

Through Beam Photoelectric Sensor



IR-2000TS

Features

- Sensing range: 20 meters
- IP-66 water proof
- N.C./N.O. /Common relay Output
- Terminal block wiring connection
- Mounting hardware included
- Tamper switches included
- AC/DC 12~24V input voltage

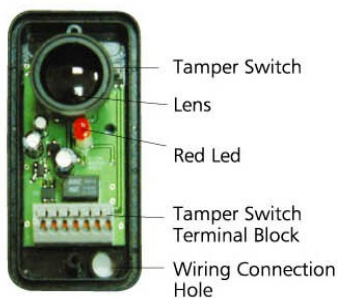
Applications

- Gate or garage door
- Overhead doors
- Conveyor
- Door entrance
- Parking lot
- Alarm system
- Warehouse

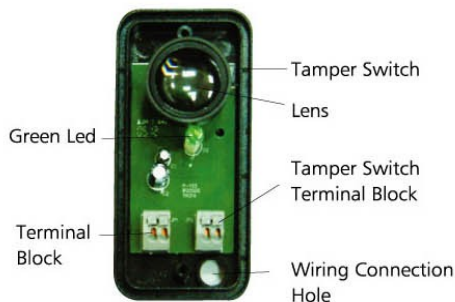
Through Beam Photoelectric Sensor

PARTS IDENTIFICATION:

RECEIVER

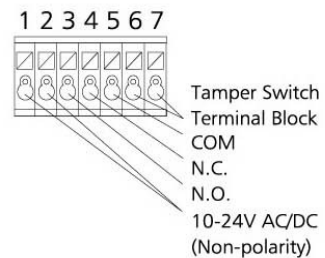


TRANSMITTER

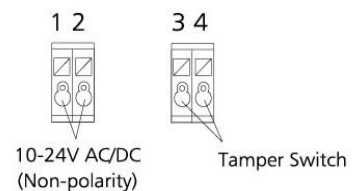


WIRING:

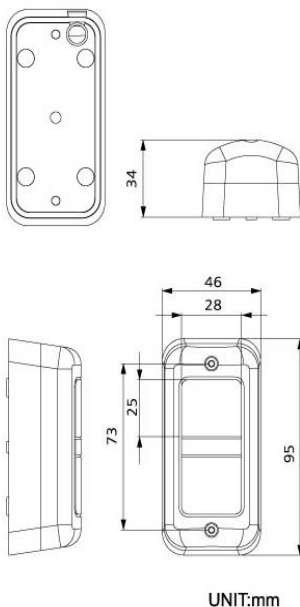
RECEIVER



TRANSMITTER



DIMENSIONS:



UNIT:mm

SPECIFICATIONS:

Item NO.	IR-2000TS
Detection Method	Through Beam
Sensing Range	20 meters
Input Voltage	AC/ADC 12~24V
Response Time	100 msec
Emitting Element	IR LED
Operation Indicator	Red Led(Rx):On (when beam is broken), Green (Tx):on
Dimensions	46 mm (w) x 95 mm (h) x 34 mm (t)
Output Method	Relay output
Current Consumption	Tx : 37mA / Rx : 30mA (when beam alignment properly) Tx : 37mA / Rx : 25mA (when beam is broken)
Contact Current	1A/120VAC
Illumination	Lamplight<10,000 Lux ; Sunlight<30,000 Lux
Connection Method	Terminal Block
Noise Resistance	1500Vp-P/1us
Surge Resistance	2KV/1uS
Vibration Resistance	10-55Hz/1.5mm, 2 Hour In X.Y.Z. Phase
Housing Material	Casing: Nylon Cover: PC resin
Operating Temp.	-20°C ~60°C
Water Proof	IP-66
Safety Standard	CE



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