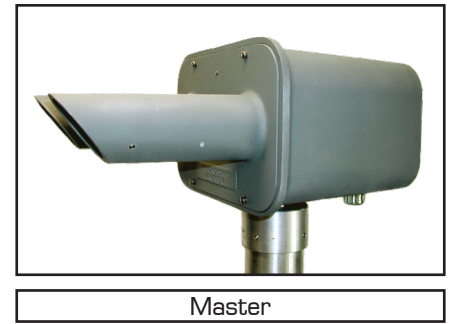
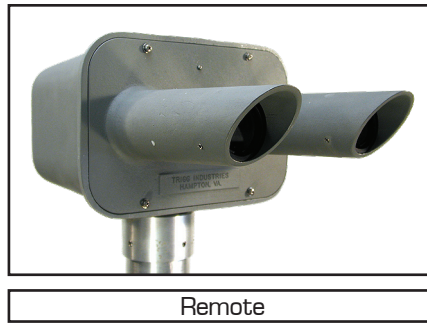


Specifications

Model # 3402-Z
Double Eye Z-Pattern®*
 Infrared / Infrared
 Overheight Vehicle Detection System

* PATENTED

Z-Pattern®  



INPUT POWER	115 VAC, +/- 20%, 50/60 Hz. Other options include 240 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.
CERTIFICATIONS	CE Marking.
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 IR/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).