

Alert-O-Impact

AOI-GSM2 Series

Lift Truck Impact Monitor / Reporting System

Wireless Web Portal Reporting

Automatic Lift Truck On-board Impact Audio Warning with Wireless Web Based Reporting in Real-Time

The **AOI-GSM2 Series Alert-O-Impact System** is a general application, heavy duty, fully automatic electronic device that monitors all of the lift truck excessive "shocks" and will activate an audio warning to the operator when impact occurs. Time and date of the impact will be recorded on the wireless web portal and the information can be viewed from any computer with internet service.

The **AOI-GSM2** system provides the end user with a lift truck impact recording and alert that is immediately sent to a supervisor via an e-mail message.



Standard Web Based Reports

The wireless **Alert-O-Impact** System allows material handling supervisors to track lift truck impact occurrences with operator accountability in real time from any PC where browser service is available. Lift truck impact detection, time and date will be recorded and reported.

Optional Web Based Reporting

- Lift truck ignition time "ON"
- Lift truck ignition time "OFF"
- Lift truck run time
- Lift truck impact event, time and date
- Pre-Shift safety inspection status

Web Based Reports / Visual Warning with On-board Check Weighing

- Pre-Shift inspection status
- Vehicle engine idle (ED2-300-GSM)
- Vehicle overload event (ED2-SM-GSM)
- Vehicle under utilization (ED2-400-GSM)



Features

- Real-time lift truck impact detection
- Audio warning to the lift truck operator
- Automatic impact data archiving
- Customizable e-mail notification
- Simple installation
- Flexible mounting, VHB double-side tape
- Only two wires electrical connections
- Compact
- No set up required
- GSM wireless dual band, SIM card interface
- Internal antenna
- Auto-registration on Power Up
- Serial data I/O
- Export data, Microsoft Excel
- Optional check weighing, vehicle usage
- Economical, low monthly service plans

Alert-O-Impact
Lift Truck Impact Detection Wireless Monitor
AOI-GSM2



3M VHB double-sided tape
Industrial grade



Two wires electrical connections female plug
CAT P6000 Series Lift Truck Installation



Typical installation location of the impact monitor
right on the overhead guard
AOI-GSM2



Check weighing with impact detection
SkidWeigh Series
ED2-400 GSM

Technical Data

Electrical

- Voltage 12 to 36 V DC
- Optional input voltage for 48 V DC
- Current: Operating 45 mA

- Environmental

- Operating temperature -30°C to +85°C

Physical

- 4.25" x 3.00" x 1.38", ABS enclosure, black

Technology

- Micro Controller

Mounting

- 3M VHB industrial heavy duty double-sided tape

Output Audio Alarm

- Piezoelectric 95db

Dual band GSM 2354 modem

- FCC parts 15,22 & 24