

# Operation Instructions

## ADC-EB-512 Wireless Infrared Induction Switch

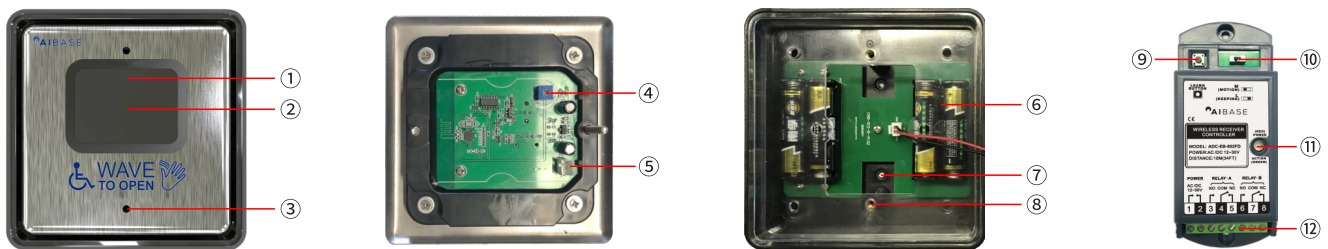


### 1 Safety Instructions



Thanks for your purchasing, in order to use this product better, please read this manual carefully before use it. When installing, avoid direct sunlight to induction window, otherwise it will affect the sensing distance.

### 2 Product Overview



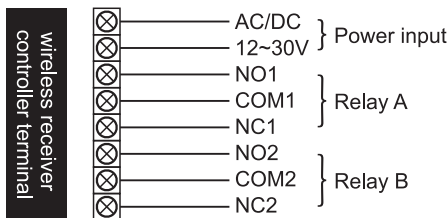
- ① LED indicator(standby: RED light flashes once each 1.5s, action: BLUE light)
- ② Induction window
- ③ Deteachable screw holes
- ④ Sensing distance adjustable knob

- ⑥ Connection socket
- ⑦ Screw box
- ⑧ Bottom case fixing holes
- ⑨ Front cover fixing screw post

- ⑨ Learning button
- ⑩ Mode selector
- ⑪ LED indicator(standby: RED light, action: GREEN light)
- ⑫ Input/Output terminals

- This product wireless function adopt self-learning code, the transmitter must be matched with the receiver before use it, and it can learn up to 20 transmitters.
- Learning method: Press the learning button of the receiver for 1 second, RED light will turn to GREEN light, enter the learning state, then sensing the transmitting panel, RED & GREEN indicator lights flash twice alternately, learning successfully.
- Deleting method: Press and hold the learning button of the receiver for 5 seconds, RED & GREEN indicator lights flash alternately quickly, all codes will be deleted.

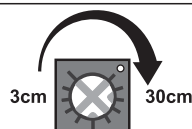
### 3 Wiring Diagram



NOTE: This transmitter is used with the ADC-EB-602FD receiver, which can only connect to the B relay connection port. The relay output of the receiver, according to the dip switch of the transmitter.

### 4 Output Selector and Sensing Distance Adjustment

L <input type="checkbox"/>	M <input checked="" type="checkbox"/>	If in the M state, it is inching output, each time the transmitter senses, relay B will output 1.5s door open signal.
L <input checked="" type="checkbox"/>	M <input type="checkbox"/>	If in the L state, it is holding output, each time the transmitter senses, the output signal state of relay B will reverse once.



Adjust clockwise, the distance become far, adjust counterclockwise, the distance becomes closer, and the maximum sensing distance is 30cm.

### 5 Technical Parameters

Wireless receiver	Static current: ≤80μA
Power supply: AC/DC 12 ~ 30V	Battery life: 500 times a day for 450 days
Standby current: 22 mA (DC 12V power supply)	Transmitting current: 10mA
Action current: 68 mA (DC 12V power supply)	Infrared modulation frequency: 38KHz
Output signal: Relay two independent output	Infrared scanning interval: 100ms
Contact capacity: 3A 30V DC	Response time: ≤130 ms
Appearance size: 123(L)x50(W)x32(H)mm	Working environment: -42°C~45°C, 10~90%RH
Wireless transmitter	Launch distance: Open areas over 30 meters, partitions or metal shielded environments 10 meters
Power supply: 6V(4PCS 1.5V-AA batteries)	Appearance size: 129(L)x129(W)x46(H)mm