McCAIN 342 ITS CABINET

The McCain 342 ITS Cabinet is the second largest cabinet in the ITS family. Its rugged and intelligent design provides state-of-the-art transportation control for any size intersection. The McCain 342 ITS Cabinet, patterned after the industry standard 332 controller cabinet, provides convenient modularity for a flexible control system. In addition to traffic control, the cabinet's intelligent design is compatible with many other control requirements including sign control, closed-circuit TV (CCTV), ramp meters, irrigation control, highway railroad intersection control, and high-occupancy vehicle systems.

KEY BENEFITS

- Compatible with a multitude of ITS applications including intersection control

- Controls a variety of intelligent systems with state-of-the-art technology

- Assures interchangeability between manufacturers

- Provides easy access to the cabinet's interior with full size doors (front and back)

- Upgrade existing installations matches 332 controller cabinet footprint
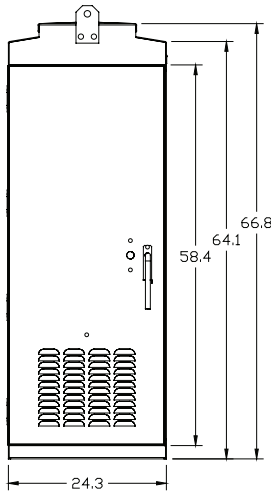
PRODUCT DESCRIPTION

The McCain 342 ITS Cabinet has a modular design which is based on the Electronics Industry Alliance (EIA) 19" rack. It easily houses current assemblies while maintaining enough adaptability to house next generation applications and future expansions.

The cabinet features two 12-position input files and a 14-pack output file all with a Serial Interface Unit (SIU). The output file also contains an Auxiliary Monitor Unit (AMU) socket.
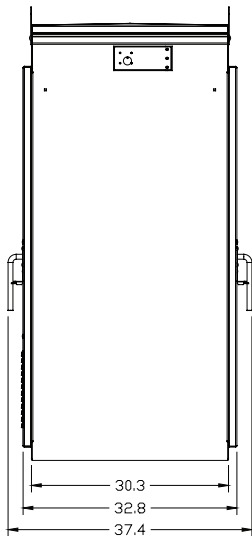
Standard with raw/clean AC power, 24 VDC power supply rack mount, and a Power Distribution Assembly (PDA), the McCain 342 ITS Cabinet facilitates a large variety of configurations. It also includes two dual-circuit flasher positions, a service panel with AC and Equipment Ground (EG) buses, and a fiber optic termination panel.
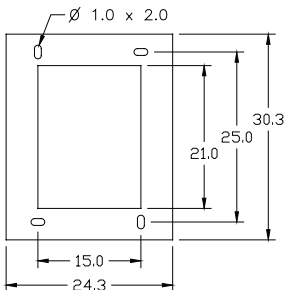
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FRONT

SIDE

BOTTOM

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 AND COMPONENTS

- Input file (2) - 12 position with a 218 SIU socket per assembly
- Output file - 14-pack with a 214 AMU socket and a 218 SIU socket
- Raw/clean AC power, 2 socket
- 24 VDC power supply, rack mount
- DC power/communication
- 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
- Drawer
- Manual advance push button cable

GENERAL SPECIFICATIONS

Dimensions[1]:	24"W x 67"H x 30"D
Material:	5052-H32 aluminum, 0.125" thick
Finishes[2]:	Natural, anodized, or powder coated
Doors:	Front door (1), back door (1), both full size
Latching System:	3-point, choice of Corbin or Best locks
Handles:	3/4" round, stainless steel with padlock hasp
Door Stops:	90° (±10°), each door, top 90° and 180° (±10°), each door, bottom
Rack Assembly:	Removable 19" EIA rack
Ventilation:	Thermostatically controlled 100 CFM fan, louvered air intake in door, pleated filter
Mounting:	Base mounted
Shipping Weight[3]:	283 lbs

OPTIONS

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

[1]Dimensions rounded to the nearest inch
[2]Powder coated options include standard, anti-graffiti, and custom colors
[3]Without plug-ins or controller

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