

SWARCO

# McCain 353i ATC CABINET



McCain 353i 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 ATC Standard 5301 V02
- Detect a dark approach for increased driver safety
- Monitor FTR and flasher continuously to ensure operability
- Upgrade existing installations - matches NEMA P/R and 333 Caltrans cabinet footprints
- Connected vehicle ready

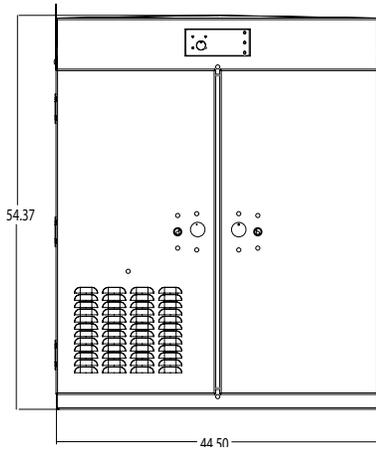
## PRODUCT DESCRIPTION

The McCain 353i 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.

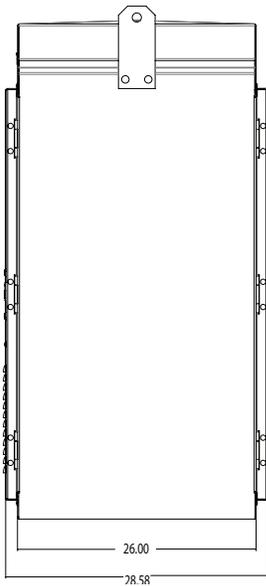
Each McCain 353i ATC Cabinet comes configured to meet individual needs using one or more input and output assemblies to provide the necessary phasing, overlaps, and channels. The cabinet can manage up to 120 detector inputs and 32-channel outputs without any complex wiring.

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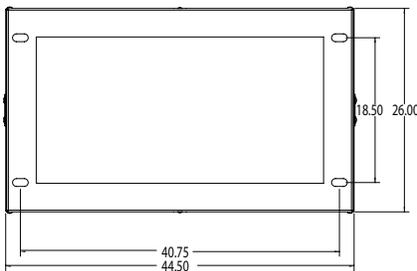
FRONT



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 (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 or 32-channel output assembly
- 32-channel CMU
- CMU auxiliary display unit
- Model 2216-24 cabinet power supply
- DC power/communication panel assembly
- Clean AC power panel 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> :	45"W x 54"H x 26"D
Material:	5052-H32 aluminum, 0.125" thick
Finishes:	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° (±10°), each door, top 90° and 180° (±10°), each door, bottom
Rack Assembly:	Removable 19" EIA rack
Ventilation:	Thermostatically controlled 100 CFM fans (2), louvered air intake in door, pleated filter
Mounting:	Base mounted
Shipping Weight <sup>3</sup> :	250 lbs

## OPTIONS

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