

Cabinets for Traffic Management

344LX Cabinets

The Safetran 344LX Series of traffic control cabinets are built to the exacting standards and specifications of NYDOT, Caltrans, FHWA, and TEES. Each 344LX Cabinet feature a 19-inch EIA rack that provides ultimate ease and flexibility of traffic control component configuration.

The modular design of Econolite's Safetran 344LX Cabinet provides control of up to eight vehicle and four pedestrian phases. The 344LX Series of cabinets also meet the stringent weatherproof requirements for State of California TEES enclosures.

Econolite's Safetran 344LX Series of traffic cabinets securely houses the signal controller and other vital intersection electronic equipment that manages efficient intersection operations and traffic flow. The strict adherence to industry standards and specifications ensures the highest levels of safety for all roadway users.

Safetran
BY ECONOLITE

Key Features

- Protects technicians from accidental contact with high voltages
- Interchange standard assemblies and components easily through modular design
- Access spacious cabinet interior easily through double doors, front and back
- Secure cabinet with three-point latching system and industry standard locks





Description

The Safetran 344LX Cabinet is one of the newest in the line of Caltrans fully functional traffic controller cabinets that have put the customer and users' needs at the forefront. The 344LX Cabinet is designed specifically for Ramp Metering needs. After many years of being exposed to dangerous voltages inside of traffic control cabinets, Caltrans has answered the need to comply with stringent safety standards of the National Electrical Code (NEC) and Occupational Safety and Health Act (OSHA). As part of the new 2009 Caltrans Electrical Equipment Specification incorporating Errata 2 Caltrans has also taken into consideration the many additional uses that the modern traffic controller cabinet can be used for by enlarging the cabinet housing design to be able to accommodate the most advanced intersection management applications, such as CCTV management, Sign Controls, and Data Management.

Benefits

- Strict safety standards to protect traffic technician personnel from exposure to high voltages when working in the traffic controller environment
- Standardized cabinet housing design for multi-purpose uses
- Modularized assemblies that are interchangeable and field replaceable
- Customer specified options are available when needed
- 4 - door cabinet design for maximum accessibility to all cabinet functionality
- Completely customizable to intersection needs

Basic Specifications

- **Dimensions**
 - 67 in. H x 45 in. W x 26 in. D
- **Material**
 - Aluminum 0.125 in. (painted inside/outside)
- **Ship Weight**
 - 300 lbs (with no plug-ins or controller)

Features

- 9-switched outputs via 3 loadswitches located in the Power Distribution Assembly
- Up to 28 isolated input channels via the Input file.
- Detector input panel with terminal blocks, (panducts available)
- 208 Monitor for Watchdog functionality
- Transient Voltage and surge suppression filter
- Drawer/shelf combo
- C11 harness
- Fluorescent or LED light assemblies available.

