

# Operation Instruction

## M-219 Feet sensor switch

Make your choice.....



### 4 Device composed



Controller    Thur-beam    Connection cable    Bracket

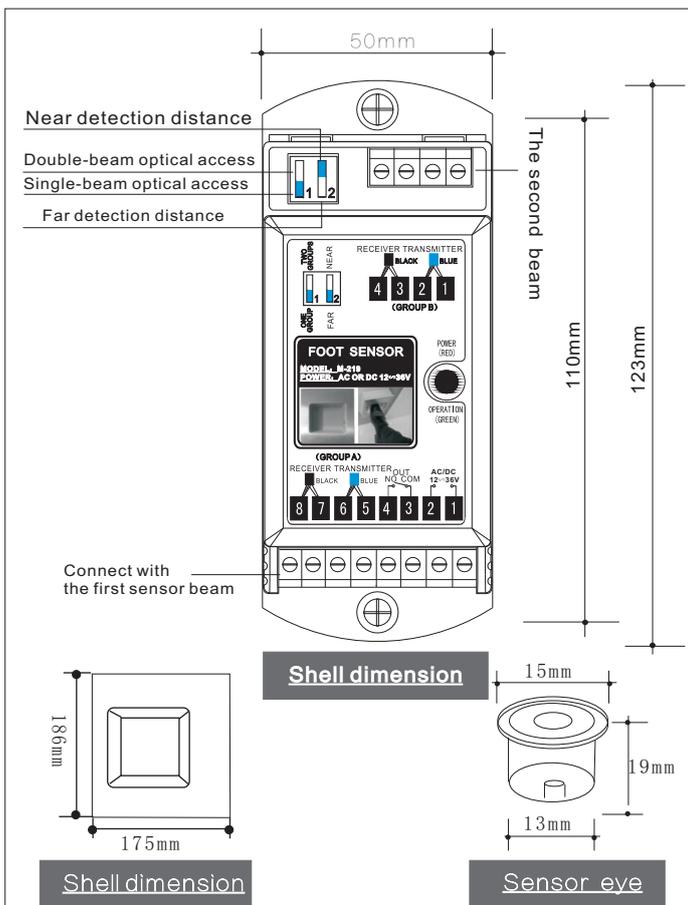
### 1 Security Guide

**!** Thanks so much for your purchasing, please read this instruction before reading.

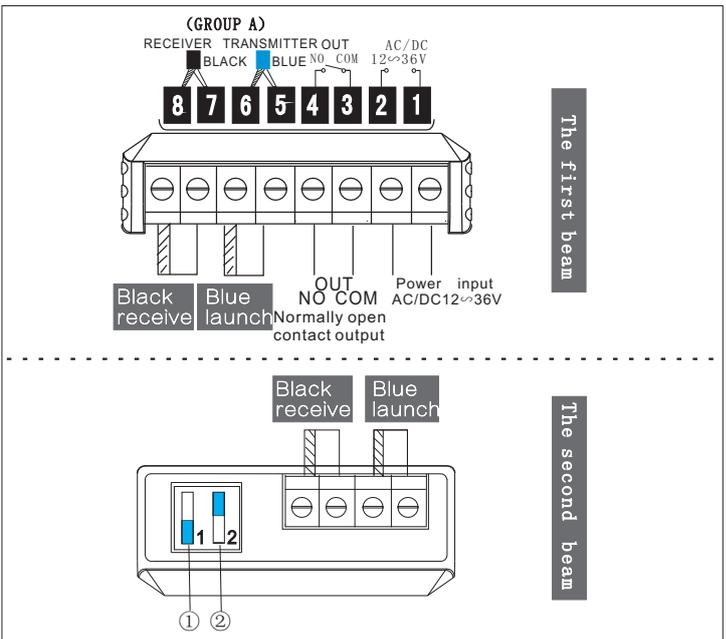
### 2 The overall characteristic

- Adopt microcomputer control with exquisite design of stainless steel wire cover.
- Installation with hidden screw hole, easy to be fixed and stable performance.
- Widely be used in the operating room of hospital and laboratory to prevent hand pollution.
- Detection mode: Receive the open signal by the truncation of infrared ray which operated by foot.
- Active infrared ray of modulation-demodulation controlled by microcomputer.

### 3 Dimensions and panel layout



### 5 The terminal wiring of input and output



- !** Notes: ① The switch 1 must be pulled down when connected with single-beam optical access.  
② Foot induction: Pulling down the switch 2, the foot induction will be weak.

### 6 The main technology parametric

Technical measures: Active infrared ray of modulation and demodulation  
 Recommended installation height: 0.3 m height from the ground  
 Detection mode: Truncation of infrared ray by foot operated to produce the open signal.  
 Reaction time: relay output  $\leq 45\text{ms}$   
 Supply power: AC/DC 12~36V  
 Power consumption: 82mA  
 Supervisory signal: 4.5S MA  
 Signal direction: Indicator with red light when Infrared ray emitted and received effectively. Indicator with green light when the infrared ray truncated by foot operated.  
 Operation temperature:  $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$   
 Interference immunity: Sunlight 81000LUX  
 Incandescent lamp : 36000LUX  
 Electronic Microwave: Consistent with 89/336/CEE criteria  
 Appearance dimensions ;  
 123(L)x50(W)x32(H)mm (Main controller)  
 19mmx13mm(Electric eyes )  
 186mmx175mmx53mm(Bracket)  
 Output signal: Relay NO signal contact.  
 Total Weight: About 1000G