

SPECIFICATIONS

MODEL # SE-R/3310 WITH HEATER OPTION
SINGLE EYE VISIBLE RED
OVER-HEIGHT VEHICLE DETECTION SYSTEM



SOURCE



DETECTOR

SPECIFICATIONS:

MODEL	SE-R/3310 -H	SE-R/3310 -F-H	SE-R/3310 -230-H	SE-R/3310 -F-230-H	SE-R/3310 -24-H	SE-R/3310 -F-24-H
OPERATING VOLTAGE	120 VAC, 50/60HZ		240 VAC, 50/60HZ		+24 VDC	
ALARM OUTPUT	Form C, dry relay contact closure, contacts rated 240 VAC 10A, protected by 8A circuit breaker.					
ALARM TIME	Adjustable by customer from 1 to 30 seconds. Custom alarm times available.					
FAULT OPTION	Fault reporting relay contact opening upon loss of power, source/detector failure or if beam is blocked for approximately 13 seconds.					
FAULT OUTPUT		X		X		X
ELECTRONICS	Sensors are NEMA 6P enclosure rated. Electronic printed circuits for years of reliable operation.					
EFFECTS OF AMBIENT LIGHT	Sunlight immunity of 10,000 foot-candles.					
MINIMUM RANGE	6 feet (2 m).					
MAXIMUM RANGE	800 feet (244 m). Suggested maximum range 200 feet (61 m) to allow for bad weather and lens contamination.					
ALIGNMENT	Two LEDs and meter (GO-NOGO functions) provided for alignment. No special tools required.					



SPECIFICATIONS (CONT'D):

MODEL	SE-R/3310 -H	SE-R/3310 -F-H	SE-R/3310 -230-H	SE-R/3310 -F-230-H	SE-R/3310 -24-H	SE-R/3310 -F-24-H
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 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 than 1/8 inch or .318 cm thickness) for rugged durability and extended life. Cabinet design minimizes effects of vandalism and provides rigid mounting. Meets NEMA 3R intent.					
HEATERS / LENS	Internal heaters in each eye cone to help reduce condensation and snow build up. Lenses to help contain internal heat and provide additional sensor protection.					
CONNECTORS	Source Cabinet: One 3/4" NPT hole accepts cord grip or conduit fitting. Detector Cabinet: One 3/4" NPT hole accepts cord grip or conduit fitting.					
MOUNTING	Pole-mountable using Model # PMB-500 bracket (available separately). Wall-mountable using Model # FSB-500 bracket (available separately). Pole-top mountable when using pole cap on Model # 3701 or 3702 poles. Optional Three-Axis Mount (Model # TGZ-M017) recommended in applications with cross slope or complex road profiles.					
DIMENSIONS	Source Cabinet: 15½ x 10 x 8¾ inches (39 x 25 x 22 cm). Detector Cabinet: 15½ x 10 x 8¾ inches (39 x 25 x 22 cm).					
SHIPPING WEIGHT	40 lbs (18 kg).					
WARRANTY	Standard 1-Year Full Warranty. Extended Warranty options available.					

ORDERING GUIDE – SOURCE AND DETECTOR:

MODEL #	DESCRIPTION
SE-R/3310-H	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, SOURCE AND DETECTOR, VISIBLE RED, 120VAC, HEATER/LENS OPTION
SE-R/3310-230-H	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, SOURCE AND DETECTOR, VISIBLE RED, 230VAC, HEATER/LENS OPTION
SE-R/3310-24-H	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, SOURCE AND DETECTOR, VISIBLE RED, 24VDC, HEATER/LENS OPTION
SE-R/3310-F-H	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, SOURCE AND DETECTOR, VISIBLE RED, W/FAULT, 120VAC, HEATER/LENS OPTION

ORDERING GUIDE – SOURCE AND DETECTOR (CON'T):

MODEL #	DESCRIPTION
SE-R/3310-F-230-H	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, SOURCE AND DETECTOR, VISIBLE RED, W/FAULT, 230VAC, HEATER/LENS OPTION
SE-R/3310-F-24-H	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, SOURCE AND DETECTOR, VISIBLE RED, W/FAULT, 24VDC, HEATER/LENS OPTION

ORDERING GUIDE – SOURCE UNIT ONLY:

MODEL #	DESCRIPTION
SE-R/3310S-H	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, SOURCE UNIT ONLY, VISIBLE RED, 120VAC, HEATER/LENS OPTION
SE-R/3310S-230-H	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, SOURCE UNIT ONLY, VISIBLE RED, 230VAC, HEATER/LENS OPTION
SE-R/3310S-24-H	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, SOURCE UNIT ONLY, VISIBLE RED, 24VDC, HEATER/LENS OPTION
SE-R/3310FS-H	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, SOURCE UNIT ONLY, VISIBLE RED, W/FAULT, 120VAC, HEATER/LENS OPTION
SE-R/3310FS-230-H	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, SOURCE UNIT ONLY, VISIBLE RED, W/FAULT, 230VAC, HEATER/LENS OPTION
SE-R/3310FS-24-H	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, SOURCE UNIT ONLY, VISIBLE RED, W/FAULT, 24VDC, HEATER/LENS OPTION

ORDERING GUIDE – DETECTOR UNIT ONLY:

MODEL #	DESCRIPTION
SE-R/3310D-H	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, DETECTOR UNIT ONLY, VISIBLE RED, 120VAC, HEATER/LENS OPTION
SE-R/3310D-230-H	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, DETECTOR UNIT ONLY, VISIBLE RED, 230VAC, HEATER/LENS OPTION
SE-R/3310D-24-H	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, DETECTOR UNIT ONLY, VISIBLE RED, 24VDC, HEATER/LENS OPTION

ORDERING GUIDE – DETECTOR UNIT ONLY (CON'T):

MODEL #	DESCRIPTION
SE-R/3310FD-H	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, DETECTOR UNIT ONLY, VISIBLE RED, W/FAULT, 120VAC, HEATER/LENS OPTION
SE-R/3310FD-230-H	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, DETECTOR UNIT ONLY, VISIBLE RED, W/FAULT, 230VAC, HEATER/LENS OPTION
SE-R/3310FD-24-H	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, DETECTOR UNIT ONLY, VISIBLE RED, W/FAULT, 24VDC, HEATER/LENS OPTION

OPTIONAL ACCESSORIES:

MODEL #	DESCRIPTION
PMB-500	POLE MOUNT BRACKET
TGZ-M017	THREE-AXIS MOUNT
FSB-500	FLAT SURFACE BRACKET
USC-1000	UNIVERSAL SYSTEM CONTROLLER (PROVIDES LOGGING AND REMOTE NOTIFICATIONS)
TG-CAM-1010	NETWORK CAMERA (PROVIDES SNAPSHOT IMAGES AND VIDEO RECORDINGS)

Additional accessories and warning devices are available from Trigg Industries LLC.
Contact sales@triggindustries.com for details.