

Specifications

Model # DB-R/IR-3200

Dual Beam

Overheight Vehicle Detection System



Transmitter



Receiver

INPUT POWER	115VAC +/- 10%. Other options available.
ALARM OUPUT.....	Two dry relay contact closures, Form C, contacts rated 115VAC 10A and protected by 8A circuit breakers.
FAULT OUTPUT	Dry relay contact closure, Form C, contacts rated 115VAC 10A and protected by an 8A circuit breaker.
ALARM TIME	Adjustable by customer from 1 to 30 seconds. Other options available.
ELECTRONICS	Sensors are NEMA 6P enclosure rated. Printed circuit board for years of reliable operation.
EFFECT OF AMBIENT LIGHT	10,000 Foot Candles for Red Detector. Very high noise immunity for IR detector.
MAXIMUM RANGE	700 feet. Suggested maximum range of 200 feet to allow for bad weather and lens contamination.
DIRECTION SELECTION	Selection switch. No tools or adjustment required.
ALIGNMENT	Two Green LEDs and GO-NOGO meter provided for alignment. No special tools required.
REACTION SPEED	1mph to 75mph for a 2.5 inch diameter object 1 inch above the height of detection.
COUNTER	Records the number of activations.
TEMPERATURE RANGE	-40° to +135° F (-40° to +57° C).
ENVIRONMENTAL CONTROL	Internal thermostat 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 that 1/8 inch thickness) to minimize vandalism and provide for rigid mounting. The pole cap serves as the mounting bracket and sighting base when our poles are used.
DIMENSIONS	Transmitter / Receiver Cabinet: 16½ x 12½ x 8¾ inches (42 x 32 x 22 cm).
SHIPPING WEIGHT	45 lbs (20 kg).