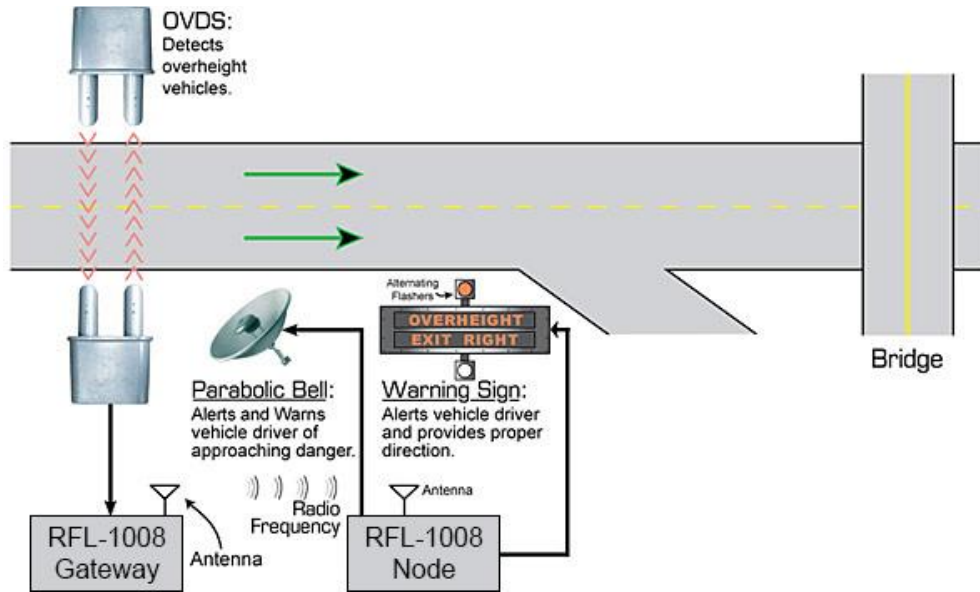


## SPECIFICATIONS

### MODEL # RFL-1008 RADIO FREQUENCY LINK

Activate warning devices using 900 MHz wireless contact closure link between OHVDS and warning devices. Cost effective alternative to wired installation. Includes (1) Gateway and (1) Node unit.



<b>INPUT VOLTAGE</b>	100-240VAC $\pm 10\%$ 50-60Hz $\pm 6\%$ , or 12-24VDC
<b>FEATURES</b>	Activated by over height vehicle detection system (OHVDS) or other equipment dry contact relay closure. Activation time controlled by time delay relay user-adjustable from 0.1 s to 10 days. Gateway unit installed at OHVDS. Node unit installed downstream at warning devices.
<b>STANDARD FUNCTIONS</b>	Provides one solid state flash relay with two independent outputs to activate warning devices (LED signals). Available at Node unit only. Provides one steady state voltage output to activate warning devices (flasher, strobe, blank out sign). Available at Gateway and Node units. Provides one Form C, dry relay contact to activate other devices (PLC, external controller) at Node unit. Available at Gateway and Node units.
<b>ALARM CONFIGURATION (NODE)</b>	(1) Set alternating flash output, 60 FPM, protected by 5A fuse (1) Steady voltage output, protected by 8A fuse (1) Form C, dry relay contacts (NC/NO), protected by 8A fuse

SPECIFICATIONS (CONT'D):

<b>FAULT CONFIGURATION (NODE)</b>	(1) Form C, dry relay contacts (NC/NO), protected by 8A fuse
<b>MAXIMUM RANGE</b>	Approximately 6 miles line-of-sight with Omni antenna.
<b>NETWORK</b>	900 MHz, 1 Watt, Frequency Hopping Spread Spectrum. Point-to-point contact closure using one Gateway and one Node (standard). Point-to-multipoint contact closure using one Gateway and multiple Nodes (optional using additional Nodes).
<b>ANTENNA</b>	Omni antenna mounted to the enclosure. Optional antennas available.
<b>TEMP. RANGE</b>	-29°F to +158°F (-34°C to +70°C)
<b>ENCLOSURE (NODE AND GATEWAY)</b>	Powder-coated carbon steel or 316L stainless-steel, Includes wall mount brackets and pad-lock hasps. Also available without enclosure for mounting in customer provided enclosure or 19" rack.
<b>DIMENSIONS (NODE AND GATEWAY)</b>	20" H x 16" W x 8" D (enclosure without mounting hardware) 19" H x 14" W x 6" D (back-panel only) 16" H x 19" W x 8" D (rack installation)

ENCLOSURES:



**POWDER-COATED STEEL ENCLOSURE**



**STAINLESS-STEEL ENCLOSURE**