

IR-BEAM SENSORS

PB-60HD

PB-60D is a Dual Synchronized Beams sensor (twin beam). The Twin Beam ensures minimum false alarm possibility against falling leaves, birds, small animals etc. The working distance of PB-60D is 60 meters. This beam sensor comes with laser beam alignment function which reduces the installation time and along with that increases the workability of the device. The Beam sensor comes with built-in Optical Viewfinder for easy and quick alignment. One more notable feature of this beam sensor is Automatic Gain Control (AGC) Circuit for precision. Other features include Weather proof Anti-rain, snow, dew, mist, frost design mounting brackets, Pole Clips etc.

The protection distance (between Transmitter / Receiver) should be placed in the rated range.

PB-60HD 60m (200 ft.) 1.8m (6.0 ft.)



Features

- Reliable Perimeter security and protection.
- Laser beam alignment function.
- Twin beam: Minimizing false alarm, for falling leaves, birds, small animal--etc.
- Weather proof: Anti-rain, snow, dew, mist, frost--etc.
- IP-55 water proof.
- Automatic input power filtering.
- Easy, quick installation.
- N.C. / N.O. Alarm output.
- N.C. Tamper switch.
- Non-polarized power input.
- Interruption time adjustable.

Technical Specifications

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|---------------------------|--|
| Model | PB-60HD |
| Protection Range(Outdoor) | 200'(60m) |
| Protection Range(Outdoor) | 400'(120m) |
| Power consumption | 56mA |
| Power supply | 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(transmitter) | Green LED ON:Indicates connected to power |
| Laser wavelength | 650nm |
| Laser output power | <5mW |
| IP Rating | IP-55 |
| Alignment angle | Horizontal:±90° , Vertical:±15° |
| Operating temperature | -13°F(-25°C) ~ 131°F(+55°C) |
| Weight | 1.1kg |
| Appearance | PC Resin |

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