

## FAQ – Invisi-Guard2™



**The Invisi-Guard-2 (IG2) thru beam photo optic system sends an invisible beam of light from a transmitting unit to a receiving unit. The light beam is intended to function as a protective line guarding a potentially hazardous zone. When the light beam is interrupted by an obstruction, a signal is sent to the motor controls to stop or reverse motion. IG2 is suitable for both indoor and outdoor installations.**

Q. Do you have a photo-eye that is battery powered to avoid having to run wire across the span?

A. Yes. If you would like to use a battery powered emitting eye and save time and money on installation, there are 2 options available. IG2-K10 is suitable for spans up to 30 feet and IG2-K50 is suitable for spans up to 50 feet.

Q. Is there a low battery alert?

A. On models with battery powered emitting units, there are LED low battery indicator lights on the receiver.

Q. What types of batteries are used for battery powered models?

A. Battery types and life expectancies vary by model.

IG2-K10 models require, two (2) standard 1.5 V, size AA lithium batteries and have a one (1) year life expectancy.

IG2-K50 models require two (2) 3.6V size AA lithium batteries and have a 6-month life expectancy.

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

A. Yes. IG2-K10-E30 is suitable for spans up to 30 feet and IG2-K10-E50 is suitable for spans up to 50 feet.

Q. Is IG2 impact resistant?

A. Yes, IG2 has passed an impact resistance test performed by an independent lab. For added protection, we offer an optional boot protective covering.

Q. Does IG2 meet UL325 requirements for doors/gates?

A. Yes. All IG2 models have been independently tested to comply with the UL325 safety standard.

Q. Can IG2 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 are no plants or tall grass that may obstruct the light 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. There’s also an optional flexible pedestal stand.

Q. What is the maximum opening width of the door or gate where IG2 can be used?

Both externally powered and battery powered units are available to span distances of up to 30 feet or up to 50 feet.

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

A. IG2 products include “on-board” diagnostics to help with troubleshooting. A lit green LED indicator light on the receiving eye lets you know the system is properly powered on and aligned. The red indicator lights only when the beam is interrupted or mis-aligned.

Q. What is the voltage requirement for the receiver?

A. Typically 12 or 24 volts AC or DC

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

Website: [www.milleredge.com](http://www.milleredge.com)

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