



Locomotive

Event Recorder

CMM / EDAP / COMBINED

usa.siemens.com/rail-automation

Overview



*Locomotive Event Recorder shown for reference purposes only!
Actual unit selected may vary in mounting and features.*

SIEMENS Locomotive Event Recorder is an FRA fully compliant, configurable alerter / recorder leveraging decades of experience in event recorder development in North America and Europe.

It is designed to fit all freight locomotive and transit vehicle applications, with models targeting legacy and new locomotive architectures and housed within an IP65 sealed enclosure. It contains various communications ports (RS232/422/485 serial, 10/100 and 10/100/1000 ethernet and USB 3.0) as well as selectable ranges on analog inputs and selectable filtering and debouncing on digital outputs. Inputs and outputs are isolated on all except legacy replacement versions.

Available with integrated manifold (with (3) analog pressure sensors and (5) digital pressure switches) or connector to support external manifold.

Easy front panel customization allows new variant versions to be quickly created to match existing legacy cabling and connectors within existing locomotives.

Drop-in replacement units are backward-compatible with legacy Quantum event recorders for easy retrofitting. LDARS compatible models are configured in EDAP only, CMM only, and EDAP / CMM combined versions.

Features

- Data recorder with optional, integrated crashworthy memory. (32) GB standard expandable to (256) GB
- Interfaces for discrete and networked data collection from onboard systems.
- Option for storage of digitized video data with integrated CMM.
- EDAP ONLY VERSION provides standalone unit to interface with discrete onboard subsystems and send information to standalone CMM in accordance with the LDARS specification.
- CMM ONLY VERSION provides standalone unit to communicate with networked onboard subsystems to send information to integrated CMM in accordance with the LDARS specification
- EDAP / CMM COMBINED VERSION provides unit to interface with discrete and networked onboard subsystems to send information to integrated CMM in accordance with LDARS specifications
- Equipped with a full featured data playback and analysis tool (DAREC) with advanced user-defined functionality.
- Configurable integrated alerter function allows implementation of any user-defined Vigilance Alerter System algorithms.
- Available MVB bus interface (Optional)

Reference to any specific commercial products, processes, or services, or the use of any trade, firm, or corporation name is for the information and convenience of the public and does not constitute endorsement, recommendation, or favoring by their respective entities



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