

Model GD11S Installation Instructions

INSTALLATION INSTRUCTIONS

- Wiring is color coded for easy identification. See wiring instructions below for transmitter and receiver connections.
- Cut and insulate the remaining input power wire so it will not short out.
- Relay contacts will change state if the beam is interrupted or if the power is lost to either the transmitter or receiver.
- The receiver comes with factory set time delay of 0.5 seconds. To change the delay, remove the two screws from the face of the receiver. Pull the circuit board out with a slight twist to avoid the lens. **DO NOT DISLODGE THE LENS.** The pot is now accessible and can be adjusted with a small flat blade screwdriver. Clockwise adjustment increases the delay time while counterclockwise adjustment decreases the time delay.
- Fastening (hidden):**
 - Remove top and bottom caps and foam inserts.
 - Drill 3/16" dia. hole for a #8 sheet metal screw (top and bottom).
 - Remove all metal chips from enclosure.
 - Notch top and bottom caps to fit around fastening screws.
 - Mark and drill fastening surface.
 - Fasten GD11S transmitter and receiver to mounting surface.
 - Replace foam inserts and top and bottom caps (seal with silicone if necessary).

Fastening (telescoping bracket):

- Mark and drill mounting surface for 3 - #10 screws to secure bracket.
- Place GD11S in mounting bracket channel and tighten 4 set screws.

SPECIFICATIONS

Range..... 0 to 30 feet
 Power..... 12V to 24V AC or DC,
 100mA
 Relay Output..... Form C (N.O. or N.C.)
 Output Rating.... 1 Amp at 125V AC
 Temperature..... 0°F to 140°F
 (32°C to 60°C)
 Time Delay..... 0.5 to 5 seconds
 Finish..... Brushed Aluminum,
 Clear Anodized

Caution: Observe transformer polarity when wiring GD11S.

WIRING INSTRUCTIONS

Transmitter
 Power..... 24V - White and Black Wires
 Input..... 12V - Red and Black Wires

Receiver
 Power..... 24V - White and Black Wires
 Input..... 12V - Red and Black Wires

Relay Output
 Green..... Normally Open
 Gray..... Relay Common
 Blue..... Normally Closed

