

350i ATC CABINET

CABINETS

CONTROLLERS

DETECTION

PARKING

SIGNALS

SIGNS

SOFTWARE

SPECIALTY



Overview

The 350i ATC Cabinet is part of McCain's revolutionary ATC cabinet series which are built to comply with latest ATC Standard 5301 V02, making them one of the safest and most efficient cabinets on the market today. These innovative 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, 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 allows for maximum functionality while providing 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.

Benefits

- Store additional ITS equipment in spacious interior
- 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
- Allow for hot swappable output assembly for improved intersection safety
- Upgrade existing installations - matches NEMA P/R and ITS 340 cabinet footprints
- Connected vehicle ready

Product Description

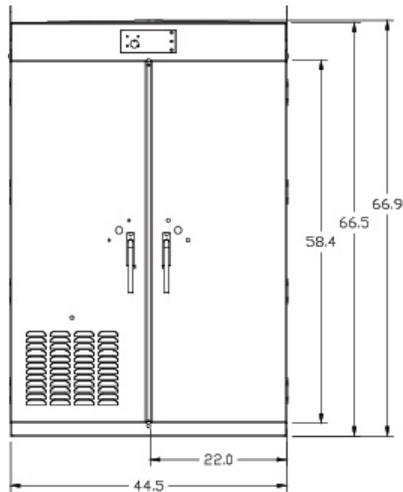
The McCain 350i ATC Cabinet's modern design and advanced safety features complement the operational capabilities of ATC controllers and aim to protect agency, personnel, and public interests. These unrivaled benefits include load current monitoring to detect a dark approach, no exposed AC power to reduce accidental contact with high voltages, and the ability to keep the intersection in flash while replacing the output assembly.

Each 350i ATC cabinet comes configured to meet individual needs using one or more input and output assemblies to provide the necessary phasing, overlaps, and channels. Maximum configuration provides 120 detector inputs and 32-channel outputs without any complex wiring.

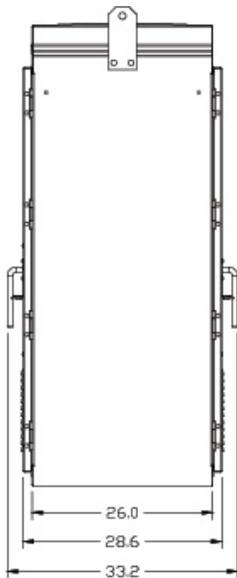
Since the compact components take up half the space (48 input channels fit in the space of the 24-channel input assembly), the large cabinet shell can easily accommodate your most complex intersection needs.

350i ATC Cabinet

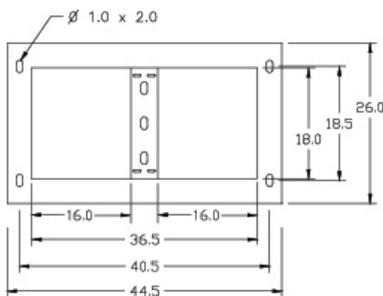
Front



Side



Bottom



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, front (2) and back (2)
- Model 2202 dual flasher/switch pack combination
- Exterior is continuously welded

Assemblies & Components

- 24 or 48-channel input assembly
- 2 or 4-channel industry standard detection modules
- 48-channel detector, PPB, EVP, etc.
- 16 or 32-channel output assembly
- 32-channel CMU
- CMU auxiliary display unit
- Model 2216-24 cabinet power supply
- DC power / communication 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

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|------------------|--|
| Dimensions: | 67" H x 45"W x 26"D (rounded to the nearest inch) |
| Material: | 5052-H32 aluminum, 0.125" thick |
| Finishes: | Natural, anodized, or powder coated |
| Doors: | 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° and 180° (±10°), each door, top |
| Rack Assembly: | Removable 19" EIA rack (2) |
| Ventilation: | Thermostatically controlled 100 CFM fans (2), louvered air intake in door, pleated filter |
| Mounting: | Base mounted |
| Shipping Weight: | 365 lbs without plug-ins or controller(s) |

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