



# *Free Power Photoelectric Beam Sensor*



## **Features**

- Universal AC/DC input voltage.
- IP-66 water proof.
- N.C./N.O. Output.
- 6 feet cable wires.
- Mounting bracket/screws included.
- Sensing range adjustable.



**Retro-Reflection**  
IR-700L/IR-500LP  
IR-700D/IR-500DP  
(P:Polarized)

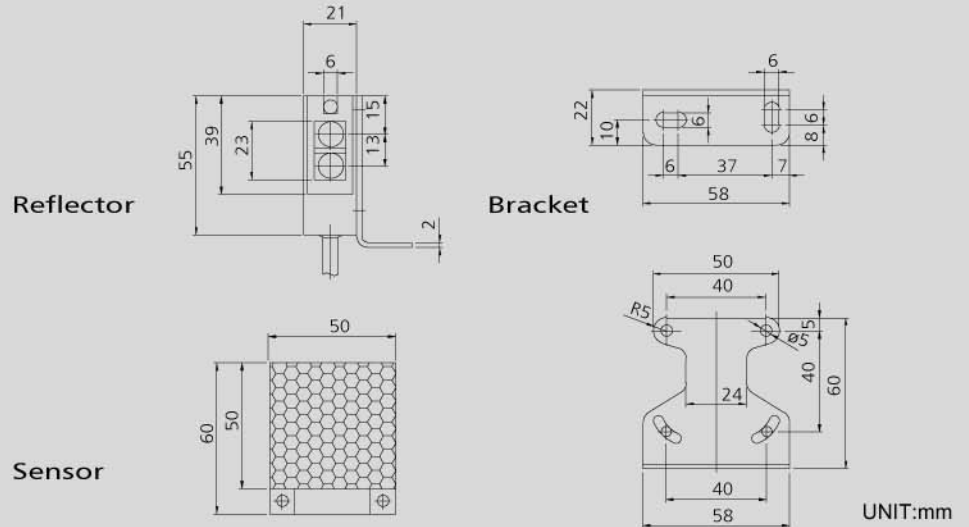


**Through Beam**  
IR-3000L  
IR-3000D



**Diffused Reflection**  
IR-100L  
IR-100D

#### DIMENSIONS:



#### SPECIFICATIONS:

Detection Method		Retro-Reflection	Through Beam	Diffused Reflection
Item No.	N.C.	IR-700L/IR-500LP	IR-3000L	IR-100L
	N.O.	IR-700D/IR-500DP	IR-3000D	IR-100D
Sensing Range		7 meters/5 meters	30 meters	1 meter
Input Voltage		DC 12-240V +/- 10% or AC 24-240V +/- 10%		
Response Time		15ms		
Emitting Element		IR LED		
Operation Indicator		Yellow LED (turn on when beam is broken)		
Dimensions		21mm (w) * 55 mm(h)* 50 mm(d)		
Current Consumption		2VA Max.		
Output Method		Relay output		
Contact Current		3A/250VAC		
Illumination		Lamplight< 10,000 Lux ; Sunlight<30,000 Lux		
Connection Method		Cable lead wires:Brown/Blue/White/Black/Gray		
Noise Resistance		1500Vp-P/1uS		
Surge Resistance		2KV/1uS		
Vibration Resistance		10-55Hz/1.5mm, 2 Hours In X.Y.Z. Phase		
Housing Material		Case: Intensive ABS; Lens: PC		
Operating Temp.		-20°C~60°C		
Water Proof		IP-66		
Safety Standard		CE		

\*\*\*\*\* IR-500LP/IR-500DP: POLARIZED (Retro-Reflection Type)

#### Applications:

- Gate or garage door.
- Swing gate.
- Parking lot.
- Warehouse.
- Overhead doors.
- Door entrance.
- Alarm system.
- Sliding door.