Wireless
Access Control

User Manual

INTRODUCTION

The device is a single door wireless access control, controls of 1 wireless door. It supports 2 wireless exit buttons and 2 wireless doorbells. It adopts fully Code of encryption algorithm and the self-strong guard-against highest security.

It supports 2 wireless doorbells and 2 wireless exit buttons. It can be used with the wireless door contact and can be used with remote. It is stand-alone and can control one door. It can also work as a slave unit when connected to a host controller.

Because all with the passive components, the support unit and button can work for long time. It is widely used in villa, office building, factory, shopping mall, residential area, and so on. It is the ideal choice for modern managing the door security.

Features

- 1000 users (all additions by RFID)
- Add Max. 2 exit buttons (RF) / doorbells (open / NO visitor open)
- Wiegand output
- Wiegand Support: 26-37bits
- Communication Distance: 200 feet (open)
- Communication Frequency: 433.92MHz
- Pulse Width, Toggle mode
- Relay Output Time: 0-99 seconds (default 5 seconds)

Specifications

User Capacity	**500 PIN / card users** 500 RF card users + 500 PIN / RF card users Combine with card
Keypad Setup	Backlit Keypad
Operating Voltage	12V DC ±10%
Standby Current	50mA (Max 80mA)
Relay Output	3A/30V
Wireless Button	23A/12V

Control	
Set Number	Wireless Keypad: 4 Digits Wireless Button: 8Digits Wireless Button: 4 Digit
Working Current	Wireless Keypad: 40mA Wireless Button: 23mA Wireless Doorbell: 23mA
Communication Frequency	433MHz
Communication Distance	50m Maximum
Relay Contact Load	Static No Inductance
Keypad	Backlit (for Wireless Keypad)
Operating Temperature	-20°C ~60°C
Operating Humidity	10%~90%RH
Dimensions	86*86*20mm Wireless Keypad: 2.24 x 0.669 x 0.22inch Wireless Button: 1.65 x 0.669 x 0.22inch Wireless Button: 1.65 x 0.748 x 0.51inch
Unit Weight	200g (Including Battery) Mini Controller: 78g Wireless Button: 19g 40g
Shipping Weight	

Carton Inventory

INSTALLATION Wireless

Method 1: Fix to the wall with screws.
Mount the Wireless Keypad, Wireless Doorbell, etc easily onto the Wireless Keypad and Wireless Button on Metal door, Glass Door, Wooden Door, or Wall.
Method 2: Install by screws.

Wiring Mini Controller

No.	Function	Notes
1	NO1	Negative Pole of Power Input
2	COM1	Positive Pole of DC12V Power Input
3	NC1	Connect to Door Bell
4	COM	Common Connects for Relay Output
5	NO2	Connect to Positive Pole of Door Bell
6	NC2	Positive Pole of DC12V Power Input
7	Wiegand	Connect to Wiegand Cable
8	Wiegand	Connect to Yellow Wire of Exit Button
9	Wiegand	Connect to Green Wire
10	Wiegand	Connect to Yellow Wire
11	Wiegand	Connect to Green Wire

Sound and Light Indication

Operation Status	Red LED	Green LED	Buzzer
Standby	Flash slowly (1s/1s)		
Inside the lock		Always on	
Programming Mode	Always on		Beep
Pressing Keypad		Flash once	Beep once
Invalid Key			Beep once
Entering the Program Mode	Always on	Flash slowly (1s/1s)	Beep
Low battery reminding	Flash 10 times/1 second every time	Always on	Beep 10 times/1 second every time

Common Power Supply

Power Supply
Mini Controller
Wiegand Cable
Wiegand Cable
Wiegand Cable
Wiegand Cable