

# 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.



### TECHNICAL DATA

- Range: 6 to 65 feet
- Power: 12V to 24V AC or DC  
150mA
- Relay contacts: 30V 1A
- Housing: UL and CSA Type 4,4X,  
3, 3R, 12, 13 rating
- Dimensions: H = 5.03" W = 3.06"  
D = 3.02"
- Operating Temperature: -40o F to + 170o F

### ORDERING INFORMATION

- IRB-325: 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

**Warning:** Read and comply with all written instructions regarding installation of the IRB-325 provided by the gate operator manufacturer.

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**EMX**  
INDUSTRIES, INC.