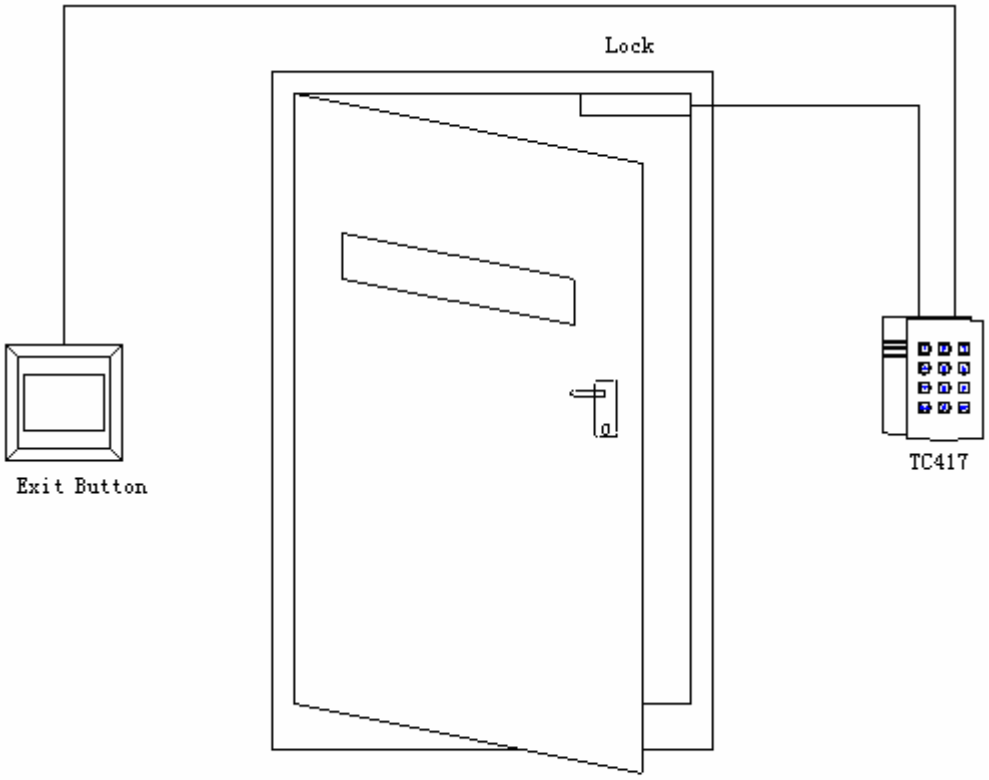
TC417 Standalone Unit
Operation Manual

Chapter 1: Summarize

1.1 Summarize

TC417 standalone unit is developed by Keyking International Limited. Built-in a EM reader, easy for wiring. All the operation can be finished by using keypad and cards. It is with beautiful surface and easy for installation.

TC417 System drawing as below:



1.2 System Characteristics

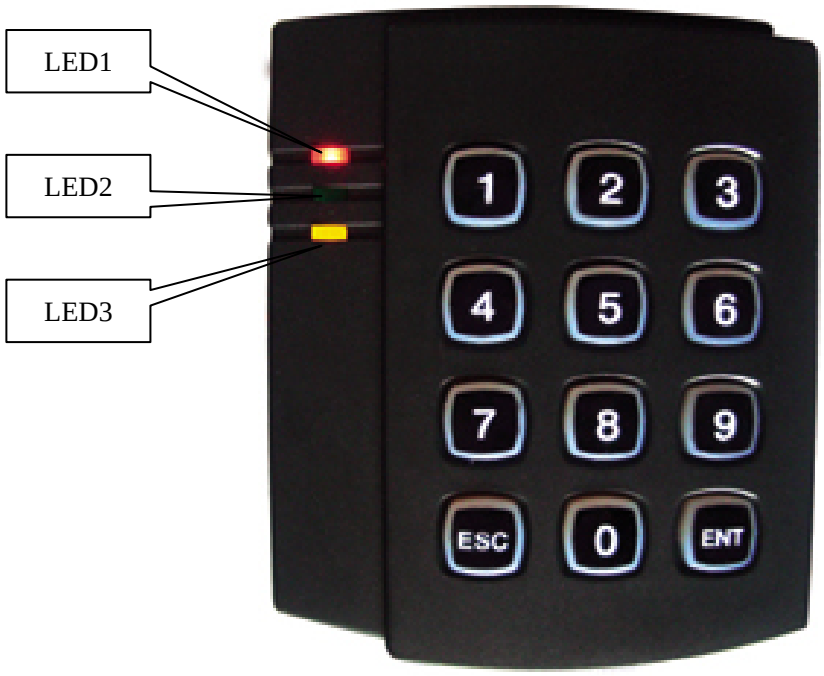
1. Support 1000 pieces of ID cards (Wiegand26/34 format)
2. 10 groups of 6 digits password. Relative to the numbers from 0 to 9.
   0 is the super password; 1 – 9 are common password.
3. Support 1 exit button, 1 door sensor, 1 Wiegand26/34 signal input port and 1 relay output port.

4. 3 different modes of operation. (As the details, you may refer to the common operating mode.)
5. Waterproof.
6. Power supply：DC12V.
7. Dimension：108mm×87mm×18mm

Chapter 2: TC417 System Instruction:

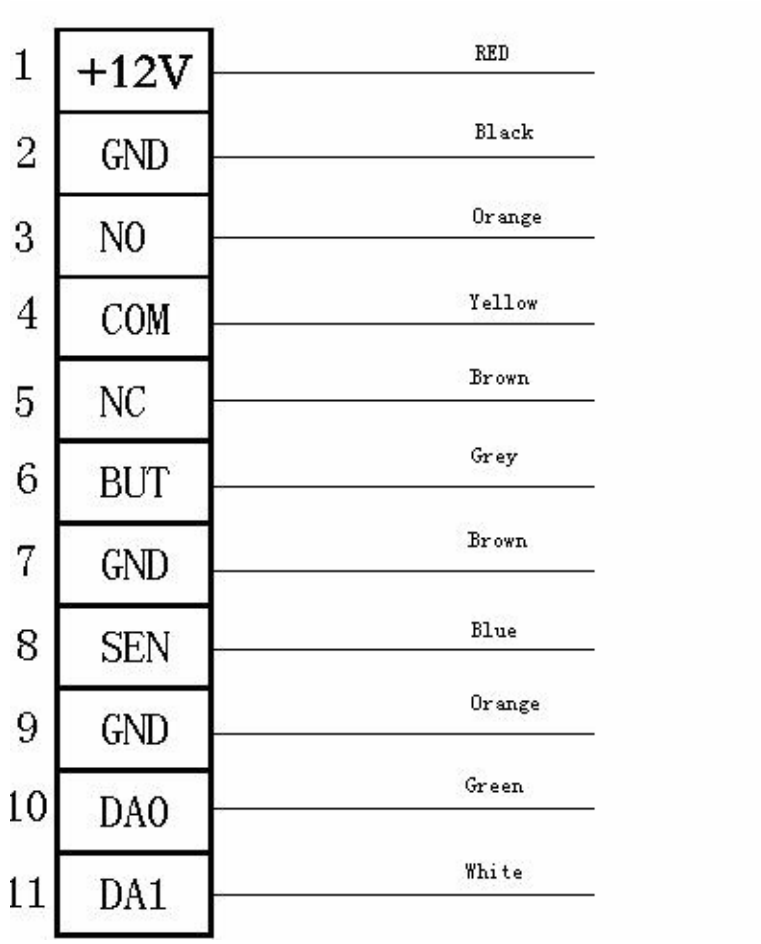
2.1 TC417 surface:

Refer to the picture as below：



LED1: Red LED for power suppler state.
LED2: Green LED for cards reading state.
LED3: Yellow LED for status instruction.

2.2 TC417 Wiring:



Definition of wiring:

No	Mark	Definition:	No	Mark	Definition
1	+12V	Power suppler port	6	BUT	Exit button wiring port
2	GND		7	GND	
3	NO	Relay port	8	SEN	Door sensor wiring port
4	COM		9	GND	
5	NC		10	DA0	Assistant function wiring port
			11	DA1	

2.2 Mode setting:

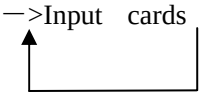
2.2.1 Reset:

*36#—>Beep—>super password—>Exit mode

*※Note：Super password will be change to original password: 123456.

2.2.2 Add cards:

*30＃—> Beep—> Super password—> Beep—>Input cards # / flash cards—> Beep—>＃—>Beep



Many cards

2.2.3 Delete cards:

*31＃—> Beep—> Super password—> Beep—> Input cards # / flash cards—> Beep—>＃—>Beep

Many cards

2.2.4 Delete all cards:

*32＃—> Beep—> Super password—> Beep

2.2.5 Change Password:

*33＃—> Beep—> Super password—> Beep—>The # of password you want to change （0-…9）—> Beep—>Input new password—> Beep—>Input new password again—> Beep

2.2.6 Set the unlock delay:

*34＃—> Beep—> Super password—> Beep—>Input time（ 1 ……65535s）—> Beep

2.2.7 Set the open door mode:

*35＃ —> Beep—> Super password—> Beep—>Input mode #（1、2、3）—> Beep

2.3 3 kinds of operation modes:

2.3.1 Mode 1：Card or password:

1） Flash card—> Open；
2） Input password—>Open.

2.3.2 Mode 2：Card + Password or Password + Card

(The alternation time will be 10s at the most）

1） Flash card + Input password—>Open door；
2） Input password + Flash card—> Open door.

2.3.3 Mode 3： Card + Card or Password + Password:

(The alternation time will be 10s at the most）

1）Flash card + Flash card—>Open door；
2）Input password + Input password—> Open door.

Chapter 3: Note

1. The original password is:“123456”,

2. If you forget the password, you may use the method as below to change the password to be the original password:

Use the common operating mode, short circuit wiring the DA0, DA1, Exit button port, Door sensor port at the same time. Then press *（ESC）for 6 times, then you will hear “Beep Beep Beep” for 3 times. Then press ＃ button, you will hear “Beep……” for a long shouting. It means recover successfully. If you press a button of 0……9 (No matter which one), you will hear “Beep Beep” for two times, then exit.

3. If you do not want to use door sensor, short circuit wiring it with the GND port.