

# SWARCO McCain 346 ITS CABINET



The McCain 346 ITS Cabinet is a compact, rugged and intelligent cabinet designed to provide superior transportation control. The McCain 346 cabinet, patterned after the industry standard 336 controller cabinet, provides ample space for many applications and its convenient modularity provides a flexible control system. In addition to traffic control, the cabinet's 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.



## KEY BENEFITS

- Ideal for a multitude of ITS applications including intersection control
- Contains state-of-the-art technology designed to control a variety of intelligent systems
- Assure interchangeability between manufacturers
- Increases flexibility and options for intersection control with compact size
- 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

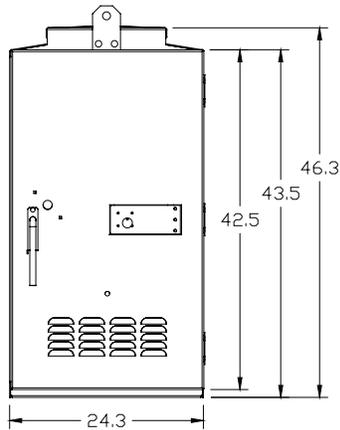
The McCain 346 ITS Cabinet is SWARCO McCain, Inc.'s most compact ITS cabinet, offering many of the same features as its larger counterparts with the added benefits of being lightweight and providing versatile mounting options. This cabinet's modular design easily accommodates current assemblies while maintaining enough adaptability to house next generation applications and future expansions.

The cabinet's strategically placed power distribution and serial connectors promote a wide range of configurations. The McCain 346 ITS Cabinet comes standard with a Power Distribution Assembly (PDA) and a rack mount 24 VDC power supply. It also includes a 2-socket source of raw/clean AC power, a service panel with AC and Equipment Ground (EG) buses, and a DC power and communication assembly.

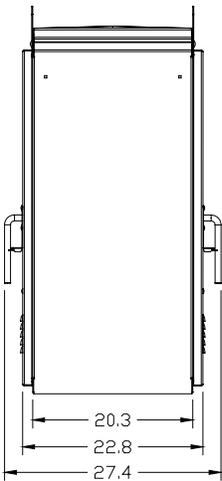
A 3-point latching system with industry standard locks on both doors allows for secure installations yet easy access for maintenance and product upgrades.

# McCain 346 ITS CABINET

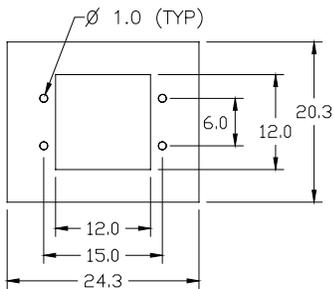
FRONT



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 - 12 position with an 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 <sup>1</sup> :	24"W x 46"H x 20"D
Material:	5052-H32 aluminum, 0.125" thick
Finishes <sup>2</sup> :	Natural, anodized, or powder coated
Door:	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° and 180° (±10°), each door, top
Rack Assembly:	Removable 19" EIA rack
Ventilation:	Thermostatically controlled 100 CFM fan, louvered air intake in door, pleated filter
Mounting:	Base, pedestal, or side of pole mounted
Shipping Weight <sup>3</sup> :	204 lbs

## OPTIONS

- Mounting equipment:
  - Anchor bolts for base mounting (4)
  - Brackets for side of pole mounting (2)
  - Plates for pedestal mounting

<sup>1</sup>Dimensions rounded to the nearest inch

<sup>2</sup>Powder coated options include standard, anti-graffiti, and custom colors

<sup>3</sup>Without plug-ins or controllers