

Wall reader wiring Instruction

1. illustration :



----- Red	12V
----- Black	GND
----- White	COM
----- Orange	NC

2. wall reader cable connection instruction :

Red	DC12V of reader is to connect 12V of power supply
Black	GND of reader is to connect GND of power supply
White	COM contact of reader is to connect PUSH of power supply
Orange	NC relay of reader is to connect GND of power supply

Description

- It is used on ordinary public door, automated sliding door, turnstile, car park barrier, lift;
- It accepts the valid key card issued from JK Tech hotel lock management software;
- Bluetooth wall reader is an alternative option and this can accept mobile key via smart phone;

Note

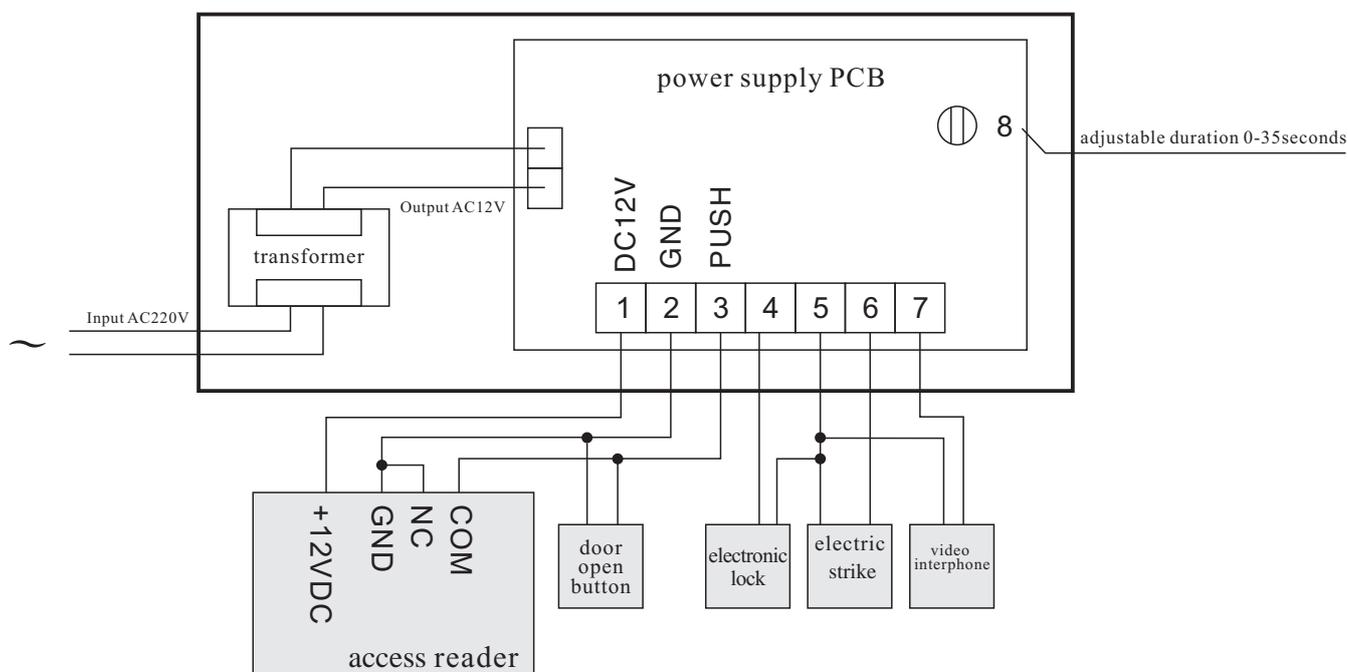
pay attention to the connection of each cable in case of damaging the device. This product can accept AC voltage >8V, DC voltage <13V. The voltage cannot be too high, or else it will shorten its lifespan or even damage it.

Wiring Guide of Door Access Reader

3. main specification of power supply

AC input: AC220V 50Hz; DC output:DC12V 2A;

Logic wiring diagram:



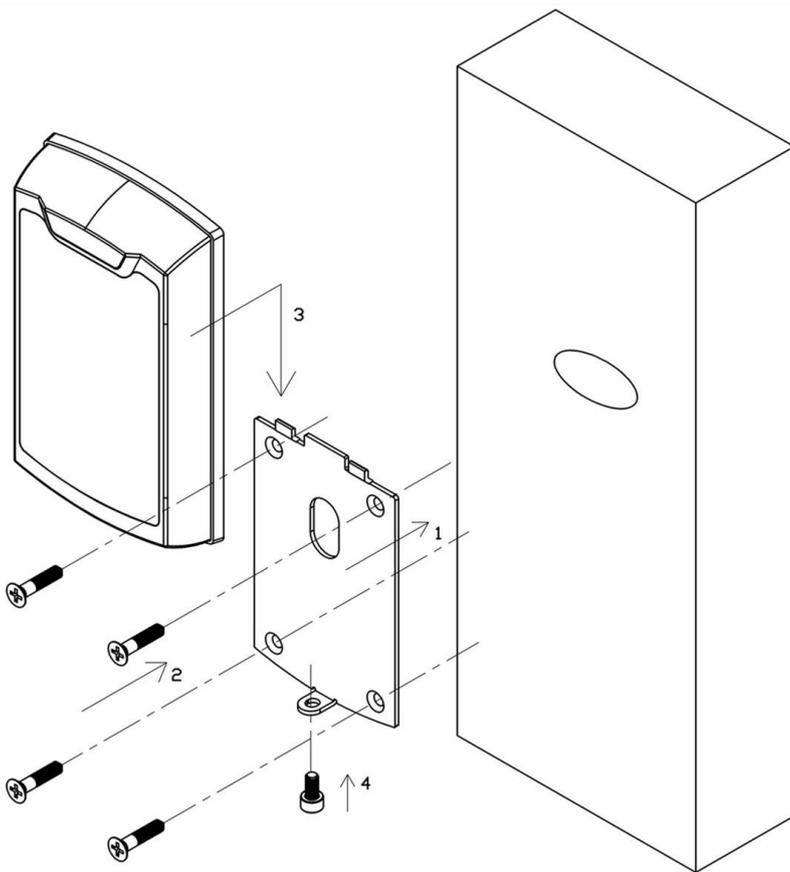
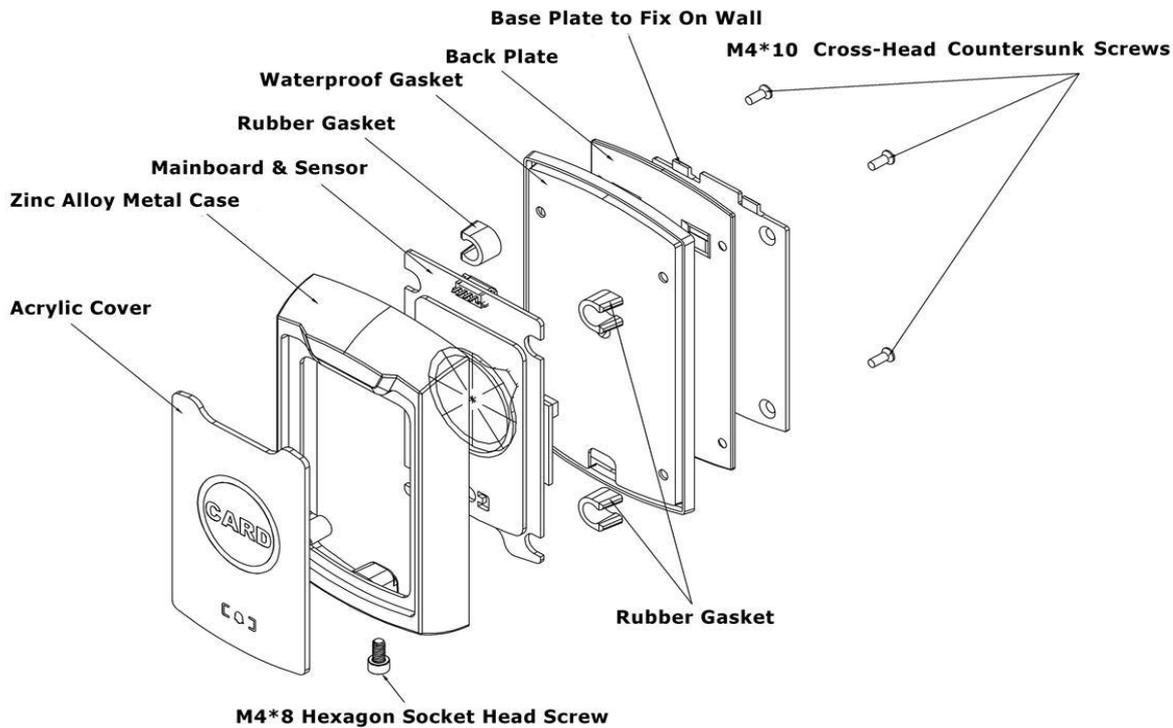
4. Instruction of power supply output port:

- (1) DC12V output;
- (2) GND (ground);
- (3) PUSH: Input of door open button, door access reader;
- (4) NO: Normal Open; Normal Status: No output; There will be DC12V output in 0-35seconds(adjustable) if it is triggered by door open button; NO: Positive, GND: Negative;
- (5) GND:Negative Pole, the common ground of NO and NC;
- (6) NC: Normal Close; Normal Status: DC12V 2A output; There will be no output in 0-35seconds(adjustable) if it is triggered by door open button; NC: Positive, GND: Negative;
- (7) +PUSH:Input of building interior door open button;
- (8) adjustable duration 0-35seconds.

5. Troubleshooting:

- (1) Indicator fails: fuse blows, transformer blows, or no electric supply;
- (2) Timer fails: adjustable resistor 105 damaged, change a normal resistor 105; IC555 damaged, changed a normal IC555.
- (3) Unlocking fails: adjustable resistor 105 damaged, change a normal resistor 105; 12V relay damaged, change a normal 12V relay.
- (4) Unstable work: It may be caused by no good contact between fuse and fuse socket, or caused by incompliance between power supply and equipments. Please check the contact between fuse and fuse socket, or adjust the configuration between power supply and equipments.

Installation Demo



- 1.cut related holes on the wall or door for the base plate;
- 2.fix the base plate on the wall via M4*10 cross-head countersunk screws;
- 3.hang the access reader on the base plate and let the wire go through the hole;
- 4.fix the access reader on the base plate via M4*8 hexagon socket head screw;