

Operation Instruction

M-503 Automatic Door Pet Electronic Smart Tag



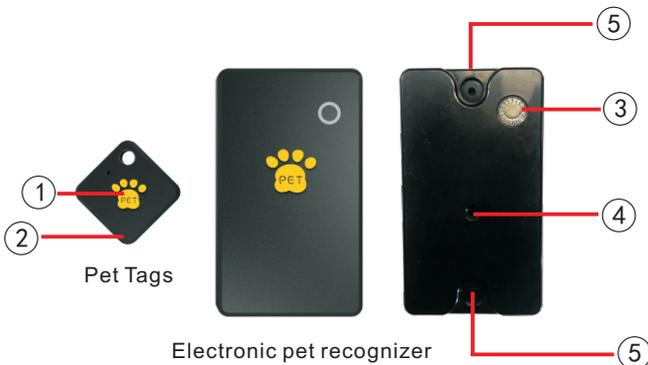
1 Safety Instruction

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

2 Product Over-view

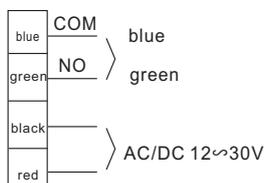
- The tag adopts waterproof design and has a compact appearance.
- Three-gear sensing distance adjustable, more flexible.
- Adopt dual frequency wireless signal control (125KHZ and 2.4GHZ)
- The tag is low-power consumption design, which makes battery life more durable.
- The identifier adopts a wide voltage AC and DC power supply design, which is flexible in power supply.

3 Overall Characteristic

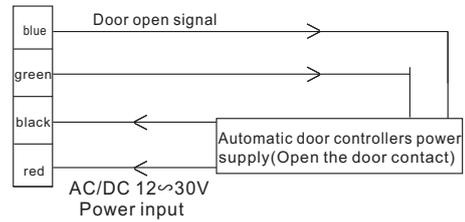


- ① Tag setting key
- ② Tag working indicator
- ③ Recognizer indicator
- ④ Recognizer function setting key
- ⑤ Mounting holes

4 Definition of Input and Output



5 Wiring Diagram



6 Matching Method

1. Matching method for recognizer and tag:

- (1) . Once the recognizer is powered on, the red light is on. Press the recognizer function setting key for 1 second and then release, the blue indicator light flashes 3 times, matching successfully. Max 3 tags can be added.
- (2) . Delete method: Press recognizer setting key, red light turn to blue, blue light shining slowly in 5 seconds, after 10seconds blue light shining quickly.

2. Setting tag sensing distance:

- (1) . Press and hold the tag setting key, in three seconds it jumps to next gear, and three gears in a loop. When the indicator flashes once, release for setting a short distance (about 1 meter)
- (2) . When the indicator light flashes twice, release for setting a medium distance (about 3 meters)
- (3) . When the indicator light flash three times, release for setting a long distance (about 5 meters)

7 LED Indicator

- (1) . Red lights on: standby mode
- (2) . Red light flashing: no match tag signal is received.
- (3) . Blue light on: received the matching tag signal, (open the door normally) and wait for the matching mode.
- (4) . Blue light flashing: enter the delete all tag mode.

8 Technical Parameter

Power Supply (Recognizer):	AC/DC12~30V
Standby Current(Recognizer):	60mA
Action Current (Recognizer):	90mA
Output Contact capacity:	1A 24VDC
Receiving Sensitivity :	-95dbm
Power Supply (Tag):	3V(CR2032battery)
Standby Current (Tag):	16uA
Transmission Current (Tag):	10. 42mA
Transmission Distance:	3 gears adjustable(1m, 3m, 5m)
Size (Tag) :	46mm (L) X46mm (W) X11mm (H)
Size (Recognizer):	108mm (L) X60mm (W) X17mm (H)