



# iGAZER50LR Long Range Photo Eyes

## Features:

- LONG RANGE PHOTOCELL
- Retro-reflective & Through beam type
- Infrared LED element
- NEMA 4X(IP-66) waterproof/cable gland
- PC upper casing, anti fog/dew/rain
- Round shape reflector-Dia.: 3¼ inches
- Input volt.: 12~250VAC/DC
- Twin colors LED indicator for beam alignment
- Tamper switches included

## Application:

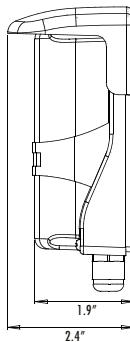
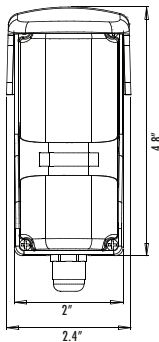
- Gate opener
- Overhead door
- Swing gate
- Sliding door
- Perimeter protection
- Window
- Terrace
- Warehouse
- Parking lot



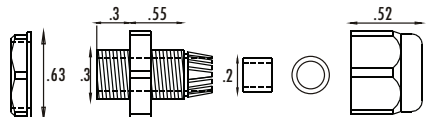
## Specifications:

Model No.	iGAZER50LR
Type	Retro-Reflective
Input Volt.	12~250VAC/DC (Non Polarity)
Tx LED Element	Infrared LED/Wave length 940 nm
Beam Spreading angle	5°
Contact Capacity	0.5A/120VAC (1A/30VDC)
Response Time	10 msec
Delay Time of Relay	100 msec
Sensing Range	50 feet
LED Indicators	Red LED Off: Beam aligned / Red LED On: Beam broken Red LED flash: Beam alignment signal weak (Re-align) Green LED on: Beam aligned proper
Additional Function	Tamper switches
Wiring Connection	Terminal block / Cable gland (NEMA 4X(IP-66))
Housing Material	PC
IP	NEMA 4X(IP-66)
Environment/Storage Temp.	-13°F to 140°F / -31°F to 176°F
Dimension	4½ (L) × 2¼ (W) × 2¼ (D) inches
Solar Drain	Standby (Beam aligned) ±10%: 47mA / Trigger ±10%: 24mA

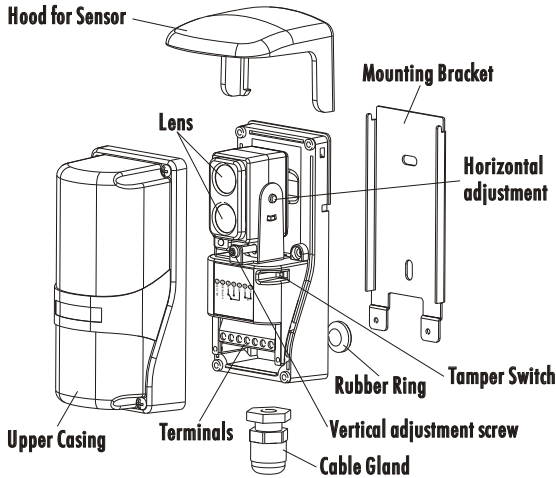
## Dimensions:



UNIT: inches

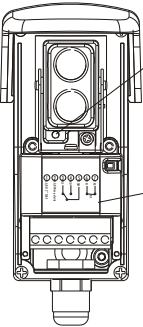


## Parts Account:



## Wiring Connection:

iGAZER50LR



**PWR/  
Beam Alignment  
LED Indicator**

①	②	③	④	⑤	⑥	⑦
AC/AC 12" 25W	AC/AC Non polarity	NC	NO	COM	TP1	TP2

**Additional function:  
TP1/TP2 - Tamper Switches,  
can be connected with control  
panel or siren as burglar alarm.**

## WARRANTY

The guarantee period of this product is 24 months, beginning from the manufacturer date. During this period, if the product does not work correctly, due to a defective component, the product will be repaired or replaced at the discretion of the producer. The guarantee does not cover the plastic enclosure integrity. After-sale service is supplied at the producer's factory.