

# 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

**EMX**  
INDUSTRIES, INC.

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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.