



x-LINK™ R

EVENT RECORDER/ANALYZER FOR RAIL

x-LINK™ R is the only ruggedized railroad grade crossing event recorder/ analyzer that assesses combined preemption functionality with the capability of incorporating video data of critical train and vehicle



BENEFITS

Provides cost effective monitoring and recording of data | video at railroad crossings and optional nearby interconnected traffic signals

Improves response time by generating user defined alarms that may be accessed on-site or remotely as events occur

Provides on-site data back-up by simultaneously recording to multiple x-LINK™ units when connected as a network to ensure data is not lost if a unit is damaged as result of an incident

Provides recording capabilities to comply with FRA Safety Advisory 210-02, FRA Technical Bulletin S-12-01, and FHWA Report SA-12-020 when networked with an interconnected x-LINK™ H installed in a highway traffic signal cabinet

Enables accurate and efficient, root-cause analysis of railroad crossing operation through the use of an integrated video | data log to uncover operational anomalies that may be difficult to identify utilizing standard diagnostic methods

FEATURES

- ✓ Encrypted data | video file storage
- ✓ Each unit supports up to 4 HD cameras
- ✓ User defined data management filtering
- ✓ Recordable digital and analog inputs
- ✓ 256 GB video | data storage capacity
- ✓ Remote access allows real time viewing of data including optional video camera feeds
- ✓ GPS clock for date and time stamp validation
- ✓ USB and Ethernet ports for event file transfer
- ✓ AREMA C&S manual compliant
- ✓ Remote and local connectivity of system and individual units via x-Link™ Access utility
- ✓ “Buy America” compliant

TECHNICAL SPECIFICATIONS

Power

- 12 V dc (nominal)
- 8 to 18 V dc (applied)

Inputs | Outputs

- General Module
 - » 4 analog inputs
 - » 10 digital inputs
 - » 2 dry contact outputs
- Digital Module
 - » 14 digital inputs
 - » 2 dry contact outputs

Communications

- 1 System Ethernet
- 1 Remote Ethernet
- 2 USB

User Interface

- OLED display with 8 navigation buttons

Mounting

- Wall
- Shelf
- Rack 19 in (2U EIA)

Temperature

- -40 to 185 °F (-40 to 85 °C)

Physical

- Length - 17 1/4 in (485.1 mm)
- Height - 3 1/8 in (79.3 mm)
- Depth - 7 3/8 in (187.3 mm)
- Weight - 6 1/2 lbs (2.95 kg)
- Depth with connectors 8 3/4 in (222.2 mm)

CAPABILITIES

Data Storage and Monitoring

- Railroad grade crossing
 - » All railroad interconnection preemption circuits
 - » Gates and flashing lights
 - » Battery voltage levels
 - » Optional user definable events
- Interconnected traffic signal
 - » Red, yellow and green of all vehicle traffic signals
 - » Walk and don't walk of all pedestrian traffic signals
 - » Right-of-way transfer time
 - » Track clearance time

Remote access

- Downloadable data and video
- View real time data and video
- Secure access

Reporting

- Remote and local alarm reporting

Options

- HD video camera (POE)
- Tamper and weather-resistant camera housings
- POE surge arrestors
- Cellular router/modem
- Network switch

Call 817-886.8210 to incorporate the x-LINK™ R into your grade crossing applications today.