



MONITORED REFLECTIVE PHOTO EYE

The Miller Edge TruGuard monitored reflective photo optic system combines an emitter and receiver in the same housing. The reflector, equipped with hood for added sunlight immunity, returns the photo optic beam to the emitter/receiver unit. This system functions as a protective barrier guarding an entrapment or hazard zone. When an obstruction interrupts the invisible barrier, a signal is sent to motor controls to stop and/or reverse motion. A visible light beam eases alignment to the reflector making it easy to install.



• Automated gates



FEATURES

- · 30 ft. range
- · Normally closed and 10K outputs
- Easy installation and minimal maintenance with reflector
- Polarized beam and corner cube reflector reject false reflection and increase sunlight immunity
- Emitter/receiver can be mounted vertically or horizontally
- Durable mounting bracket/hood and reflector hood provide added protection against debris and serve as weather and sun shields
- · IP67 housing protects against moisture and dust
- UL 325 Recognized Component
- · 2-year warranty





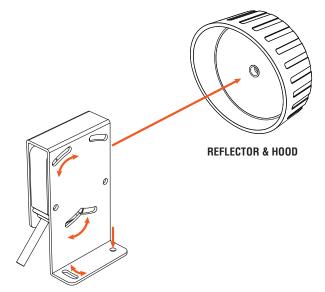
GENERAL SPECIFICATIONS

PERFORMANCE		
Operating Range	6-30 ft. (2-9 m)	
Number of Elements	1 element	
Maximum Ambient Light	>100,000 lux	
Aperture Angle	±3°	
Reflector	Corner cube	
Operating Temperature	-13°F to +141°F, (-25°C to +55°C)	
Agency Approvals	c Sus UL 325 Recognized Component	
ELECTRICAL		
Power Source	12-40 volts DC, 24-48 volts AC	
Current Consumption	<40 mA	
Relay Rating	2 A @ 40 volts AC/DC	
Output	N.C., 10K	
	Emitter/Receiver	Reflector/Hood
PHYSICAL		
Dimensions	EM/RX: 0.75 W x 2.5 H x 1.38 D in. (19 x 64 x 35 mm) Bracket: 1.75 W x 4 H x 2.38 D in. (44 x 102 x 60 mm)	Reflector/hood: 3.9375 W x 3.9375 H x 1.86 D in. (100 x 100 x 47 mm)
Weight	EM/RX: 5.5 oz. Bracket: 6.5 oz.	Reflector/hood: 6.5 oz.
Housing Material	EM/RX: Polycarbonate, PMMA lens Bracket: Galvanized steel	Reflector: PMMA/ABS Hood: Plastic
LED Indicators	2: Power, alignment	
		Vertical
Mounting Orientation Degree of Protection	Horizontal, vertical	Vertical

INCLUDED

· Emitter/receiver

- · Emitter/receiver bracket/hood
- · Reflector
- · Reflector hood



EMITTER/RECEIVER & BRACKET/HOOD