

SWARCO

# McCain 356i ATC CABINET



McCain 356i ATC Cabinets combine the best of rack mount and serial-based designs to meet the needs of today's LED intersections. Using smarter, high-density components, the cabinets offer unparalleled control capabilities for intersections that would otherwise require unorthodox wiring or a second cabinet. Users rave about the drastically reduced assembly size leaving ample room for auxiliary equipment. With the most sold in the industry, our proven ATC Cabinets meet the needs of today's smart cities and are ready for tomorrow's challenges, including the future of connected and autonomous vehicles.



## KEY BENEFITS

- Safeguard against accidental shock from inadvertent contact with high voltages
- Comply with leading standards on electrical safety, including NEC and NFPA 70E
- Detect a dark approach for increased driver safety
- Monitor FTR and flasher continuously to ensure operability
- Upgrade existing installations - matches 336 Caltrans and ITS 346 cabinet footprints
- Connected vehicle ready

## PRODUCT DESCRIPTION

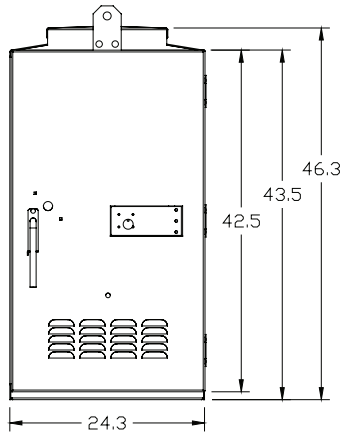
The McCain 356i ATC Cabinet's modern design and advanced safety features complement the operational capabilities of ATC controllers and aim to protect agency, personnel, and public interests. These unrivaled benefits include load current monitoring to detect a dark approach, no AC power exposed to reduce accidental contact with high voltages, and the ability to keep the intersection in flash while replacing the output assembly.

Each McCain 356i ATC Cabinet comes configured to meet individual needs using one or more input and output assemblies to provide the necessary phasing, overlaps, and channels. The cabinet can manage up to 24 detector inputs and 16-channel outputs without any complex wiring.

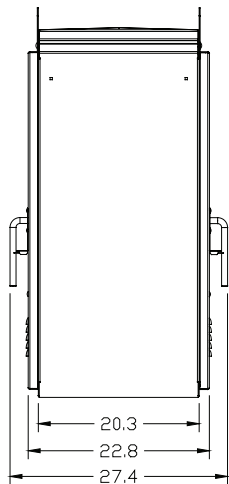
The McCain 356i ATC Cabinet offers robust functionality in a form factor that can be base, pedestal, or pole mounted.

# McCain 356i ATC CABINET

FRONT



SIDE



BOTTOM



## STANDARD FEATURES

- Field output termination assembly provides removable contact blocks for easy connections to field signal wires, sockets for flash transfer relays (FTRs), and flash program blocks (FPBs) for output channels
- All channels are flashable and programmable
- FPBs control and select the color (red, yellow, or dark) during flash
- Hermetically sealed high-density FTR features an LED indicator to visually confirm relay is operational and contacts have transferred
- Interior LED cabinet lights (2), front and back
- Model 2202 dual flasher/switch pack combination
- Exterior is continuously welded

## ASSEMBLIES AND COMPONENTS

- 24 or 48-channel input assembly
- 2 or 4-channel industry standard detection modules
- Uses industry standard input components<sup>1</sup>
- 16-channel output assembly
- 32-channel CMU
- CMU auxiliary display unit
- Model 2216-24 cabinet power supply
- DC power/communication panel assembly
- Clean AC power assembly
- Police panel with On/Off, MCE, Auto/Flash, and Interval Advance push button cable
- Slide-out drawer for storing programming blocks, plans, etc.
- Fan panel assembly

## GENERAL SPECIFICATIONS

Dimensions <sup>2</sup> :	24"W x 46"H x 20"D
Material:	5052-H32 aluminum, 0.125" thick
Finishes:	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° (±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, pole, or pedestal mounted
Shipping Weight <sup>3</sup> :	200 lbs

## OPTIONS

- 3/4" x 16" anchor bolts for mounting (4)
- Fiber Optic Termination Panel
- Garmin GPS Communication Panel
- ATC Cabinet Input Test Panel
- Cabinet Test Display
- Input File Test Card
- ATC CyberCabinet
- ATC Cabinet Alarm Panel

<sup>1</sup>Loop amplifiers, PPB, EVP, etc.  
<sup>2</sup>Dimensions rounded to the nearest inch  
<sup>3</sup>Without plug-ins or controller(s)