

Through Beam Photoelectric Beam Sensor

IR-3000G

Features:

Long sensing range:30 meters
IP-66 water proof
N.C./N.O. /Common Output
Terminal block wiring connection
Mounting bracket/screws included
Tx power adjustment
AC/DC 24V input voltage

Applications:

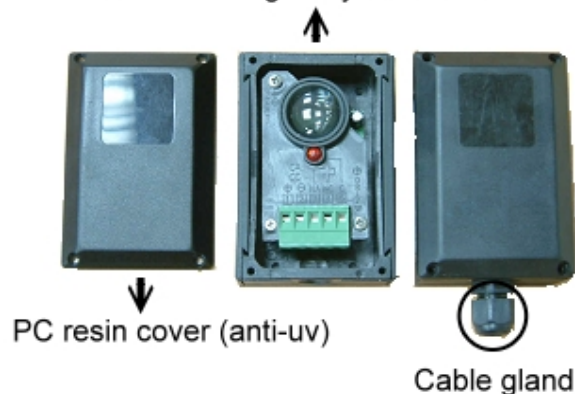
Gate or garage door
Overhead doors
Conveyer
Door entrance
Parking lot
Alarm system
Warehouse



Specifications:

Detection Method	Through Beam
Sensing Range	30 meters
Input Voltage	AC / DC 10-24V
Response Time	100 ms
Emitting Element	IR LED
Operation Indicator	Red Led(Rx): off (when beam is broken), Green (Tx):on
Dimensions	21mm(w) * 87mm(h)* 38 mm(t)
Output Method	Relay output
Current Consumption	Tx: 37mA/Rx: 30mA (when beam is aligned) ; ±10% Tx: 37mA/Rx: 15mA (when beam is broken) ; ±10%
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 ~60
Water Proof	IP-66
Safety Standard	CE

Bottom casing : Nylon material



Transmitter

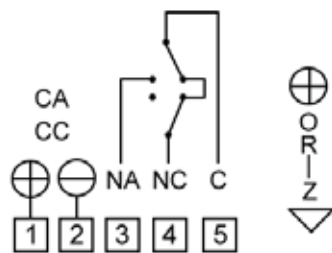


Power supply
LED:Green

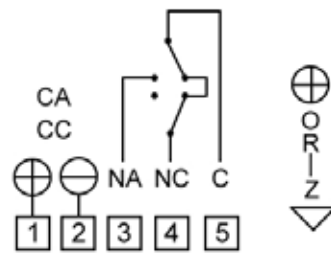
Receiver



Vertical adjustment
horizontal adjustment
LED:(Red)



NA : Normal open
NC : Normal close
⊕ : DC (+) input voltage
⊖ : DC (-) input voltage



C : Common
CA : AC (10 - 24V)
CC : DC (10 - 24V)
VERT : Vertical
ORIZ : Horizontal

DIMENSIONS:

