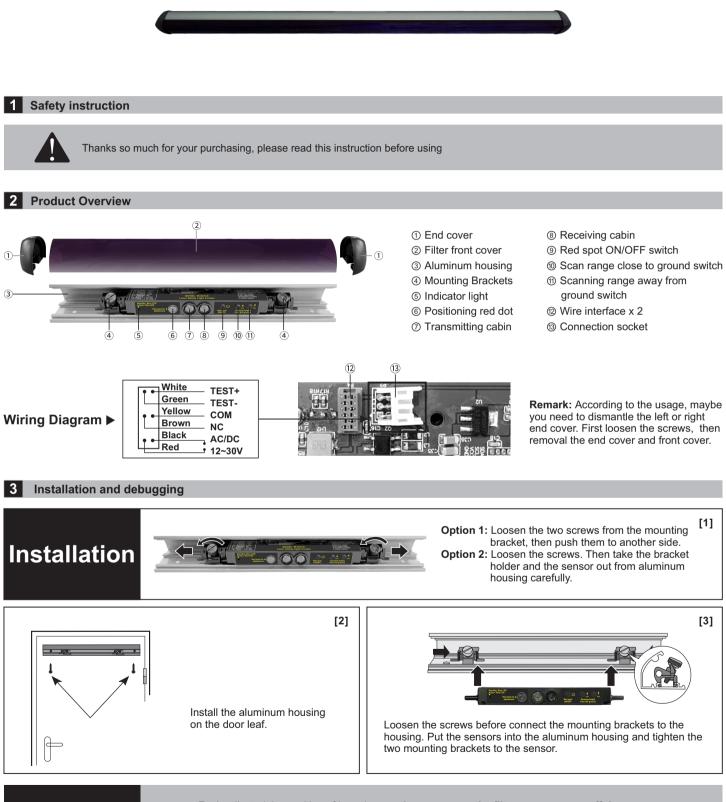
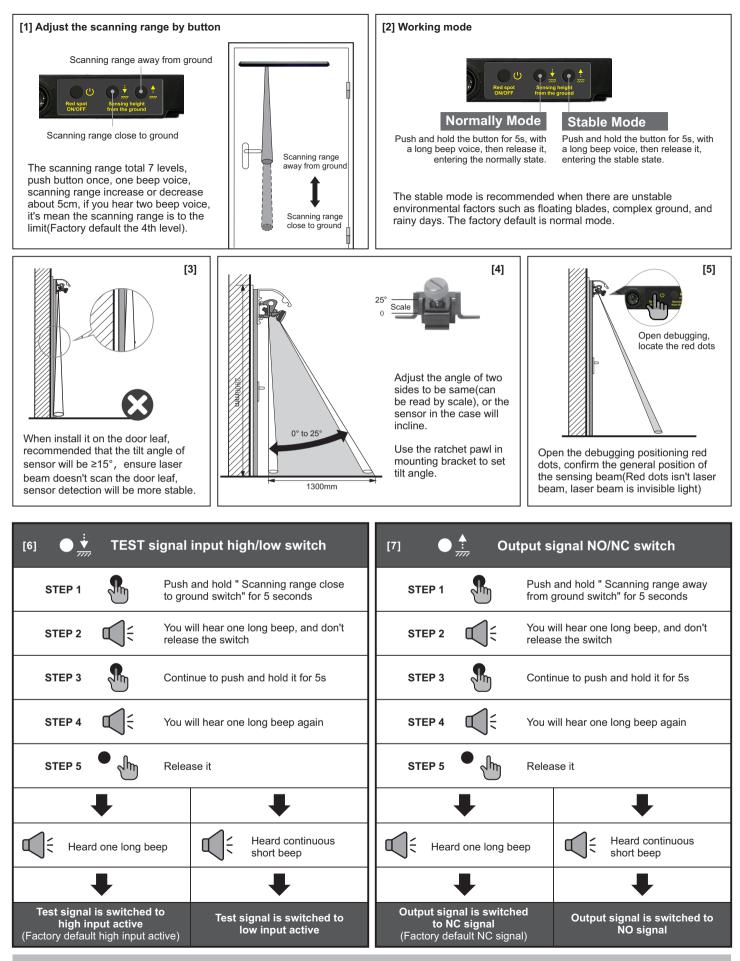
Operation Instructions

M-227LE Laser Safety Curtain Sensor



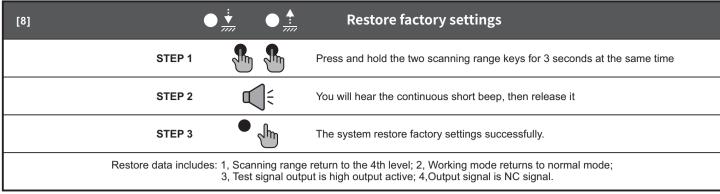


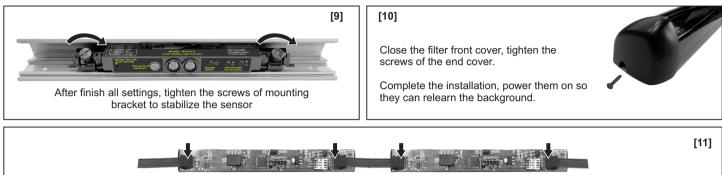
Each adjusted the position of laser beam, **please recover the filter cover, power-off then re-power on,** self-learning with 8 seconds. When you hear a quick beep and a blue light flash, it means that it's in the learning background. When you hear a long beep, the learning is complete, the blue light is always on, and the system can work normally. Generally, no special adjustment is required. The factory default scanning range is about 35cm from the ground. If adjustment is required, the steps are as follows:





NOTE: When the test signal function is not used, it must be set in the high input active state, otherwise the sensor will not work normally.





Multiple sensors can be connected to each other by side-by-side wires. **Remark:** The operating voltage and relay output need only be connected once to any sensor.

4 Troubleshooting

Symbol	Reason	Methods	
Sensor indicator light don't work, no beep voice	Power supply isn't connect	Check the power supply and wiring	
When door open, red light flashes, door run unstable	Scanning range is too close to ground	Adjust the scanning range height	
Sensor indicator light is normal, door is always open	Signal cable NO NC connection error	Reconnect the signal cable correctly	
Sensor red indicator is always on, door is always open	Background learning don't complete	Power off then power on and learn background	

5 Technical parameters

Detection principle: Time-of-Flight technology(TOF)	Working voltage: AC/DC 12-30V	
Light medium: 890nm infrared laser	Standby current: 50mA(12V power)	
Laser category: Class I eye-safe laser	Action current: 90mA(12V power)	
Detection diameter: 100mm light spots(2.8meters height)	Signal output: Relay NO or NC	
Detection reaction time: ≤50ms	Trigger mode: Moving or stationary	
Detection range: away from the ground large than 20CM	Function instruction: LED indicator, standby: BLUE, detection: RED	
Detection angle: 0-25° adjustable	Shell material: Aluminum alloy, ABS, PC	
Installation height(max): 5m(fixed position), 3.5m(moving door leaf)	Sensor dimension: 310x44x39mm, 620x44x39mm, 750x44x39mm,	
Working temperature: -20°C~60°C	900x44x39mm, 1200x44x39mm(optional)	

6 Packing List

NO.	NAME	QUANTITY	REMARK
1	Laser safety curtain sensor	1 pc	
2	Operation instructions	1 pc	
3	Cable	1 pc	65cm
4	Installing bracket	1 pc	
5	Screw bag	1 bag	