

# **Operation Instruction**

# M-237 Infrared Detector

Make your choice......



# 1 Safety Instruction



Thank you for buying this product. Please read this manual before installation.

### 2 The overall structure parts









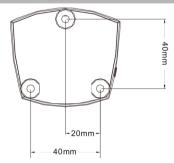
9 Funtion Dial switch

- 1 bottom cap
- 2 Wiring label×2
- ✓ Willing laber∧2
- 4 Mounting screw holes × 3
- 3 connector socket
- 5 emitter6 receiver
- 7 indicator light
- 8 Filter (cover)

# 3 The overall quality

- One-piece cover design, beautiful, dustproof, easy fixed and installation.
- Can be used in supermarkets, stores, and various kinds of automatic door which pedestrian pass through frequently. can be used as Human existence detection in small space. Also has auto-induction and anti-pinch function.
- one way to emit ,one way to receive, intelligent adaptive infrared sensors.
- Induction area and Angle can be adjusted.
- Always self-correcting once be influenced by quake, distortion, move, dark and sunshine. Ensure the sensor can work durable.

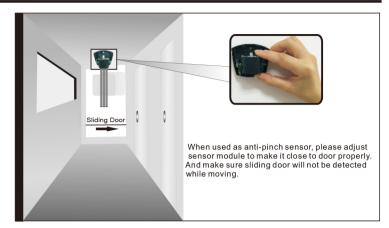
#### 4 Installation Dimension

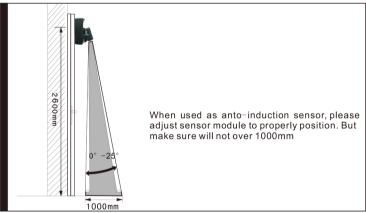


# 5 Installation and adjustment

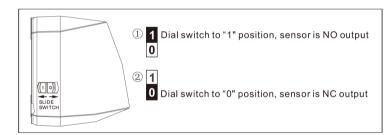


- 1. The detector has function of self-learn once starting up. After power on the blue LED will slow flicker in 10s, then quick flicker and became no flicker in blue.
- 2. Please keep the door closed before the sensor starts background self-learning process.
- 3. The debug person and any other objects such as ladder, tool kit must be out of the detection area when sensor is in the self-learning process.

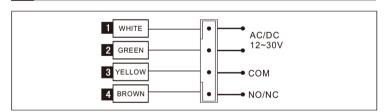




#### 6 Function setting



## 7 Input and Output



# 8 Parameters

Power Supply:	AC/DC12-24V
Quiescent current:	11mA (12V)
Dynamic current:	46mA(12V)
Working temps:	-20℃+60℃
Sensing method:	Infrared scanning
Scanning area:	100×80mm
Detection distance (MAX) :1000mm	
Installation height:	≤2600mm
Dimension:	63 (L) ×57 (W) ×52 (H) mm