

# NIR-50

NIR RETRO-REFLECTIVE PHOTOEYE

## Applications

The NIR-50 Retro-Reflective Photoeye may be used as a reversing sensor for:

- Commercial overhead doors
- Gates
- Parking Barriers



**EMX**

INDUSTRIES

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## Accessories



NIR BRKT



NIR-HD



Reflector-O-HD



Reflector-O

## Technical Data

<b>Operating Temperature</b>	-20° C to +55°C (-4°F to +131°F)
<b>Operating Voltage</b>	12 – 240 Volts DC, 24 – 240 Volts AC
<b>Dimensions</b>	H = 2.5", D = 1.5", W = 0.75"
<b>Lead Wire</b>	6 feet
<b>Response Time</b>	10 ms maximum
<b>Fail Safe Relay Output</b>	125V AC 0.6A, 110V DC 0.6A, 30V DC 2A.
<b>Environmental Protection</b>	IP66 (IEC)
<b>Certifications</b>	CE
<b>Sensing Range</b>	50 feet

## Ordering Information

- NIR-50 Reflective Photobeam
- Reflector-O Optional 3" round reflector
- NIR-HD Steel Protective Hood for NIR
- Reflector-O-HD Gray Protective Hood for Reflector
- NIR-BR Wrap around Mounting Bracket

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 1.0 12/11/2012