

GPS Based Oscillation Monitoring System



“Fully indigenous, 3rd generation product upgraded to meet the latest RDSO specification TM/SM/420 Ver1.0. Based on 2nd generation PC based OMS which is RDSO approved & field proven, with 70 + installations & operational for about 5 years.”

PRODUCT FEATURES

- Identify, record exceedance w.r.t selected threshold
- Facility to input start kilometer (increment / decrement), train no., coach no., up/dn, odd/even, section, etc.
- GPS to determine distance & speed during run, sync with route tape data, 5 mtr. location accuracy
- Facility to load pre-generated route data, to sync. events automatically
- Online analogue, digital display of acceleration values
- Auto calibration option; also, static calibration at start of every run to correct minimal errors
- Automatic switch over to time mode in case of GPS signal loss; audio alarm during switch over
- Offline reports for executive summary, exception, RI, RMS, time-to-distance with print option
- SMS alerts to multiple mobile nos. during the run
- Uninterrupted operation for ~500 Kms when fully charged
- Better viewing on laptop display screen
- External event marker for event stamping, sync.
- NABL accredited lab report for system performance

Portable, rugged unit for Track Monitoring, to ensure the safety of the railway tracks

Laptop based unit capable of recording vertical & lateral acceleration on loco / coach floor, RI, different Events, along with the distance / time & instantaneous speed

GPS mode operation; uses route tape data for unattended recording

Time mode operation; External event marker for manual event entry

Works 6 hours without external power, when fully charged.

Enables online print of data as well as offline reports

Multi-input power supply for system power & battery charging

Tablet version available with limited features & accessories



SYSTEMS AIDS

9th Main Road, 1st Stage, Hennur Banaswadi Layout,
Kalyan Nagar, BANGALORE - 560 043. (INDIA)
Phone: +91-80-25451715/ 25451716 / 25452195

URL: www.systemsaids.com

