

Twin Photobeam Detector

Laser Beam Alignment Function



Applications:

- . N.C./N.O. alarm output.
- . N.C. tamper switch.
- . Non-polarized power input.
- . Interruption time adjustable.
- . Gate or garage door.
- . Perimeter protection.
- . Door entrance.
- . Parking lot.
- . Warehouse.
- . Barrier.

Features:

- . Reliable Perimeter security and protection.
- . Laser beam alignment function.
- . Twin beam: Minimizing galse alarm, for falling leaves, birds, small animal---etc.
- . Weather proof: Anti-rain, snow, dew, mist, frost---ect.
- . CE approved.
- . IP-55 water proof.
- . Automatic input power filtering.

Specifications:

Model	PB-30HD	PB-60HD	PB-80HD	PB-120HD
Max. range(outdoor)	100'(30m)	200'(60m)	270'(80m)	400'(120m)
Max. range(indoor)	200'(60m)	400'(120m)	540'(160m)	400'(240m)
Current consumption	47mA	56mA	60mA	62mA
Supply voltage	10-30VDC(Non-polarity)			
Detection system	Simultaneous breaking of 2 beams			
Response time	50msec~700msec(variable)			
Alarm output	Contact capacity: NC./NO. 1A/120VAC			
Tamper output(Tx&Rx)	Dry contact relay: NC. Contact capacity: 1A/120VAC			
Alarm LED(receiver)	Red LED-ON: when transmitter and receiver are not aligned or when beam is broken.			
Signal LED(receiver)	Yellow LED ON: when receiver's signal is weak or when beam is broken.			
Power LED(transmitterand receiver)	Green LED ON: Indicates connected to power			
Laser wavelength	650nm			
Laser output power	5nW			
Alignment angle	Horizontal: $\pm 90^\circ$, Vertical: $\pm 15^\circ$			
Operating temperature	-23°F~131°F (-25 ~55)			
Weight	1.1kg			