NIR RETRO-REFLECTIVE PHOTOEYE

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- Flexible voltage 12 Volt AC/DC to 240 Volt AC 40mA current draw.
- Watertight package.
- Detection range up to 30 feet.
- 6 feet of lead wire.
- Bracket and mounting hardware included.
- Two LED indicators
- Sensitivity adjustment
- Compact package. Size: 2.5” High, 1.5” Deep, 0.75” Wide



APPLICATIONS

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

- Commercial overhead doors
- Gates
- Parking Barriers

TECHNICAL SPECIFICATIONS

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

Ordering Information

NIR	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

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EMX INDUSTRIES, INC.

WE ACCEPT MASTERCARD, VISA AND AMERICAN EXPRESS CREDIT CARD ORDERS OR COMPANY PURCHASE ORDERS WITH APPROVED CREDIT.

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ACCESSORIES



Reflector O-HD
(Optional)



NIR-HD
(Optional)



Reflector-O
(Optional)



NIR-BR

WARNING … Not to be used for Personnel Protection
Never use product as sensing devices for personnel protection. Doing so could cause serious injury or death.

These sensors do NOT include the self-checking redundant circuitry necessary to allow their use in personnel safety applications. A sensor failure or malfunction can cause either an energized or de-energized sensor output condition. This unit may malfunction on reflective surfaces including metallic and pearl coat paints.

Products specifications and appearance subject to change without notice

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.

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