

FAQ – Invisi-Guard™

Invisi-Guard thru beam infrared detectors include a receiver, battery powered emitter and universal mounting brackets.

Intended for use with door and gate operators, an interruption of the beam will signal the motor to reverse.



Q. Why is there a loud beeping noise from the receiver?

A. An audible 85-decibel low battery alarm is enclosed within the receiver to notify users when it is time to change the batteries.

Q. What type of batteries are required?

A. Two (2) standard size AA lithium batteries are required. Batteries have a one (1) year minimum expected life.

Q. Why use thru beam instead of reflective technology?

A. Invisi-Guard utilizes thru beam technology to reduce the potential of false signals found with photoelectric systems using reflective technology. Reflective signals are generally more susceptible to false signals caused by sunlight or shiny car bumpers!

Q. Does this product meet UL325 requirements for doors/gates?

A. Yes. As of October 6, 2008 when this product passed final inspection by ETL to comply with the ANSI/UL325 standard. ETL is a Nationally Recognized Testing Laboratory (NRTL). This testing assures you and your customers that this product has been tested by an independent 3rd party testing laboratory and has met or exceeded all of the requirements of the UL325 safety standard.

Q. Can Invisi-Guard be installed outdoors?

A. Yes, both the transmitter and receiver are housed in NEMA 4 enclosures suitable for indoor or outdoor applications. When installing in outdoor applications, pay attention to potential “nature obstructions.” For example, make sure there is not foliage or tall grass that may obstruct the beam.

Q. Can I install the brackets vertically/horizontally?

A. Universal mounting brackets allow for vertical or horizontal mounting with multi directional pivot for simplified sensor alignment.

Q. What is the maximum opening width of the door or gate where Invisi-Guard can be used?

A. Invisi-Guard PH-T-1 has a maximum operating range of 30 feet (9.14m).
Invisi-Guard PH-T-1-SP-50 has a maximum operating range of 50 feet

Q. How do I know if the eyes are aligned properly?

A. InvisiGuard includes “on-board” diagnostics to help with troubleshooting. When the Yellow LED indicator light is on, you’ll know it is properly aligned.

Q. What is the voltage requirement for the receiver?

A. Typically 12 or 24 volts AC or DC

Q. There are 5 wires coming out of the receiver, which ones go where?

A. For detailed wiring instructions, please view the installation instructions. Here's a brief outline of wiring connection:

-Red (+) and Black (-) wire are used to supply power to the receiver. Be sure power does not exceed 24 volts.

-White connects to "common" on your operator's low voltage terminal strip

-Most operators will require a N.O. input on the safety edge/photocell input, the Green connects to the N.O. input

-If the operator needs a N.C. input, the brown wire connects to the N.C. input on the safety edge/photocell input.

You will only use 4 of the 5 available wires. You will always have an unused wire that will be either green or brown.

Q. Do you have a photo-eye that is completely wired? No batteries?

A. Yes. Specify model #PH-T-2 if you would like to wire both the transmitting and receiving eyes.

Q. Can the Invisi-Guard sound an alarm when the beam is broken?

A. The on-board Invisi-Guard relay is not designed to handle high current loads but, it is capable of energizing an additional 24 volt "ice-cube" relay coil. If you would like an alarm to sound, you would need to purchase a relay that would handle the required load need by that alarm.

Q. How can I obtain additional support?

A. We're always willing to help so feel free to contact us at your convenience.

By phone: Eastern US and Canada 800-220-3343
 Western US and Canada 800-887-3343
 Outside USA or Canada 1-610-869-4422

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