

# X-LINK™ H EVENT RECORDER | ANALYZER FOR TRAFFIC

## BENEFITS

- Provides cost effective monitoring and recording of data | video at traffic signals and optional nearby interconnected grade crossings or locations
- Improves response time by generating user defined alarms that may be accessed on-site or remotely as events occur
- 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
- 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™ R installed at a preempted grade crossing
- 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



## FEATURES

- Encrypted data | video file storage
- Each unit supports up to 8 HD cameras
- User defined data management filtering
- Recordable digital and analog inputs
- 128 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
- NEMA compliant
- Remote and local connectivity of system and individual units via x-Link™ Access utility
- Collects traffic signal data from conflict monitor | malfunction management unit
- "Buy America" compliant

*x-Link™ H is the only traffic signal event recorder | analyzer that assesses preemption functionality and/or can function as a standalone monitor | analyzer at signalized intersections.*

*Call **817.886.8210** to incorporate **x-Link™ H** into your traffic applications today.*



# X-LINK™ H EVENT RECORDER | ANALYZER FOR TRAFFIC

## TECHNICAL SPECIFICATIONS

### Power

- 120 V ac (nominal)
- 89 to 135 V ac (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
- 1 RS-232 serial

### 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

- 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
- Interconnected railroad grade crossing
  - All railroad interconnection preemption circuits
  - Gates and flashing lights
  - Battery voltage levels
  - Optional user definable events

### 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

