

Operation Instructions

Make your choice...

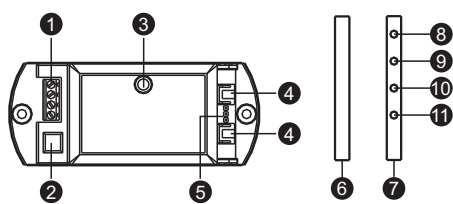
M-261/261Y Infrared Safety Light Curtain



1 Safety instructions

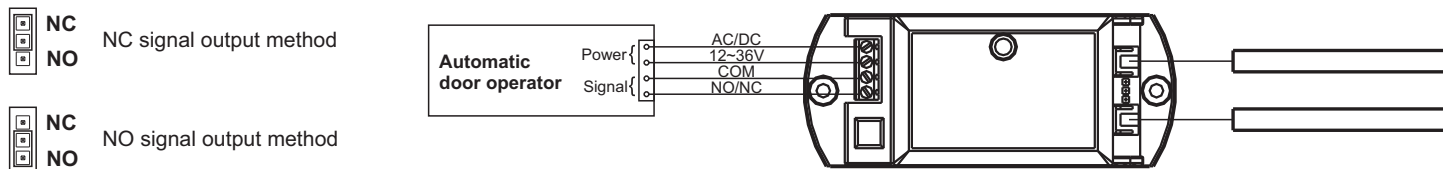
! Thank you very much for purchasing this product, in order to use it correctly, please read this manual carefully first.

2 Product overview

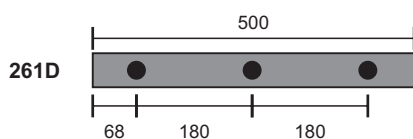
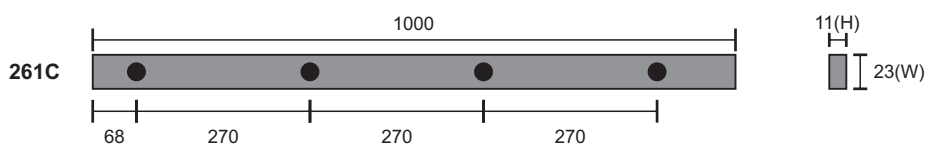
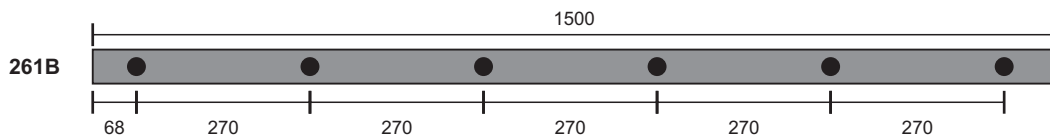
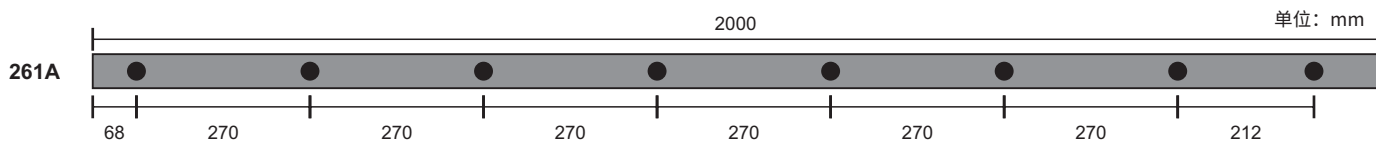


- ① Power input & signal output terminal
- ② Action LED indicator: Green LED
- ③ Power LED indicator: Red LED
- ④ Transmitting receiving grating connection socket
- ⑤ Signal NC/NO selector pointer
- ⑥ Grating transmitting strip
- ⑦ Grating receiving strip
- ⑧ Action sensing LED indicator (red)
- ⑨ Redundancy function LED indicator (blue)
- ⑩ Grating power LED indicator (green)
- ⑪ Function setting dial code switch position

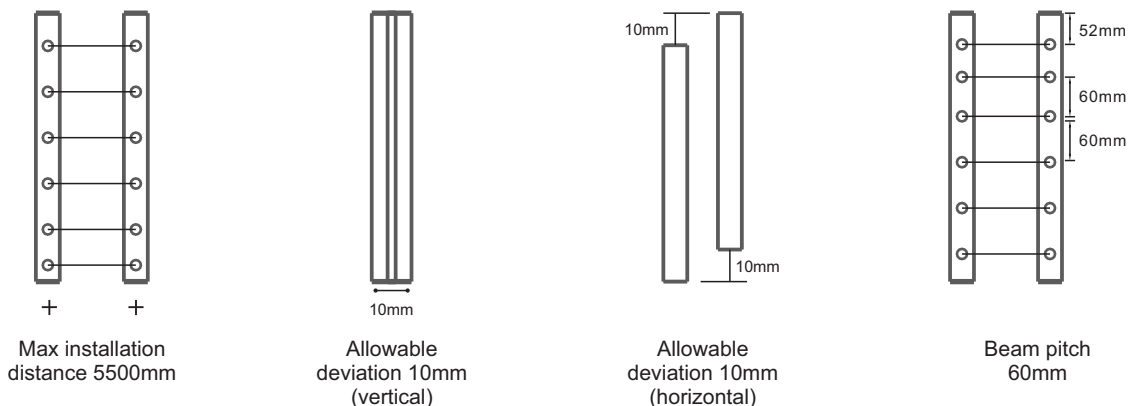
3 Function selector and wiring diagram



4 Dimension & Installation



Unit: mm
(Tolerance of total length ±1%)



RX grating strip dial code switch setting

| | | | | |
|--|--------------------------------------|--|--|---|
| | Turn on Blanking function | | Turn OFF Blanking function | |
| | Shielding function after barring 30s | | Shielding function after blocking for 1 minute | Shielding function after blocking for 5 minutes |
| | 32 pairs of launch and receive beams | | 24 pairs of launch and receive beams | 16 pairs of launch and receive beams |
| | Turn OFF buzzer | | Turn on buzzer | 8 pairs of launch and receive beams |



Intelligent blanking function: means sequentially from top to bottom while blocking the infrared light spot, don't produce detection signal. This function is available for fast roll doors, garage doors and other application scenes.

5 Technical parameters

| Parameters | 261A | 261B | 261C | 261D |
|--|--------------|------------|------------|-----------|
| Response time | 104ms | 78ms | 52ms | 26ms |
| Scanning beam | 32pairs | 24pairs | 16pairs | 8pairs |
| The redundancy function allows 1-2 pairs of infrared tubes to be shielded according to the set time after being blocked or damaged | √ | √ | √ | √ |
| Blanking function | √ | √ | √ | × |
| Dimension(mm) | 2000*24*11 | 1500*24*11 | 1000*24*11 | 500*24*11 |
| Beam distance | 60mm | | | |
| Working voltage | AC/DC 12~36V | | | |
| Static current(12V) | 195mA | | | |
| Action current(12V) | 165mA | | | |
| Ambient temperature | -20°C~+65°C | | | |
| Light resistance | 100000Lux | | | |
| Working distance | 10cm-550cm | | | |
| Cable length | 4m/pc | | | |

6 Packing List

| No. | Name | Quantity | Remark |
|-----|--------------------------|----------|--------|
| 1 | Controller | 1 | |
| 2 | Grating transmitting bar | 1 | |
| 3 | Grating receiving bar | 1 | |
| 4 | 4-PIN cable | 2 | |
| 5 | Screws bag | 1 | |
| 6 | Manual | 1 | |