



Vehicle Mounted Lightning Detector Improves Safety of Bucket Truck and Other Critical Operations

Introducing the VDS System by CableServ Inc.



Vehicle-mounted lightning detector system (VDS) enables precise low-cost monitoring of atmospheric conditions and provides instant notification of lightning strikes to personnel operating mobile equipment such as bucket lifting systems, truck/trailer mounted fuel pumps, etc. Because the self-contained detector works by continuously monitoring atmospheric electromagnetic radiation associated with developing strikes, it requires no external data or signals. Weighing less than one pound

and operating at 12VDC, the detector is easily mounted under a dashboard or in an equipment panel and consumes less than 2.5 watts of power.

Detector Applications

- Bucket Trucks
- Mobile Aircraft Fueling Equipment
- Commercial Fuel Tank Truck Operation
- Marine Fueling Applications

Easy integration directly into the wiring panels of typical vehicle mounted instrument system.

System Features

- Low Cost
- Continuously Active
- Detects Lightning at a Range of 2 - 40 miles (factory standard setting 5 miles)
- LED Indication of System Status: POWER, ALL CLEAR, STRIKE DETECTED
- Sounds Horn or External Siren To Notify Personnel When Lightning Is Detected and Boom or Bucket is Extended
- Automatic Reset After 5 Minutes - Requires NO Operator Intervention
- Very Small In Size: 5" x 5" x 1.5"
- Consumes less than 2.5W at 12VDC (Negative Ground)
- Rear-Mounted Euro-Style Wiring Terminals for Quick and Easy Connection
- Standard BNC Single Wire Antenna Connection (Coax F Connector Optional)
- Custom Factory Programming Available to Meet Virtually Any Notification/Alarm Sequence or Interlock Requirements
- Antenna Connects to Vehicle AM/FM Antenna or (optional) External Magnet-Mount Unit

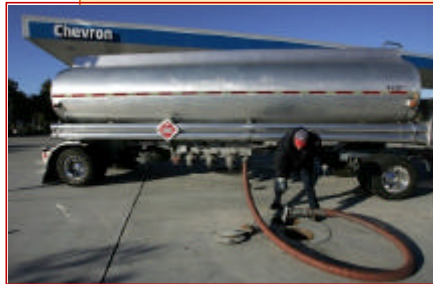
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Bucket Trucks



Marine Fuel Facilities



Commercial Fuel Facilities



Dashboard Mounted VDS
(Fuel Delivery Vehicle)

The Choice Is Yours – Interlocked or Non-Interlocked Configurations Available

Interlocked Configuration – In addition to front panel LED indication, controller prevents boom from being placed in service at onset of lightning activity and sounds vehicle horn/external siren if detection occurs while boom/bucket is in use.

Non-Interlocked Configuration – In addition to Strike Detected LED indication on front panel, sounds vehicle horn or external siren and flashes LED if detection occurs when boom/bucket is in use.

REAR PANEL-CUSTOMER CONNECTIONS



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