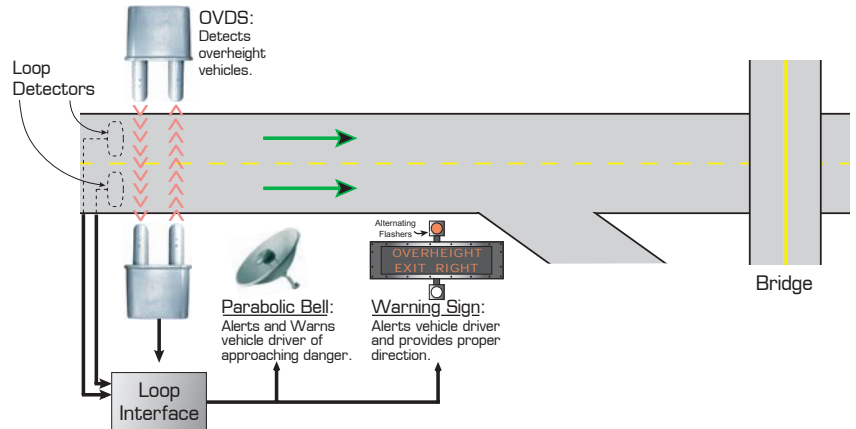


Specifications

**Model # TGL-2001**  
Loop Detector Interface

**Features**

- Eliminates False Alarms
- Internal Alarm time adjustment
- Accepts most loop detector outputs
- Easy Installation
- Internal loop hold adjustments



The Trigg Industries Loop Detector Interface insures that non-vehicular causes do not false-trigger overheight vehicle alarms. A loop detector [or detectors] in the roadway makes it possible to identify passage so that an overheight alarm is issued only when a vehicle is present. The interface is designed to accept a relay contact opening from a loop detector [or detectors] and a Trigg OVDS relay contact closure. The Model TGL-2001 includes a "Loop Hold" adjustment that allows for slower moving vehicles to be detected.

INPUT POWER .....	115 VAC +/- 10% Hz. Options include 24 VDC solar or 230 VAC +/- 10%, 50/60 Hz.
OUTPUT .....	Two Form C Dry relay contacts rated at 10A, protected by 8A fuses.
ALARM TIME .....	An Alarm Time adjustment is incorporated that allows a double-pole double-throw relay to be energized from 1 to 30 seconds upon receiving a valid alarm. This feature enables the OVDS Alarm Time to be set for a short time (1 - 2 seconds), which in turn, allows control over alarm time.
THROUGH-PUT .....	Approximately 1 second.
ELECTRONICS .....	Heavy duty printed circuit board, terminal strips with Phillips screw connections.
TEMPERATURE RANGE .....	-40° to +135° F (-40° to +57° C) with required heating or cooling packages per specific site.
HOUSINGS .....	All electronics are enclosed in a durable fiberglass NEMA 4X rated cabinet. Cord grips/strain relief connectors are included for cable access. The enclosure need not be mounted near either the loop relay(s) or OVDS but we do not suggest more than 500 feet (152 m) of separation due to the possibility of noise pickup in the cabling. Use of shielded cable may be required in some applications.
SHIPPING WEIGHT .....	20 lbs (9kgs).