

784-52 Standalone Access Control Manual



Please read the manual carefully before use this unit

1.Description

784-52 is a standalone access control, support card, pin, card+pin access way. It supports up to 2000 users , each user can possess one card and one pin.

It can directly drive Lock, Ring Bell, and also can connect with Exit Button.

There are 3 working mode with this device.1.Wiegand Reader, 2.Standalone for single door, 3.Anti-passback for single door.

Besides, it also supports 1 Master code,2 Manager cards, providing users with easy operations and safety reliability.

2.Features

- 1.Pure Zinc alloy case; waterproof conform to IP 68
- 2.13.56MHz card reader
- 3.Perfect digital backlit key, the back light can be set to Normal ON, Normal OFF or Human-Approach ON
- 5.Add and delete card user quickly With Manager cards
- 6.Can register and delete user via keypad
- 7.Master can open the door when entering the setting status
8. Multi working modes: reader, standalone, anti-passback and so on, suitable for many occasions

3.Specification

Input Voltage DC 12V

Idle Current<25mA

Lock output load<1A

Alarm output load<1A

Ring bell load<1A

Card reading distance 40mm Max

Card Frequency:13.56MHz for Mifare

Card transmission format 26-37 bit wiegand

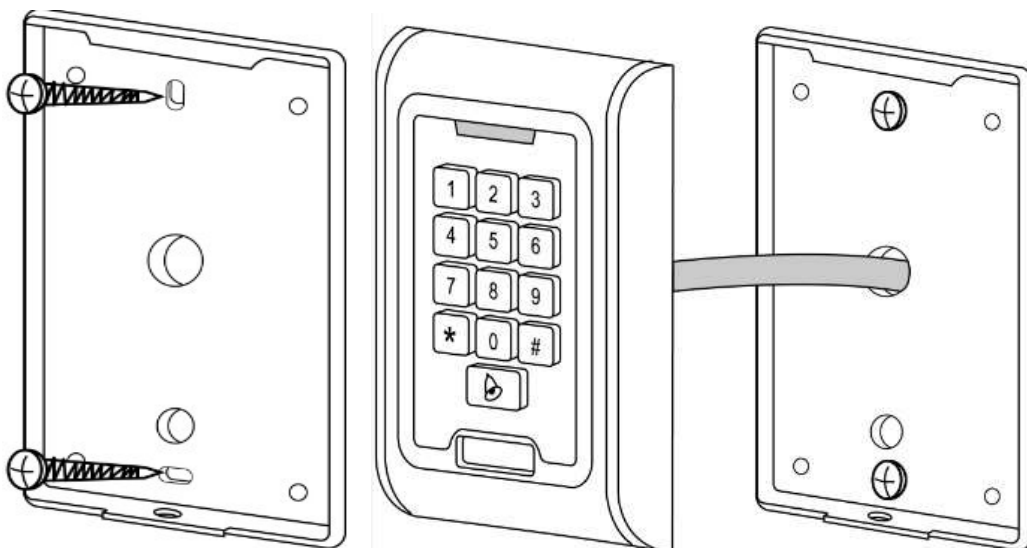
Keypad transmission format:4bit,8bit and Virtual card number

Operating Temperature:-45°C~55° C

Operating Humidity:0%~95%

4.Installation

- Remove the back cover from the keypad using the supplied special screw driver
- Drill 2 holes on the wall for the Self tapping screws and 1 hole for the cable
- Put the supplied rubber bungs to into the two holes
- Fix the back cover firmly on the wall with 2 Self tapping screws
- Thread the cable through the cable hole
Attach the keypad to the back cover.



5.Wiring

Colour	Function	Description
Pink	BELL_A	Doorbell button one end
Pale blue	BELL_B	Doorbell button to the other end
Green	D0	WG output D0
White	D1	WG output D1
Grey	ALARM	Alarm negative(alarm positive connected 12 V+)
Yellow	OPEN	Exit button one end(the other end connected GND)
Brown	D_IN	Magnetic switch one end(the other end connected GND)
Red	12V+	12V + DC Regulated Power Input
Black	GND	12V - DC Regulated Power Input
Blue	NO	Relay normally-on end(Connect positive electric lock "-")
Purple	COM	Relay Public end, connect GND
Orange	NC	Relay Closed end(connect negative electric lock "-")