

TrainWise® Event Recorder System

The TrainWise® Event Recorder (ER10) collects critical information about the status of onboard train systems during operation. This includes fault and operational data such as propulsion signals, brake status, speed and driver activities. Information is stored continuously in sequence over time in the crash Hardened Memory Module (MM01). Recorded data provides vital information following an incident to help determine root cause and identify future preventive measures.

Dual Ethernet ports and modular I/O cards allow the ER10 to obtain digital data and discrete signals from train subsystems.

Total units ordered/delivered: 130



Product size and connectors may vary depending on configuration.

Key benefits

Easy installation. Two unit system allow the MM01 to be mounted in a secure location, such as behind a crash post with the ER10 in an easily accessible area close by.

Secure data. Critical data is stored on the FRA/IEEE-compliant Hardened Memory Module for post-incident analytics.

Versatile. Can operate stand-alone or integrated into a train or locomotive's existing subsystems for added functionality.

Flexible input. Records data from both wired signals and networked messages.

Main characteristics

- » FRA and IEEE compliant for event recorders
- » Separate MM01 for security and convenience
- » Modular I/O cards for scalable input/output count
- » Customized enclosures adaptable to available space
- » Secure web server providing remote access (PTE, operations, etc.)
- » Redundant Ethernet network interface with M12 connectors

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