

# Safetran Model 344LX Cabinet



► ► The 344LX ITS cabinet is an industry standard 170/2070 style cabinet ideal for accommodating a wide variety of communications and ITS requirements.

## About the 344LX Cabinet

It is well understood that one of the most critical components of a signalized intersection is the traffic control cabinet. The traffic cabinet houses the signal controller and other vital intersection electronic equipment that manages traffic flow and ensures safety for all roadway users.

Safetran (an Econolite Group company) has provided more than three decades of leading innovation and service through close alignment with its customers and the industry. Safetran's focus, along with its people and their experience, in providing traffic management solutions for New York Department of Transportation (NYDOT), California Department of Transportation (CalTrans), Federal Highway Administration (FHWA), and Transportation Electrical Equipment Specifications (TEES) projects and standards is unequalled in the industry.

As a result, Safetran provides an ideal combination of specification- and customer-driven cabinet solutions to the traffic industry with unparalleled factory support and service.

### At A Glance

- 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

**Safetran**



## 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 NEC (National Electrical Code) and OSHA (Occupational Safety and Health Act). 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

## 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.

## 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)

