

IRB-325

INFRARED PHOTOCELL

Applications

The IRB-325 is an external entrapment protection device type B1, non-contact sensor for use with automatic gates and doors. The device is UL325 compliant and suitable for use with many operators.

The long range and thru-beam features of the IRB-325 offer a reliable solution to all external entrapment protection needs. A robust, NEMA 4X enclosure provides the durability required for any safety application. The lens-less design minimizes fogging and false triggering caused by small objects and provides for easy alignment.

IRB-325



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Accessories



IRB-325-HD



IRB-325-SP



IRB-325-PT

Technical Data

Operating range	6 to 65 feet
Power supply	12 VDC to 24VAC/DC
Current consumption	12 VDC standby/detect, 24VAC/DC standby/detect
Receiver	33mA/25mA, 56mA/38mA
Transmitter	47mA
Relay contact rating	1A @ 30VDC
Operating temperature	-40°F...+170°F
Housing material	UL and CSA Type 4, NEMA 4X, 3, 3R, 12, 13
Housing dimensions	5.03" (128mm) x 3.06" (78mm) x 3.02" (77mm)
Hood dimensions	6.7" (170mm) x 3.3" (84mm) x 4.4" (112mm)

Ordering Information

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

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 2.3 02/08/16

