

## "LONG RANGE" Retro-Reflective & Through Beam Photocell

### Features:

- LONG RANGE PHOTOCELL
- Retro-reflective & Through beamtype
- Infrared LED element
- IP-66 waterproof/cable gland
- PC upper casing, anti fog/dew/rains
- Round shape reflector-Dia.:82.1mm
- Input volt.: AC/DC 12~250V
- Twin colorsled indicator for beamalignment
- Tamper switchesincluded

### Application:

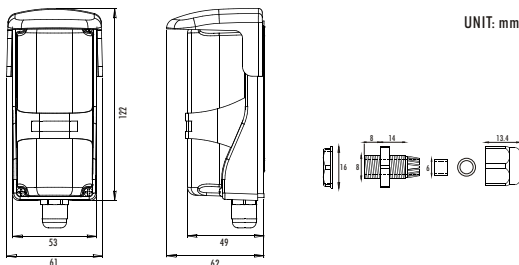
- Gateopener
- Overhead door
- Swing gate
- Sliding door
- Perimeter protection
- Window
- Terrace
- Warehouse
- Parking lot



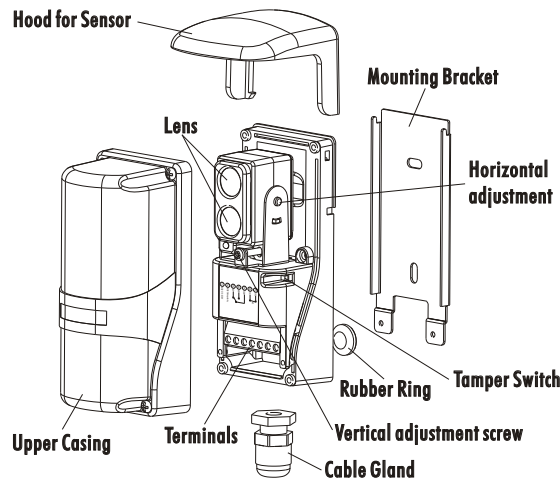
### Specifications:

Model No.	PB-1500	PB-3000
Type	Retro-Reflective	Through Beam(Twin Beams)
Input Volt.	AC/DC 12~250V (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	15 meters	30 meters
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 (IP-66)	
Housing Material	PC	
IP	IP-66	
Environment/Storage Temp.	-25℃ ~ 60℃ / -35℃ ~ 80℃	
Dimension	122 (L) × 61 (W) × 62 (D) mm	

### Dimensions:



Parts Account:



Wiring Connection:

PB-1500

PWR/  
Beam Alignment  
LED Indicator

①	②	③	④	⑤	⑥	⑦
ACDC 12~250V	ACDC Non polarity	NC	NO	COM	TP1	TP2

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

PB-3000

TX

PWR/  
Beam Alignment  
LED Indicator

①	②	③	④	⑤	⑥	⑦
ACDC 12~250V	ACDC Non polarity	NC	NO	COM	TP1	TP2

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

RX

PWR/  
Beam Alignment  
LED Indicator

①	②	③	④	⑤	⑥	⑦
ACDC 12~250V	ACDC Non polarity	NC	NO	COM	TP1	TP2

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