

# Safetran Hybrid S Cabinet



▷ ▷ The Hybrid "S" rack mount cabinet assembly is a versatile, easily configurable assembly that can be used for various intersection needs.

## About the Hybrid S 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

- ▷ Four doors (two front, two rear)
- ▷ Base-mounted
- ▷ Three-point locking system
- ▷ Suited for intersection controllers and accessories
- ▷ 0.125-inch thick aluminum

**Safetran**



## Description

The cabinet incorporates two standard Electronic Industries Alliance (EIA) 19" racks. The cabinet also has dual front and dual rear doors for easy access to all rack components. With the ability to mount equipment on cabinet racks on the front and back, the "S" cabinet provides total flexibility for all intersection and ITS applications.

The Hybrid "S" cabinet provides the best of both NEMA TS2 and 33X cabinet worlds by using the full functionality of a TS2 Type 1 controller in a rack mount cabinet assembly. The rack mount cabinet allows 170 users the ability to move into a more modern serial based technology while maintaining the familiar features of the existing 33X technology. Additionally, Hybrid "S" cabinet users have the ability to maintain or enhance the current level of intersection control while also being able to incorporate some not so common functionality into the same cabinet assembly eliminating the need for additional cabinets. Some examples are, back up power, communications hub, CCTV or other ITS applications. For ease of installation, the Hybrid "S" cabinet foot print is an exact match to the NEMA P cabinet.

### Cabinet configuration:

- The Hybrid "S" cabinet provides many configurations options to meet your agency's specific needs.
- 333SD cabinet shell with 8 Phases, 4 Pedestrians and 4 Overlaps; 16, 32, or 48 channels of detection or a combination of loop and video detection.

## Basic Specifications

- ▶ **Dimensions**
  - ◉ 59.93 in. H X 44 in. W x 31.5 in. D (26" at base)
- ▶ **Material**
  - ◉ Aluminum 0.125 in.
- ▶ **Ship Weight**
  - ◉ 350 lbs
- ▶ **Finishes**
  - ◉ Natural, unpainted aluminum, unless otherwise specified
- ▶ **Mounting**
  - ◉ Base-mounted — Same base configuration as a NEMA P44 cabinet with anchor bolts (optional)

