

Operation Instructions

Make your choice...

ADC-EB-522-V2 Touchless Capacitive Washroom Switch kits



1 Safety Instruction

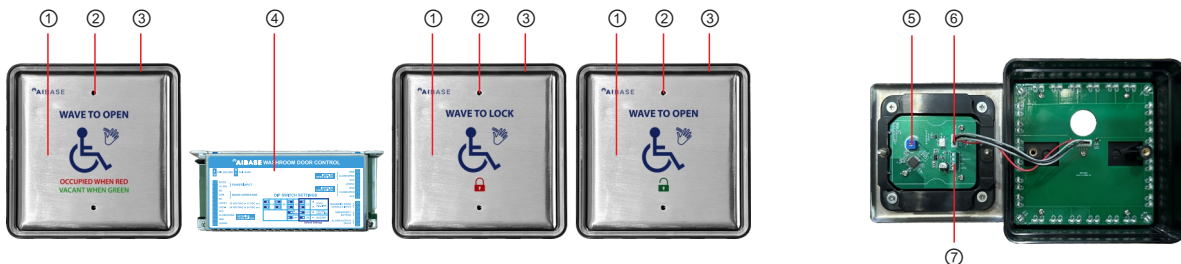
⚠ Thanks for your purchasing, please refer to the following before using.

2 Product Overview

- 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

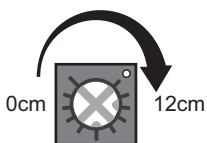


①Sensing panel ②Screw holes ③LED indicator lights ④Controller
⑤Sensing distance adjustable knob ⑥LED light connection socket ⑦Controller connection terminal

4 Use Process







- When powering on for the first time, the buzzer will sound briefly, the outer panel initializes learning and the green light is always on.; the two inner panels initialize and green light flash; the sensing panel is in the environmental background learning state, after 5~8 seconds of learning, the two inner panels have green light off, the outer panel keeps green light on.
- The electric lock is not locked and the outer panel indicator is always green under standby state; when the WAVE TO OPEN panel is sensed from outside, the outer panel remains green, the buzzer sounds long, and the automatic door opens. If the preset time is reached, the door will close automatically.
- When entering the room, the door is closed in place, and the controller detects the Magnetic Door signal and sense WAVE TO LOCK panel, the red light lights up, the buzzer sounds long, and the outer panel light switches from green to red, the automatic door enters anti-locking state and the electric lock is locked; when the outer panel is sensed again, the buzzer will sound "didi", indicating that there is someone in the bathroom; if the door cannot be closed in place or the door magnetic signal cannot be detected, the buzzer will also sound "didi" to remind the user that the door is not closed properly when you sense the WAVE TO LOCK panel right now.
- When the inner WAVE TO OPEN panel is sensed inside, the green light lights up, the buzzer sounds long, the outer panel light switches from red to green, the red light on the WAVE TO LOCK panel goes out, at the same time the electric lock opens, the automatic door opens, and the system Unlock the lock state. The automatic door will automatically close the door back according to the automatic door closing time set by the DIP switch.

5 Sensing Distance Setting



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

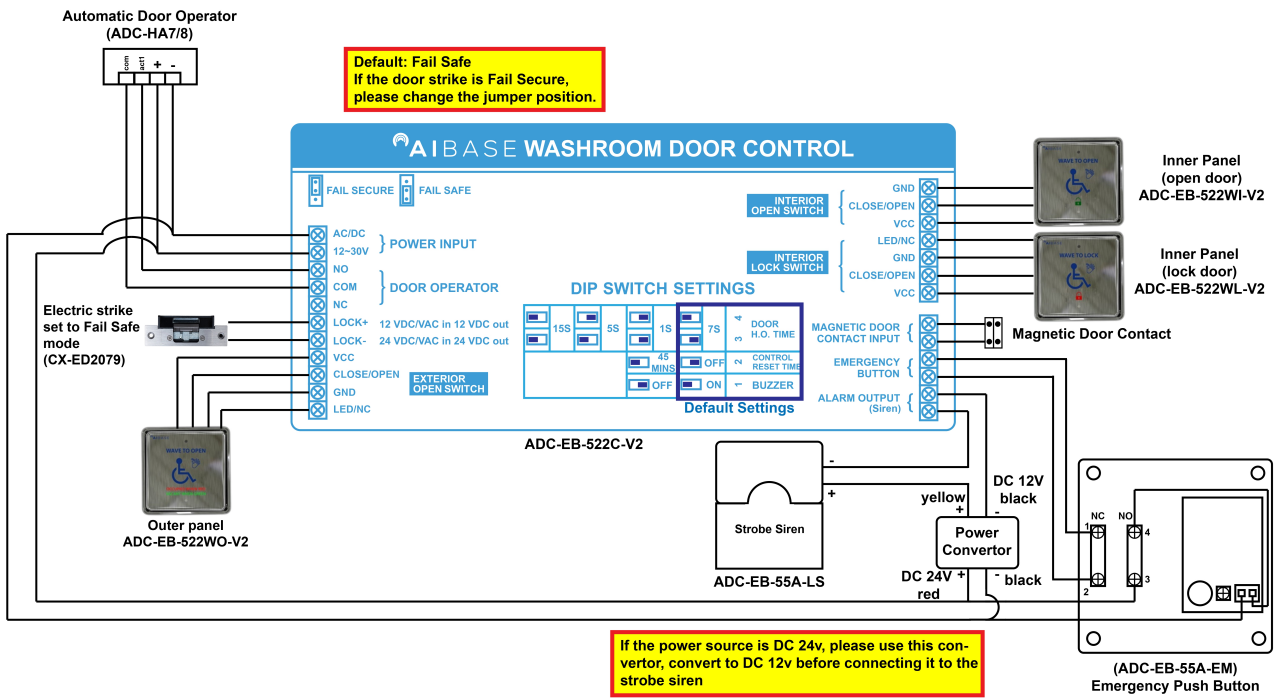
6 DIP Switch Setting

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 45mins, it will reset this system after 45mins locking, the door will be unlocked automatically even though not sensing it.
	2 	Unlimited service time, when automatic door locked, it will maintain the locked state until trigger unlock button of the inner panel.
Relay output time setting	4 	When sensing and door opens, relay output door opening time can be: 1 seconds, 5 seconds, 7 seconds, 15 seconds.
	3 	

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	Capacitve sensing technology
Sensing distance	0-12cm (Adjustable)
Panel size	129mm(L)×129mm(W)×47mm(H)
Controller size	143mm(L)×60mm(W)×40mm(H)

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.