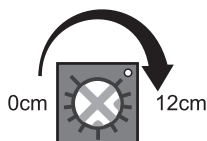


# Operation Instructions

## ADC-EB-522 Capacitive Sensing Switch Kits



### 5 Sensing Distance Setting



Adjust the knob clockwise, the distance becomes far; adjust the knob counterclockwise, the distance becomes close.

### 6 DIP Switch Setting

Buzzer setting	1	ON: When it be triggered, there will be a beep voice.
	1	OFF: When it be triggered, no beep voice.
Locked time setting	2	The maximum service time is 45 minutes, after locked for 45 minutes, if still don't detect the door open signal of the inner panel, automatic door will be unlock automatically.
	2	Unlimited service time, when automatic door locked, it will be maintain the locked state until trigger unlock button of the inner panel.
Relay output time setting	3  4	When sensing and door opens, relay output door opening time can be: 5 minutes, 7 minutes, 15 minutes or manual closing.

### 1 Safety Instructions



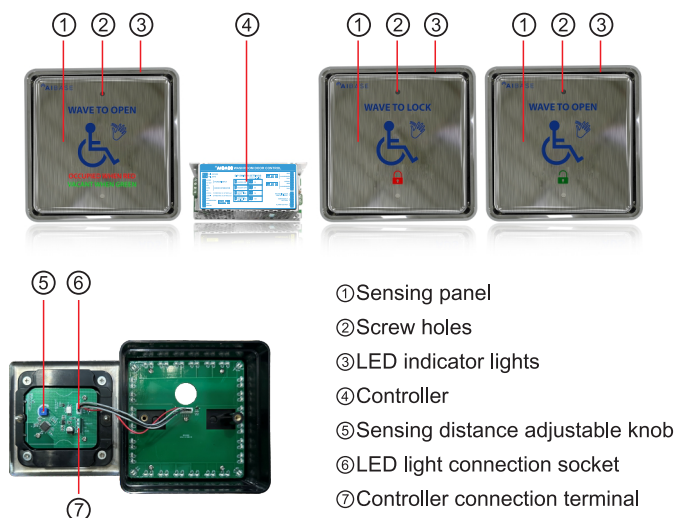
The equipment must use low voltage with safety insulation protection, all adjustment and maintenance work must be carried out by professional engineering installers.

### 2 Application and Characteristics

- This product is mainly used for occasions with limited personnel.
- Adopt large metal touchless panel design.
- Inter and outer panels with text, icon, light indicators. The panel marks clearly.
- This product is provided with two modes: Limited time use auto unlock and unlimited time use.

Such as: Airport, subway station, shopping mall or other places of automatic door.

### 3 Product Overview



- ① Sensing panel
- ② Screw holes
- ③ LED indicator lights
- ④ Controller
- ⑤ Sensing distance adjustable knob
- ⑥ LED light connection socket
- ⑦ Controller connection terminal

### 4 Use Process

- When first powered on, the Green indicator light flashes, sensing panel in the state of environmental background learning. The Green light will be off after 5-8 seconds of learning.
- In standby mode, the electric lock will not be locked, LED indicator of the panel will be off. When sensing the outer panel, the Green LED indicator will on, and the automatic door be opened.
- When entering the room, sensing the "LOCKED" button of the inner panel, Green indicator will light up, and the automatic door will closed at the same time. When the door is closed completely and the magnetic door contact signal of the door is received, the door will turn to locked mode. The Red indicator light of the outer and inner panels is on, and electric lock will be locked.
- When sensing the inner panel, the Green indicator light will on, and the electric lock will be unlocked at the same time, the automatic door will be opened, and the system will be unlocked. Automatic door will be closed automatically according to the DIP switch time setting.

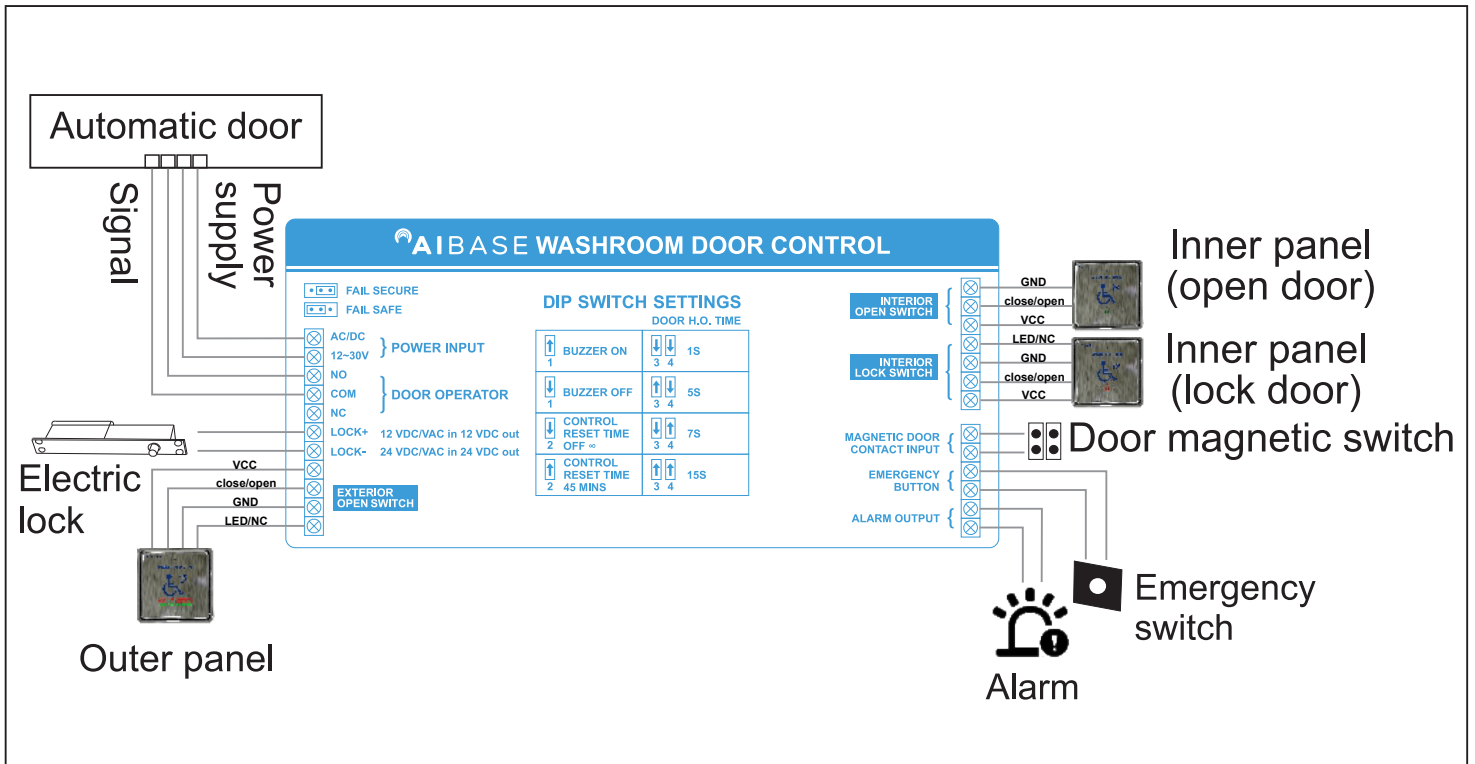
### 7 Technical parameters

Power supply	AC/DC 12 ~ 30V
Static current	79mA (DC12V power supply)
Action current	220mA (DC12V, not including electric lock)
Sensing mothed	Capacitive sensing technology
Sensing distance	0-12cm (Adjustable)
Panel size	129mm(L)×129mm(W)×46mm(H)
Controller size	142mm(L)×58mm(W)×40mm(H)

# Operation Instructions

## ADC-EB-522 Capacitive Sensing Switch Kits

### 8 Wiring Diagram



- NOTE:** 1, Controller power input is 12V power, also electric lock should be 12V; Or 24V for both.  
 2, The door magnetic switch must be connected, the system locked and electric door locked need to detect the door magnetic switch.