

ITS Type 3 Cabinet Control System



Type 3 ITS cabinet shown with optional 2070 controller and optional termination panels (Caltrans Type 340)

Features

- Meets all Intelligent Transportation Systems (ITS) requirements
- Four doors (two front, two rear)
- Base-mount applications
- Three-point locking system
- Suited for ITS applications including intersection control
- 0.125-inch thick aluminum

Description

The Type 3 cabinet is a quad-door (two front and two back) design that allows maximum access to internal components. This cabinet provides traffic control operation for up to 28 phases and 96 inputs in either a parallel or serial operation. Lightning protection and removable terminals are provided for inputs and outputs. 170, 2070, or Advanced Traffic Controllers (ATC) are compatible with this cabinet. The Type 3 cabinet provides a large amount of space with a "P"-shaped footprint and an overall height of 66 inches. This cabinet

will easily house auxiliary equipment such as Uninterruptible Power Source (UPS) systems, radio and fiber communications devices, and video imaging equipment all in one cabinet. The rugged, durable, weather-proof architecture of the ITS cabinet has been designed to comply with the NEMA 3R rating.

Subassemblies

- Power Distribution Assembly (PDA)
- 12- and 24-VDC power supplies
- Capable of four input files
 - 12 dual slots
 - One Serial Interface Unit (SIU)

- per assembly (not included)
- 14-position output file
 - One SIU per assembly
 - One Auxiliary Monitor Unit (AMU) per assembly (not included)
- Capable of three six-position output files
 - One SIU per assembly (not included)
 - One AMU per assembly (not included)
- Modular power buses
- Modular DC and serial buses





Dimensions:	66 in. H x 44 in. W x 26 in. D
Access:	Four doors (two front, two rear)
Material:	Aluminum 0.125 in.
Ship Weight:	525 lbs
Finishes:	Anodized, bare, painted, or anti-graffiti
Mounting:	Base-mounted – 4¾ in. x 16 in. anchor bolts (optional)
Ventilation:	Pleated media fiber filter in door 100 Cubic Feet per Minute (CFM) fan with thermostatic control
Locking System:	Three-point locking system with choice of locks
Handles:	Stainless steel with padlock feature
Door Stops:	Two-position bar stops on top and bottom of each door
Rack Assembly:	Removable self-standing racks
Configuration:	Customer-specified
Police Door:	Signal on/off and flash/auto switches Auto/manual switch with police cord (optional)
Light:	Fluorescent front and/or back (optional)
Shelf-Drawer:	Slide-out shelf/drawer storage unit (optional)
Conflict Monitor:	Slot for 212-style Conflict Monitor Unit (CMU)
Flasher:	Two slots for two-circuit flashers
Components:	Each component has a system of rugged connections for removability, making replacement and servicing easy and understandable.