

# 333L Cabinet



## Cabinets

Controllers

Signals

Signs

Software

Specialty

## Overview

McCain's 333L Cabinet is a unique, robust, and intelligent cabinet designed to provide state-of-the-art control in a format which combines an ITS 340-style cabinet with Caltrans approved 170/2070 electronics. This cabinet meets ITS Cabinet Requirements v01.02.17b, as well as the intent of Caltrans TEES 2009, for 33xL Cabinets. The 333L cabinet is based on the largest of the ITS cabinets providing ample space for numerous applications, and convenient modularity for a flexible control system. In addition to traffic control, the 333L's advanced design is applicable to many other control requirements including sign control, closed-circuit TV (CCTV), ramp meters, communications hubs, and high-occupancy vehicle systems.

## Benefits

- Ideal for all 170/2070 applications including traffic control, CCTV, communications hubs, and more
- Power components meet lower power specifications
- Compatible with NEMA "P" and "R" cabinet foundations
- Standard assemblies assure interchangeability between manufacturers
- Large cabinet size and a second 19" EIA rack provides additional space for UPS and ITS applications
- Double doors (front and back) provide easy access to the cabinet's large interior
- Available anti-graffiti coating reduces the effects of vandalism

## Product Description

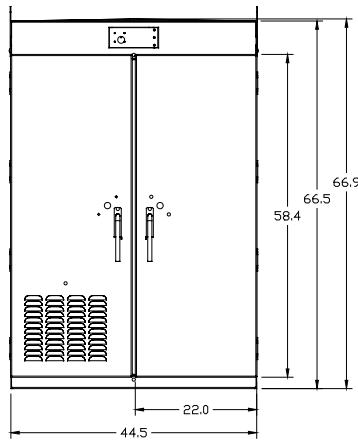
The McCain 333L cabinet, designed to accommodate 170 or 2070 controllers and cabinet assemblies and still maintain the footprint of the NEMA "P" and "R" cabinets, has two industry-standard Electronics Industry Alliance (EIA) 19" racks housed in an ITS 340-style cabinet.

The cabinet comes equipped with two 14-position input files, and a 12-position output file, offering an eight-phase, four-pedestrian operation with two right turn overlaps. Its 36 detector channel capability can be utilized with two-channel or four-channel detector modules. The 333L also features a PDA #2L Power Distribution Assembly with a solid state relay instead of a mercury contactor and a 206L switching power supply.

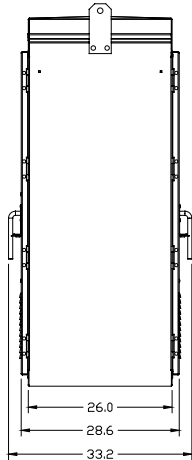
The cabinet's high-efficiency power supply saves an average of 267kWh of electricity per cabinet, per year (based on a 50% load). This green cabinet reduces energy consumption thereby saving money and minimizing your carbon footprint.

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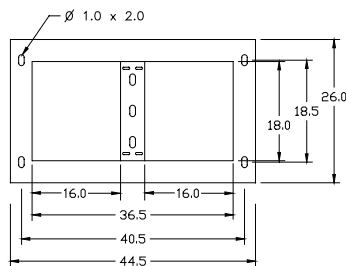
Front



Side



Base



Dimensions rounded to the nearest 0.1"

## Standard Features

- 8-phase, 4-pedestrian operation (2 right turn overlaps available)
- 36 detector channel capability (3 per left turn, 6 per through movement)
- 2-channel or 4-channel industry standard detection modules
- Railroad (2) and emergency vehicle (4) preemption inputs
- Solid state relay (SSR) (Mercury Contactor replacement)
- SSR Fault Indicator Light
- Relay safety feature interrupts 24 VDC control to the load switches if the SSR fails during a flash condition
- Programmable "Yellow/Red" or "All Red" flashes through the use of flash plugs
- DC isolation inputs for pedestrian push buttons and special functions
- 210 Signal Monitor slot
- Main power circuit breaker (30A) on service panel
- Transient voltage & surge suppression filter
- Drawer / shelf combination
- Lights, LED

## Assemblies

- 14-position input files (2)
- 12-position output file
- Model PDA-2L Power Distribution Assembly
- Model 206L power-saving, high-efficiency power supply
- Flash transfer relay sockets (4)
- Dual-circuit flasher sockets (2)
- Input panel
- Service panel
- Police panel with signal "On/Off" and "Auto/Flash" switches

## General Specifications

Dimensions:	67" H x 45" W x 26" D (rounded to the nearest inch)
Material:	5052-H32 aluminum, 0.125" thick
Finishes:	Natural, powder coat (standard, anti-graffiti, and custom colors), anodized
Access:	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 racks (2)
Ventilation:	Thermostatically controlled 100 CFM fans (2) Louvered air intake in door, pleated filter
Mounting:	Base mounted (fits NEMA standard "P" and "R" foundations)
Shipping Weight:	368 lbs without plug-ins or controller(s)

## Options

- 3/4" x 18" anchor bolts for mounting (4)

To learn more about  
McCain's Integrated Traffic  
Solutions, please contact  
[info@mccain-inc.com](mailto:info@mccain-inc.com) or  
call (760) 727-8100



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