IRB-325

INFRARED PHOTOCELL

Applications

- Complies with the UL 325 standard when used with steel hoods.
- The IRB-325 photocell is used as an external entrapment protection device type B1 non-contact sensor for use with automatic gate operators.
- Powder coated steel hoods help protect from damage.
- The IRB-325 transmitter and receiver are mounted in line of site at a distance of up to 65 feet.
- When the infrared beam is broken the IRB-325 produces a detection signal.

IRB-325



EMX INDUSTRIES

Sales Inquiries: sales@gateopenersafety.com

GateOpenerSafety.com

Accessories



IRB-325



IRB-325-SP



IRB-325-PT

Technical Data

Range	6 to 65 feet
Power	12 VDC to 24V AC/DC
Current Consumption	12 VDC Standby Detect, 24 V AC/DC Standby Detect
TX	47 mA
RX	33 mA 25 mA, 56 mA 38 mA
Relay Contact Rating	1A @ 30 VDC
Housing	UL and CSA Type 4, 4X, 3, 3R, 12, 13
Operating Temp.	I-40ºF to +170ºF
Dimensions Housing Only	H=5.03” W=3.06” D=3.02”
Dimensions Powder Coat Steel Hood	H=6.7” W=3.3” D=4.4”

Ordering Information

- IRB-325 12 Infrared photocell, includes transmitter and receiver
- IRB-325-HD Set of two powder coated steel protective hoods (required)
- IRB-325-PT Mounting post 2in x 2in x 2 ft.
- IRB-325-SP Water tight strain relief for use with interconnecting cords

WARRANTY EMX INC. the product described herein for a period of 2 years under normal use and service from the date of sale to our customer. The product will be free from defects in material and workmanship. This warranty does not cover ordinary wear and tear, abuse, misuse, overloading, altered products, or damage caused by the purchaser from incorrect connections, or lightning damage. There is no warranty of merchantability. There are no warranties expressed, implied or any affirmation of fact or representation which extend beyond the description set forth herein. EMX Inc. sole responsibility and liability, and purchaser’s exclusive remedy shall be limited to the repair or replacement at EMX’s option of a part or parts not so conforming to the warranty. In no event shall EMX Inc. be liable for damages of any nature, including incidental or consequential damages, including but, not limited to any damages resulting from non-conformity defect in material or workmanship. *Rev 2.1 07/09/08*

MADE IN THE USA