

5 mont

RFID Proximity Access Control keypad Instructions for User

New enhanced functions (provide the setting of special authorization cards for management and the automatic registration of user cards)

I. Product Overview

This RFID proximity access controller using proximity card is one of the modern access control systems. The state-of-the-art CPU and integrated circuit techniques are applied to keep all the data from loss due to power failure. It is powerful and can open the door using proximity cards, passwords, or the hybrid. The access controller can provide users with more convenience by connecting to terminals, including the button for opening the door, doorbell, and electric lock that is normally open or closed.

This product offers a method for controlling access safely and automatically, qualifying it as an ideal equipment for businesses, offices, factories, and communities.

II. Technical Specifications

Number	Items	Specifications
1	Power Supply	DC : voltage 12V±10% Current < 0.1A
3	Dimension	116mm×116mm×20mm
4	Weight	130g
5	Ambient temperature	0℃—60℃
6	Relative humidity	20%—80%
7	Memory capacity	500 user cards or 50 door opening passwords
8	Working distance	5—15CM
9	Card Type	EM or EM compatible cards

III. Working Status

Events	Red light	Green light
Normal status	Flash	Off
Use valid card	Flash	On
Enter the mode for	Stop	Off
Type the valid password	Flash	On
Mis-operation	Flash and buzz continuously	

IV. Button Settings and Usage

1. The initial password for management is set to 990101

2. Change the management password: press

Repeat the six-digit new password

3. Enter the mode for programming

Press to enter the mode for programming

Press to exit the programming mode. (Note: follow this step after setting of any functions.)

4. Setting of the authorization card

(1) The authorization card cannot be used for unlocking. It is only designed to add or delete user cards. Two kinds of authorization cards can be set up: one for adding user cards, and the other for deleting user cards.

Set up the authorization card for adding user cards:

Press Swipe the empty card

Set up the authorization card for deleting user cards:

Press Swipe the empty card

Add or delete users using the authorization card: when the controller is in the standby state, swipe the authorization card, the user card and the authorization card, sequentially.

(2) Add a batch of user cards

Press Swipe the empty cards sequentially

Note: The system will exit the mode for programming if 10 seconds last without any operation when swiping the cards.

(3) Number the user cards

The user card can be deleted through its serial number if it is lost.

Press Swipe the card

Note: The 3-digit number must be in the range -0-500 and cannot be repeated.

(4) Set the password for opening the door

Press Enter the password

(5) Set the user card + the password

Press * Management password # 11 # Swipe the card Enter the password with 4-8 digits #

5. Deleting of user cards

(1) Delete user cards by swiping the card
Press * Management password # 17 # Swipe the card #
(2) Delete user cards via the serial number
Press * Management password # 19 # 3-digit number #

(3) Delete one single password for opening the door

Press * Management password # 22 # Door open password #

(4) Delete all passwords for opening the door

Press * Management password # 23 #

Note: all passwords for opening the door will be deleted.

6. Restore factory settings

(1) Press * Management password # 86 #. All factory settings will be restored and all data will be deleted after the instruction is input (the management password 990101 is restored).

(2) Restore the original management password without deleting user data:

Press RESET + # at the back to restore the management password to the original 990101

(3) Restore the factory setting when the management password is forgotten

Press RESET for five times + # once to delete all data and restore the management password to the original 990101.

(4) Change the delay in opening the door

Press * Management password # 25 # Enter the 3-digit delay in opening the door #
It is 3 seconds by default and 255 seconds at a maximum.

7. Activation of the Product's Special Functions

(1) Enable the door to be opened by any card
Press * Management password # 83 #
Note: The door can be opened by all card after this function is activated, whether or not the card is registered. Please disable the function after it is activated.

(2) Enable any card to be registered automatically

Press * Management password # 84 #

Note: Any card can open the door and is registered automatically after this function is activated. The card can operate as a valid user card after this function is disabled.

(3) Disable the function of automatic registration

Press * Management password # 85 #

V. Wiring Diagram

1. +12V : Anode of the power supply
2. GND : Cathode of the power supply
3. NO: Normally open point of the relay
4. COM : Common point of the relay
5. NC : Normally closed point of the relay
6. OPEN: Switch button for going out
7. BELL : Switch that can connect with the door bell

Wiring diagram of the access control system

