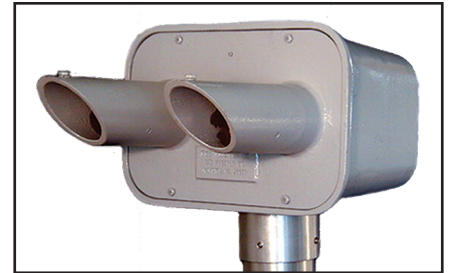


**Specifications**

**Model # DE-IR/3111**  
 Double Eye Infrared  
 Overheight Vehicle Detection System



Transmitter



Receiver

INPUT POWER .....	115 VAC, +/- 10%, 50/60 Hz. Other options include 24 VDC solar or 240 VAC, +/-10%, 50/60 Hz operation.
OUTPUT.....	Form C, dry relay contact closure, contacts rated 240 VAC 10A, protected by 8A circuit breaker. System switches to Single Eye mode upon loss of either detector.
FAULT REPORTING .....	Fault reporting output upon loss of power, transmitter failure or either eye blocked for approximately 13 seconds. Single Eye mode of operation implemented. See Options and Accessories section.
OPTION	
ALARM TIME .....	Adjustable by customer from 1 to 30 seconds. Custom alarm times available.
ELECTRONICS .....	Sensors are NEMA 6P enclosure rated. Electronic printed circuits for years of reliable operation.
EFFECT OF AMBIENT .....	Very high noise immunity.
LIGHT	
MINIMUM RANGE .....	10 feet (3 m).
MAXIMUM RANGE .....	700 feet (213 m). Suggested maximum range 200 feet (61 m) to allow for bad weather and lens contamination.
DIRECTION SELECTION .....	Selection switch. No tools or adjustment required.
ALIGNMENT .....	Two LEDs and meter (GO-NOGO functions) provided for alignment. No special tools required.
REACTION SPEED .....	1 to 75 MPH (1 to 121 km/h) for a 2.5 inch (6.25 cm) diameter object 1 inch (2.5 cm) above the detection height. Custom speed/size available.
COUNTER .....	Records the number of activations.
TEMPERATURE RANGE .....	-40° to +135° F (-40° to +57° C).
ENVIRONMENTAL .....	Internal thermostat controls air flow which reduces moisture and maintains internal temperature during cold weather.
CONTROL	
HOUSINGS .....	External housing is heavy ALMAG casting and sheet aluminum (not less than 1/8 inch or .318 cm thickness) for rugged durability and extended life. Cabinet design minimizes effects of vandalism and provides rigid mounting. The pole cap serves as a mounting bracket and sighting base with our poles. Meets NEMA 3R intent.
DIMENSIONS .....	Transmitter Cabinet: 15½ x 10 x 8¾ inches (39 x 25 x 22 cm). Receiver Cabinet: 12¾ x 16½ x 8½ inches (32 x 42 x 22 cm).
SHIPPING WEIGHT .....	45 lbs (20 kg).