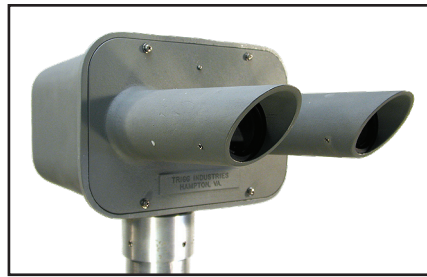


**Specifications**

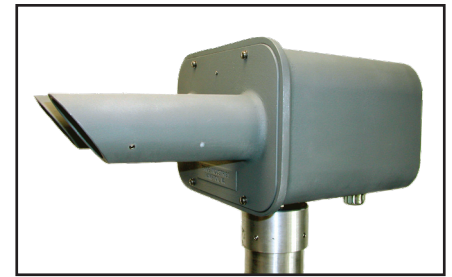
**Model # 3400-Z**  
**Double Eye Z-Pattern®\***  
 Visible Red / Infrared  
 Overheight Vehicle Detection System

\* PATENTED

**Z-Pattern®**



Remote



Master

INPUT POWER .....	115 VAC, +/- 10%, 50/60 Hz. Other options include 24 VDC solar or 240 VAC, +/-10%, 50/60 Hz operation.
OUTPUT.....	Two Form C, dry relay contact closures for Overheight Alarm Functions. One Form C, dry relay contact closure for Fault Reporting. Contacts rated 240 VAC 10A, protected by 8A circuit breakers.
FAULT REPORTING .....	Factory configuration per customer selection of operational mode, loss of source/detector/power or total failure. See Options and Accessories section.
ALARM TIME .....	Adjustable by customer from 1 to 30 seconds.
ELECTRONICS .....	Sensors are NEMA 6P enclosure rated.
EFFECT OF AMBIENT LIGHT .....	Use of Dual Beam RED/IR Z-Pattern® provides automatic switch to Single Beam Detection Mode of Overheight Protection if the sun or other interference saturates one detector.
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 .....	Four LEDs and meter (GO-NOGO functions) provided for ease of alignment and testing.
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.
TEMPERATURE RANGE .....	-40° to +135° F (-40° to +57° C).
ENVIRONMENTAL CONTROL .....	Internal thermostat with heater and fan controls air flow which reduces moisture and maintains internal temperature during cold weather.
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. NEMA 3R Certified.
MOUNTING .....	The pole cap serves as a mounting bracket and sighting base with our poles, or a three-Axis mount is available. See Options and Accessories section.
DIMENSIONS .....	Remote Cabinet: 12¾ x 16½ x 8½ inches (32 x 42 x 22 cm). Master Cabinet: 12¾ x 18¾ x 8½ inches (32 x 48 x 22 cm).
SHIPPING WEIGHT .....	60 lbs (27 kg).