

Operation Instruction

M-227A Moving Safety Curtain



Remove the screw. Then take the bracket holder and sensor out from aluminum case carefully.









high from floor.



Figure10

Sensors can be connected by wire side by side. Note: Operation voltage and relay output need to connect to any of sensor only once.

9 Troubleshooting

Failure	Reason	Corrective action
Door open only at a particular point in time or only open partial.	The scan area has be set too close from floor	Reset the scan area. Please read chapter7, figure5.
Door open LED turn red long time.	The scan area has be set too close from floor	Reset the scan area. Please read chapter7, figure5.
Sensor always detecting.	Fluorescent lamp is near to the sensor.	Change the angle of Inclination-chapter7, figure7. Reset scan area-chaper7,figure5. Remove the fluorescent lamp
Sensor can not detect moving things.	The scan area has be set too far from floor. The wire connected between sensors is incorrect. Be caught in the rain	Reset the scan area. Please read chapter7, figure5. Check connected wire again-chaper5 Change the sensor

10 Technical Parameter

Scan area setting	Mechanical adjustment of wheels 500-2800mm	Triangle principle
Ambient temperature	+60℃	Deviate from set scan area 60°C
	-20°C	
Distinguish black/white	Max20%	The distinguish between black and white
	White: scan area is larger	according to scan area set
	Black: scan area is smaller	
Detection area diameter	About 75mm light spot	Apply in 2000mm scan area
Type of ray	Infrared ray	880nm pulse modulation infrared light
Operation voltage	AC/DC12-36V	
Current consumption	<100mA	
Signal output	Relay, switch point	Electrical isolation
	Highest alternating voltage 48VDC/AC	Rated current (resistive load) DC1A/24V
	Highest alternating current 0. 5ADC/AC	Inductive load/capacitive load, Provide
	Highest alternating capacitance	EDM quenching
	55volt-ampere/24watts	Resistive load
Detection response time	≤100ms	
Operation mode	Motion or standstill mode	self-adaption
Function Indicator	LED	Blue-standby, Red-detect
IP	lp52	
Housing material	AL/ABS	
Sensor dimension	$750 \times 31 \times 20$ mm	
(sensor for revolving door CNB-227A)	$900 \times 31 \times 20$ mm, $1200 \times 31 \times 20$ mm (optional)	Length/Width/Hight
Sensor dimension (Motion light curtain sensor CNB-227B)	620×31×20mm	Length/Width/Hight
-	Anti-interference abide by	CE abide by 89/336 EEC EMC
Electromagnetic compatibility	EN61000-6-1, EN61000-6-2	OL ADIGE DY 09/330 EEG EMG
	Emission interference abide by	
	EN61000-6-3, EN61000-6-4	