Standalone Access Controller

ZDAC-2501A User's Manual

1：Access to use the machine:
Directly in the sensor area corresponding switch use card or enter a password + "ENT" key

2：Access control machine programming methods;
2.1. "ENT" key: function keys, enter the programming mode
(1) Press "ENT" button, MODE (orange) lights.
(2) Input five digit system password, and then "ENT" key, gives a short buzzer out, MODE (orange) lights always open, access control machine programmed into the system state.
Note: The password is 4~8 bit random figure, if forget password, please reset the system, then it will come back to the initial password:"12345"(See, 4)
Click commands are only in a state of the implementation of programming, after the completion of each order must be exit programmed state, (No. 9 orders), and then re-enter the command to run other!

2.2. "0" button to open the door to amend delay time (in the programming mode effective)
(1) "0" button.
(2) According to "5" (for 5 seconds delay, delay here range of 1-255 seconds)
(3) By "ENT" key, buzzer gives short-sound, delay modify success.

2.3. "1" key, modify system password (in the programming mode effective)
(1) Press "1" key
(2) Input five bit number passwords.
(3) By "ENT" key, buzzer gives short-sound, password modification success.
Note: The password length bit arbitrary figures for the 4-8!

2.4. "2" key, adding card users (in the programming mode effective)
(1) Press "2" key
(2) Input card number or card.
(3) By "ENT" button (if by card do not need to press "ENT"), a short buzzer-sound, the success of the registration card.
Note: 1. Support 10 bit Number, 8 bit number or card down right side that 5 bit!
     2. Card record is a comma of right side of the card that 5 numbers, by virtue of this string of numbers, you can write off this user card!
(Recommends when users card issuers, the profile number save)

2.5. "2" key, adding a password-based users (in the programming mode effective)
  (1) Press "2" key
  (2) Enter the number of passwords, password length 6 bit.
  (3) By "ENT" key, buzzer gives short sound, password registered success.

Note: when registration multi- number of the password, simply in order to repeat steps (2), (3), can register a maximum of 500 passwords.

2.6. "3" key to delete a single user (in the programming mode effective)
(1) "3" key
(2) Enter the registration number or password.
(3) By "ENT" key, buzzer gives short sound, the success of user write off.
Note: The number in support of 10, 8, 5-digit, write-off of more than a card or password, simply repeat steps (2),(3).

2.7. "4" key, adding card + password-type users (card + card users, password + password users with the same type of set) (in programming mode effective)
(1) By "4" key
(2) Input card number or card
(3) By "ENT" button (input card then do not need to press "ENT") buzzer gives short sound, a successful user registration.
Note: 1. Card + Password refers to open the door.
     2. User passwords setup(enter) when user use card to open door in the first time .
     3. Other Notes, please refer ' accession card users'

2.8. "5" button, the system initialization (in the programming mode effective)
(1) By "50" key
(2) By "ENT" key, buzzer gives a bell, all user data to delete the success, the factory password recovery password is '12345 '.

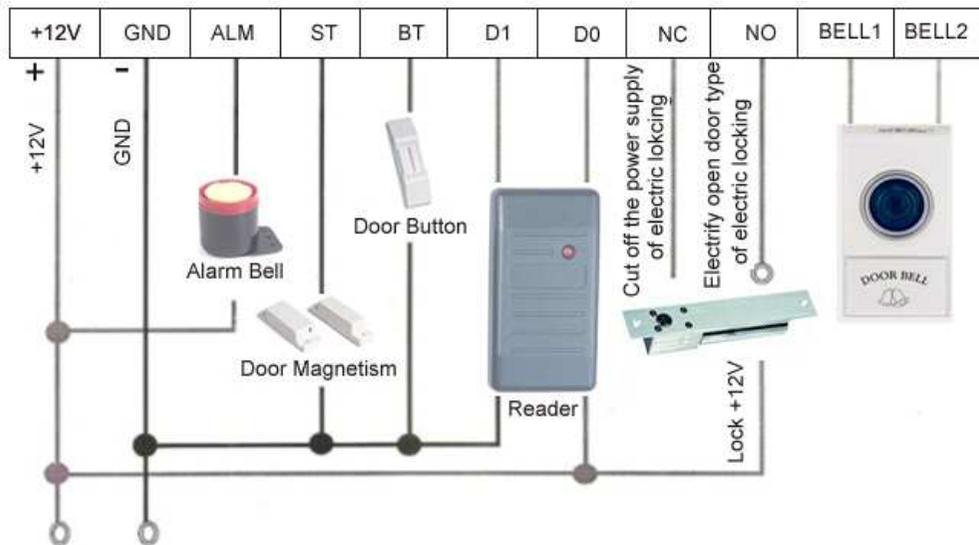2.9. The introduction of System Programming mode (two kinds of methods, choose one)
(1) according to different state, on many occasions by "ENT" key, know MODE (orange) lights went out, access control system programming exit and the machine introduced into the normal working condition.

3: The installation of wiring diagram

No.	1.Red	2.Black	3.Yellow	4.Gray	5.Blue	6.Green	7.White
Function	Power port		alarm	Door magnetism	Go-off button	External Card reader	
Tab	+12V	GND	ALM	ST	BT	D1	D0

8.Brown	9.Purple	10.Pink	11.Pink
ElectricLock control		Doorbell switch	
NC	NO	Bell1	Bell2

>. ZDAC-2501A Wiring Diagram

+12V	GND	ALM	ST	BT	D1	D0	NC	NO	BELL1	BELL2

Alarm Bell

Door Magnetism

Door Button

Reader

Cut off the power supply of electric lokcing

Electrify open door type of electric locking

Lock +12V

DOOR BELL

FEATURES：

This model ZDAC-2501A looks generous, stable performance, use for the office, office buildings and so on. 500 cards has adequate capacity to meet users need, a variety of ways to open the door allows you to set permissions arbitrary.

Working environment:	
Voltage: DC +8 V-+15 V (standard 12V)	5 kinds of open-door mode card to open the door Password to open the door
Current: when Do not drive electric lock ≤ 70mA	* ① card + password to open the door
Temperature: 0 ℃ -70 ℃	* ① card + card to open the door
Humidity: 30% -90%	* ① password + password to open the door

Wiring port definition and performance:	Features:
+12 V: power supply anode, the effective range: DC +8 V-+12 V GND: power supply cathode, public land ALM: * ① alarm output and alarm output low level ST: * ①STATUS door magnetism terminal BT: BUTTON go button terminal, low-level unlock DO: * ① Weigand 26 reader data lines (data 0) D1: * ① 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	* ② 500 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 λ ① 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. λ * ① with door magnetism interface, with the alarm when open the door violence.
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.	Note: * ① A machine does not have this feature * ② Different models registered capacity from 100 to 5,000 range.

4>. Reset the system: Back to factory default setting:
Turn off the power supply, then press "Exit Button(BT)" and hold it, then turn on the power supply, after about 3 seconds, the buzzer will give a long sound, you can release Exit-Button then, the system initialization is finished and comes back to factory default setting. Initial password:"12345"