

# 357i ATC Cabinet

Cabinets

Controllers

Signals

Signs

Software

Specialty



## Overview

The 357i ATC Cabinet is part of McCain's revolutionary ATC cabinet series which combines the best of rack mount and serial-based designs to meet the needs of today's LED intersections. Using smarter, high-density components, ATC cabinets offer unparalleled control capabilities for intersections that would otherwise require unorthodox wiring or even a second cabinet. Users rave about the drastically reduced assembly size that leaves ample room for auxiliary equipment, such as video detection and battery backup systems. 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.

## Benefits

- Safeguards against accidental shock from inadvertent contact with high voltages
- Complies with leading standards on electrical safety, including NEC and NFPA 70E
- Allows pole or pedestal mount due to compact, lightweight design
- Ability to upgrade existing installations - matches 337 cabinet footprints
- Boosts driver safety with dark approach detection and continuous flasher monitoring
- 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. 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.

The 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.

# 357i ATC Cabinet

Front



Side



Base



*Dimensions rounded to the nearest 0.1"*

## 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 & Components

- Combo I/O assembly with:
  - 4 fixed input slots (4 inputs per detection module)
  - 4 fixed output slots (2 channels, 6 outputs per switchpack)
- 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:	36" H x 21"W x 18" D (rounded to the nearest inch)
Material:	5052-H32 aluminum, 0.125" thick
Finishes:	Natural, anodized, or powder coated
Access:	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° ( $\pm 10^\circ$ ), each door, top 90° and 180° ( $\pm 10^\circ$ ), each door, bottom
Rack Assembly:	19" EIA rack
Ventilation:	Thermostatically controlled 100 CFM fan Louvered air intake in door, pleated filter
Mounting:	Pole or pedestal mounted
Shipping Weight:	108 lbs without plug-ins or controller(s)

## Options

- Fiber optic termination panel
- 3/4" x 16" anchor bolts for mounting (4)

To learn more about  
McCain's Integrated Traffic  
Solutions, please contact  
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