

## **RFID single door access control with keypad PY-AC116**

### **Introduction:**

1. Easy to install, low and designed for indoor or outdoor use, can be off line use and external another reader for IN/IO application.
2. Built-in RF ID reader /write function.
3. Open door mode: by card or Currency password; by card with Currency password
4. Alarm mode: overtime but the door still not closed; to compel the door closed.
5. Peripheral equipment connector: electronic lock (contain the relay output and PWL level?)
6. Plus and minus mode: continuum induction adding, continuum card number adding, single card delete.

### **Working environment:**

Voltage: DC +8 V-+15 V (standard 12V)

Current: when Do not drive electric lock  $\leq 70\text{mA}$

Temperature: 0 °C -70 °C

Humidity: 30% -90%

### **5 kinds of open-door mode:**

card to open the door

Password to open the door

card + password to open the door

card + card to open the door

password + password to open the door

### **Features:**

500 people registered capacity, high cost performance, digging every hardware resources.

Quick issuers mode, whether it is registered general card or the card with a password can be registered, passwords input setup by cardholders their own input in the first time door state detection, only after close stable then start locking signal, preventing the door in the swing when the latch, resulting in on the impact of electric locking bolt. with door magnetism interface, with the alarm when open the door violence.

### **Wiring port definition and performance:**

+12 V: power supply anode, the effective range: DC +8 V-+12 V

GND: power supply cathode, public land

ALM: alarm output and alarm output low level

ST: STATUS door magnetism terminal

BT: BUTTON go button terminal, low-level unlock

DO: Weigand 26 reader data lines (data 0)

D1: Weigand 26 reader data lines (data 1)

NC: normally closed relay points, current load capacity DC1A/120V

NO: normally open relay point, current load capacity DC1A/120V

### **Indicator:**

Red light: Power instructions the red Power is red light means normal. Green light: the green light, said unlock, put out that state lock. Yellow light: yellow light flashing, said waiting for keyboard input, always yellow light open said that the programming mode.