

**SPECIFICATIONS**

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



**SOURCE**



**DETECTOR**

**SPECIFICATIONS:**

MODEL	SE-R/3310	SE-R/3310 -F	SE-R/3310 -230	SE-R/3310 -F-230	SE-R/3310 -24	SE-R/3310 -F-24
<b>OPERATING VOLTAGE</b>	120 VAC, 50/60HZ		240 VAC, 50/60HZ		+24 VDC	
<b>CURRENT - SOURCE</b>	0.120A	0.120A	0.060A	0.060A	0.290A	0.290A
<b>CURRENT - DETECTOR</b>	0.215A	0.246A	0.108A	0.123A	0.390A	0.545A
<b>ALARM OUTPUT</b>	Form C, dry relay contact closure, contacts rated 240 VAC 10A, protected by 8A circuit breaker.					
<b>ALARM TIME</b>	Adjustable by customer from 1 to 30 seconds. Custom alarm times available.					
<b>FAULT OPTION</b>	Fault reporting relay contact opening upon loss of power, source/detector failure or if beam is blocked for approximately 13 seconds.					
<b>FAULT OUTPUT</b>		X		X		X
<b>ELECTRONICS</b>	Sensors are NEMA 6P enclosure rated. Printed circuit board for years of reliable operation.					
<b>EFFECTS OF AMBIENT LIGHT</b>	Sunlight immunity of 10,000 foot-candles.					
<b>MINIMUM RANGE</b>	6 feet (2 m).					
<b>MAXIMUM RANGE</b>	800 feet (244 m). Suggested maximum range 200 feet (61 m) to allow for bad weather and lens contamination.					



SPECIFICATIONS (CONT'D):

MODEL	SE-R/3310	SE-R/3310 -F	SE-R/3310 -230	SE-R/3310 -F-230	SE-R/3310 -24	SE-R/3310 -F-24
<b>ALIGNMENT</b>	Two LEDs and meter (GO-NOGO functions) provided for alignment. No special tools required.					
<b>ALIGNMENT HARDWARE</b>	Two-Axis Mount (Model # TG-2AM) enables pitch and heading adjustment. Two required per system (sold separately).					
<b>REACTION SPEED</b>	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.					
<b>COUNTER</b>	Records the number of activations.					
<b>TEMPERATURE RANGE</b>	-40° to +135° F (-40° to +57° C).					
<b>ENVIRONMENTAL CONTROL</b>	Internal thermostat controls air flow which reduces moisture and maintains internal temperature during cold weather.					
<b>HOUSINGS</b>	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. Powder coated gray finish. Custom colors available at additional cost.					
<b>CONNECTORS</b>	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.					
<b>MOUNTING HARDWARE</b>	Pole Mount Bracket (Model # PMB-500) enables pole mounting. Two required per system (sold separately). Pole Mount Bracket (Model # PMB-407) enables pole mounting with enhanced vertical adjustment. Two required per system (sold separately). Wall Mount Bracket (Model # FSB-500) enables wall mounting. Two required per system (sold separately). Pole-top mountable when using pole cap on Model # 3701 or 3702 poles. Custom mounting hardware available.					
<b>DIMENSIONS</b>	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).					
<b>SHIPPING DIMENSIONS</b>	34 x 18 x 24 inches (87 x 46 x 61 cm). 46 lbs (21 kg).					
<b>WARRANTY</b>	Standard 1-Year Full Warranty. Extended Warranty options available.					

PRODUCT VIEWS – DETECTOR AND SOURCE:



**SIDE**

PRODUCT VIEWS – DETECTOR:



**FRONT**



**SIDE**



**BACK**

PRODUCT VIEWS – SOURCE:



**FRONT**



**SIDE**



**BACK**

ORDERING GUIDE – SOURCE AND DETECTOR:

<b>MODEL #</b>	<b>DESCRIPTION</b>
SE-R/3310	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, SOURCE AND DETECTOR, VISIBLE RED, 120VAC
SE-R/3310-230	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, SOURCE AND DETECTOR, VISIBLE RED, 230VAC
SE-R/3310-24	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, SOURCE AND DETECTOR, VISIBLE RED, 24VDC
SE-R/3310-F	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, SOURCE AND DETECTOR, VISIBLE RED, W/FAULT, 120VAC
SE-R/3310-F-230	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, SOURCE AND DETECTOR, VISIBLE RED, W/FAULT, 230VAC
SE-R/3310-F-24	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, SOURCE AND DETECTOR, VISIBLE RED, W/FAULT, 24VDC

ORDERING GUIDE – SOURCE UNIT ONLY:

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

ORDERING GUIDE – DETECTOR UNIT ONLY:

<b>MODEL #</b>	<b>DESCRIPTION</b>
SE-R/3310D	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, DETECTOR UNIT ONLY, VISIBLE RED, 120VAC
SE-R/3310D-230	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, DETECTOR UNIT ONLY, VISIBLE RED, 230VAC
SE-R/3310D-24	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, DETECTOR UNIT ONLY, VISIBLE RED, 24VDC
SE-R/3310FD	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, DETECTOR UNIT ONLY, VISIBLE RED, W/FAULT, 120VAC
SE-R/3310FD-230	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, DETECTOR UNIT ONLY, VISIBLE RED, W/FAULT, 230VAC
SE-R/3310FD-24	SINGLE-EYE SINGLE DIRECTION DETECTION SYSTEM, DETECTOR UNIT ONLY, VISIBLE RED, W/FAULT, 24VDC

OPTIONAL ACCESSORIES:

<b>MODEL #</b>	<b>DESCRIPTION</b>
TG-2AM	TWO-AXIS MOUNT
PMB-500	POLE MOUNT BRACKET
PMB-407	POLE MOUNT BRACKET W/VERTICAL ADJUSTMENT
FSB-500	FLAT SURFACE BRACKET
USC-1000	UNIVERSAL SYSTEM CONTROLLER (PROVIDES LOGGING AND REMOTE NOTIFICATIONS)
TG-CAM-1011	NETWORK CAMERA (PROVIDES SNAPSHOT IMAGES AND VIDEO RECORDINGS)

Additional accessories and warning devices are available from Trigg Industries LLC.  
Contact [sales@triggindustries.com](mailto:sales@triggindustries.com) for details.