

340 ITS Cabinet



Cabinets

Controllers

Signals

Signs

Software

Specialty

Overview

McCain's 340 ITS Cabinet is a robust and intelligent cabinet designed to provide state-of-the-art transportation control. This cabinet meets all of the requirements developed by the American Association of State Highway and Transportation Officials (AASHTO), the Institute of Transportation Engineers (ITE), and the National Electrical Manufacturers Association (NEMA). The 340 cabinet is the largest of the ITS cabinets providing ample space for numerous applications, and convenient modularity for a flexible control system. In addition to traffic control, the 340's advanced design is applicable to many other control requirements including sign control, closed-circuit TV (CCTV), ramp meters, irrigation control, highway railroad intersection control, and high-occupancy vehicle systems.

Benefits

- Ideal for all ITS applications including traffic control
- State-of-the-art technology designed to control a variety of intelligent systems
- Large cabinet size provides ample space and safe housing for ITS assemblies
- Standard assemblies assure interchangeability between manufacturers
- Dual doors (front and back) provide easy access to the cabinet's sizeable interior

Product Description

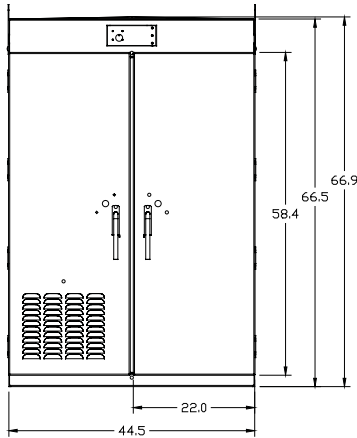
The McCain 340 ITS cabinet, based on the industry standard Electronics Industry Alliance (EIA) 19" rack, provides advanced subsystems for flexible communications and monitoring. This cabinet's modular design easily accommodates current assemblies while maintaining enough adaptability to house next generation applications and future expansions.

The cabinet features three 12-position input files, a 14-pack and a 6-pack output file all with a Serial Interface Unit (SIU). The output files also contain an Auxiliary Monitor Unit (AMU) socket.

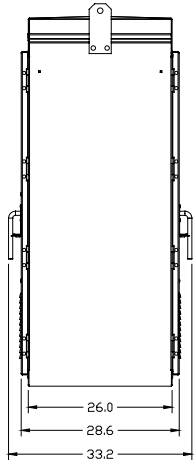
The 340 features a variety of power distribution and serial connectors throughout, facilitating a wide variety of configurations. A Power Distribution Assembly (PDA) is standard as well as a rack mount 24 VDC power supply. It also includes a 2-socket source of raw/clean AC power, an AC clean module, and a DC power & communication assembly.

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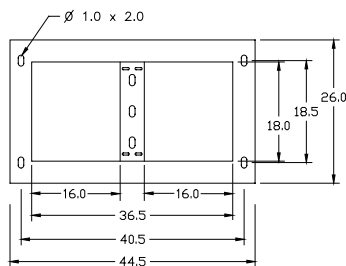
Front



Side



Base



Dimensions rounded to the nearest 0.1"

Standard Features

- Meets all requirements of the ITS cabinet standard, v01.02.17b of the joint AASHTO/ITE/NEMA committee on the ATC
- Standard 218 SIU's for input and output serial control
- Modular power, DC, and serial buses
- Fluorescent cabinet lights (2), front and back

Assemblies

- Input file (3) - 12 position with an 218 SIU socket per assembly
- Output file - 14-pack and 6-pack, with a 214 AMU socket and a 218 SIU socket
- Field output and input panels (2 each)
- Raw/clean AC power, 2 socket
- AC clean module
- 24 VDC power supply, rack mount
- DC power / communications (2) and extension (2)
- Power Distribution Assembly (PDA), 212 CMU socket
- Dual-circuit flasher positions (2)
- Service panel, AC and EG buses
- Police panel with signal "On/Off", "Auto/Flash" and "Auto/Manual" switches
- Fiber optic termination panel
- Drawers (2)
- Manual advance push button cable

General Specifications

- Dimensions: 67" H x 45" W x 26" D (rounded to the nearest inch)
- Material: 5052-H32 aluminum, 0.125" thick
- Finishes: Natural, powder coat (standard, anti-graffiti, and custom colors), anodized
- Access: Front doors (2), back doors (2), all full size
- Latching System: 3-point, choice of Corbin or Best locks
- Handles: 3/4" round, stainless steel with padlock hasp
- Door Stops: 90° and 180° ($\pm 10^\circ$), each door, top
- Rack Assembly: Removable 19" EIA racks (2)
- Ventilation: Thermostatically controlled 100 CFM fans (2)
Louvered air intake in door, pleated filter
- Mounting: Base mounted
- Shipping Weight: 450 lbs without plug-ins or controller(s)

Options

- 3/4" x 18" anchor bolts for mounting (4)

To learn more about
McCain's Integrated Traffic
Solutions, please contact
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call (760) 727-8100



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