McCAIN 340 ITS CABINET

The McCain 340 ITS Cabinet is a robust and intelligent cabinet. Its design provides state-of-the-art transportation control, as well as, sign control, closed-circuit TV (CCTV), ramp meters, irrigation control, highway railroad intersection control, and high-occupancy vehicle systems. The McCain 340 ITS Cabinet is the largest of SWARCO McCain, Inc.'s ITS cabinets, providing ample space for numerous applications and convenient modularity for a flexible control system. The cabinet meets all the requirements set by AASHTO, ITE, and NEMA.

KEY BENEFITS

• Compatible with all ITS applications including traffic control

• Controls a variety of intelligent systems

• Offers ample space and safe housing for ITS assemblies

• Assures interchangeability between manufacturers

• Provides easy access to the cabinet's large interior
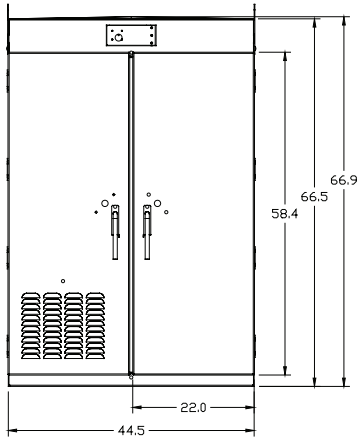
PRODUCT DESCRIPTION

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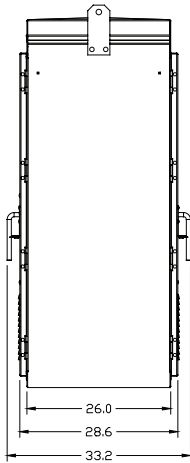
The McCain 340 ITS Cabinet features a variety of power distribution and serial connectors throughout, facilitating a wide variety of configurations. A Power Distribution Assembly (PDA) is standard as well as a rack mount 24 VDC power supply. It also includes a 2-socket source of raw/clean AC power, an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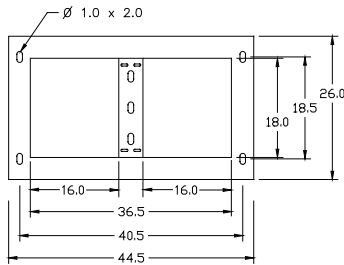
McCAIN 340 ITS CABINET

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 (3) - 12 position with a 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[1]:	45"W x 67"H x 26"D
Material:	5052-H32 aluminum, 0.125" thick
Finishes[2]:	Natural, anodized, or powder coated
Door:	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° (±10°), each door, top
Rack Assembly:	Removable 19" EIA rack (2)
Ventilation:	Thermostatically controlled 100 CFM fans (2), louvered air intake in door, pleated filter
Mounting:	Base mounted
Shipping Weight[3]:	450 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(s)

www.swarco.com/mccain

SWARCO