,NC and NO are digital output signals. When 2 and 3 are connected, COM and GND Short-circuited for active signal output. (Note: Please connect J1 when connecting the automatic door 1 and 2 are connected, and then connect COM and NO to the automatic door trigger port)

### (2) RESET reset setting

it can be initialized after power on after short circuit RESET Programming password. (Note: Initialization will not clear personnel data)

## 5. access control mode conversion

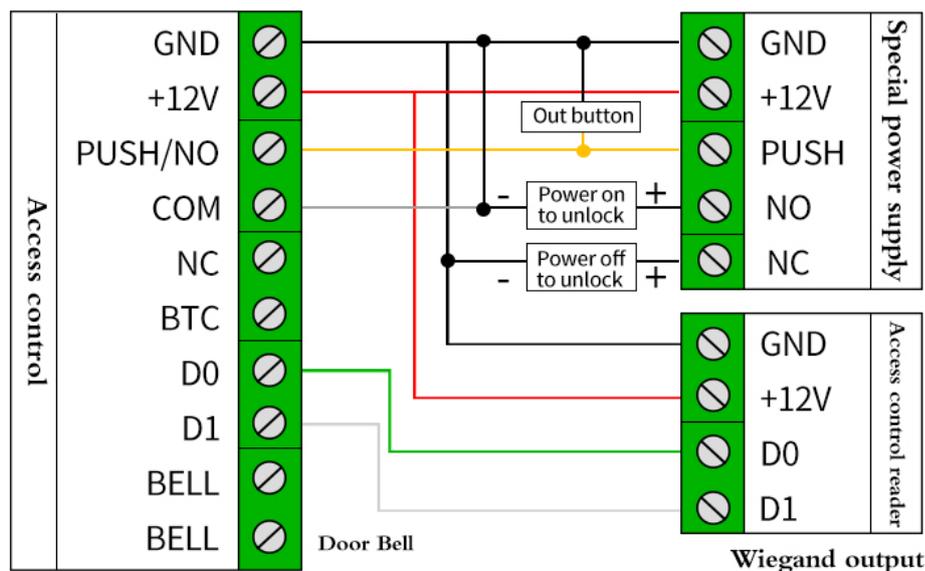
(1) Access control mode: Short-circuit RESET to restore access control mode

(2) Read head mode (Wiegand 26 output): Connect D0 and GND and wait for the green light to flash When blinking, disconnect D0 and GND. After disconnecting, click to complete the conversion.

(3) Reading head mode (Wiegand 34 output): When connecting D1 and GND after power-on, etc., the green light flashes, Disconnect D1 and GND. After disconnecting, click once to complete the conversion.

## 6. Wiring diagram

### 1. Wiring diagram of special power supply



### 2. Wiring diagram of ordinary power supply

