

Cabinets for Traffic Management

Hybrid S Cabinet

What, exactly, is the Hybrid S Cabinet?

Built to Caltrans 332 specifications, featuring an Electronics Industries Alliance (EIA) 19-inch rack, as well as front and rear doors, the Econolite Hybrid line of intelligent traffic control cabinets are among the most versatile traffic cabinets available. The Hybrid Series cabinets provide the best of NEMA and 33X Cabinet worlds.

Why do agencies use the Hybrid cabinet?

The Econolite Hybrid line enables 170 users to transition smoothly into a more modern and enhanced capabilities of serial-based technology traffic cabinet while maintaining the familiar features of 170 parallel technology. In addition, users can expect unparalleled levels of factory support and service.

How does the Hybrid cabinet benefit the driving public?

The Econolite Hybrid line of traffic cabinets provide the ideal combination of specification-and customer-driven cabinet solutions that ensure optimal intersection efficiency. Housing the signal controller and other vital equipment, the Hybrid Cabinets are designed to support the latest ITS and traffic control systems for the highest levels of safety for all roadway users.





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 Rackmount 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 footprint is an exact match to the NEMA P Cabinet.

Cabinet configuration:

- The Hybrid "S" Cabinet provides many configuration 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)

