

SWARCO

# McCain 357i ATC CABINET



McCain 357i 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
- Accommodates pole or pedestal mount
- Upgrade existing installations - matches 337 cabinet footprints
- Connected vehicle ready

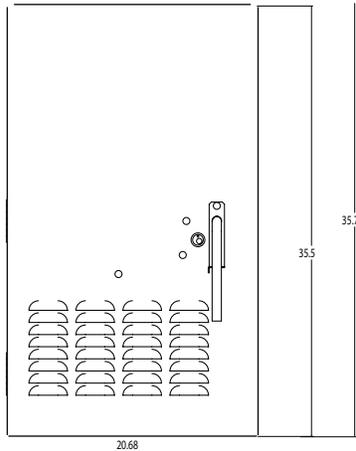
## PRODUCT DESCRIPTION

The McCain 357i 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 exposed AC power to reduce accidental contact with high voltages, and the ability to keep the intersection in flash while replacing the output assembly.

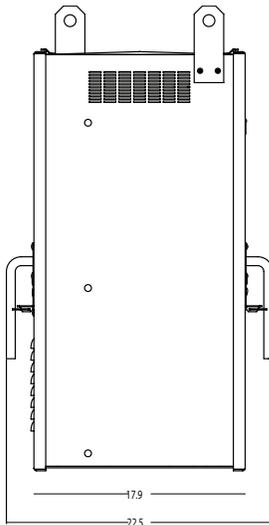
The McCain 357i ATC Cabinet can manage up to 16 detector inputs and 8-channel outputs without any complex wiring. Utilizing a combo I/O assembly, the cabinet offers robust functionality in a compact design that can be pedestal or pole mounted.

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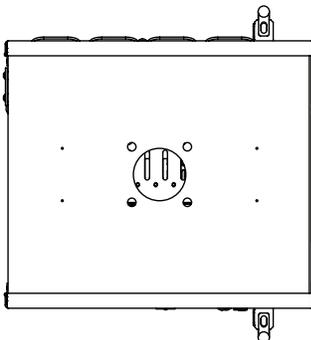
FRONT



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, front (1) and back (1)
- Model 2202 dual flasher/switch pack combination
- Exterior is continuously welded

## ASSEMBLIES AND COMPONENTS

- Combo I/O assembly with 4 fixed input slots<sup>1</sup> and 4 fixed output slots<sup>2</sup>
- 2 or 4-channel industry standard detection modules
- 32-channel CMU
- CMU auxiliary display unit
- Model 2216-24 cabinet power supply
- Service assembly with clean AC and DC power
- Police panel with On/Off, MCE, Auto/Flash, and Interval Advance Push Button Cable

## GENERAL SPECIFICATIONS

Dimensions <sup>3</sup> :	21"W x 36"H x 18"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:	19" EIA rack
Ventilation:	Thermostatically controlled 100 CFM fans (2), louvered air intake in door, pleated filter
Mounting:	Pedestal or pole mounted
Shipping Weight <sup>4</sup> :	108 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>4 inputs per detection module

<sup>2</sup>2 channels, 6 outputs per switchpack

<sup>3</sup>Dimensions rounded to the nearest inch

<sup>4</sup>Without plug-ins or controller