341 Ramp Meter Cabinet

Overview

McCain's 341 Ramp Meter Cabinet is an industry standard 170/179/2070 style cabinet. Meeting all Federal Highway Administration (FHWA), Caltrans Traffic Signal Control Equipment Specifications (TSCES) where applicable, and Arizona Department of Transportation (ADOT) specifications, the quality materials used and its rugged construction make it an excellent ramp meter cabinet when dependable and low-maintenance installation is required. Its 19-inch Electronics Industry Alliance (EIA) rack and modular design allow for the easy interchange of standard assemblies and components.

Benefits

- Rugged and dependable industry standard cabinet
- Standard assemblies assure interchangeability between manufacturers
- Full size doors (front and back) provide easy access to the cabinet's large interior
- Three-point latching system with industry standard locks for maximum security
- Available anti-graffiti coating reduces the effects of vandalism

Product Description

The McCain 341 Ramp Meter Cabinet is designed to house the 170, 179, or 2070 controllers for ramp metering applications. This robust cabinet is constructed from marine-grade aluminum and is accessable via a front and back door making it durable and easily maintained. The cabinet comes equipped with an industry standard19-inch EIA rack.

This cabinet offers standard assemblies that include 14-position type "I" and "J" input files that accept two-channel or four-channel detector modules and a PDA-4 assembly that is combined with a Model 206 24 VDC power supply and four loadswitch positions.

The cabinet is secured via a three-point latching system and protected with a padlock providing secure installations and easy access for maintenance.

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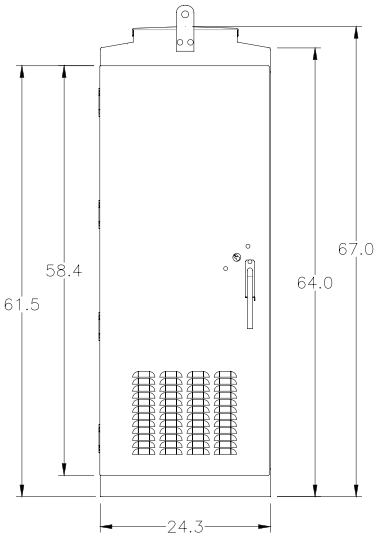
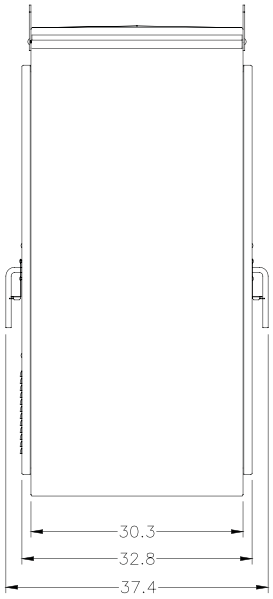
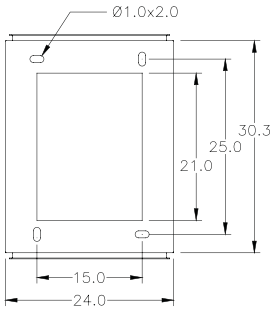
Front



Side



Base



Dimensions rounded to the nearest 0.1"

Standard Features

- 2-channel or 4-channel industry standard detection modules
- Detector input panel with terminal blocks or Panduit ducts
- 208 Watchdog timer
- Fluorescent cabinet lights (2), door switches (2)
- 30 amp main circuit breaker
- 15 amp auxiliary and equipment circuit breakers (4)
- Surge arrestor and noise filter
- Duplex receptacles (2), 20 amp
- GFI duplex receptacle, 20 amp
- Outlet strip, 6-position
- Drawer, pull out
- Shelf
- Neoprene door gaskets

Assemblies

- 14-position type "I" input file (up to 28 isolated inputs)
- 14-position type "J" input file (up to 28 isolated inputs)
- 12 AC switched outputs
- Combined PDA-4 power distribution assembly, Model 206 24 VDC plug-in power supply , 1 flasher and 4 loadswitch positions
- Service panel
- Controller shelf

General Specifications

Dimensions:	67" H x 24"W x 30" 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 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 feature
Door Stops:	90° and 180° (±10°), each door, top and 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:	225 lbs without plug-ins or controller(s)

Options

- 3/4" x 16" anchor bolts for mounting (4)
- Communication panels
- External modems
- Cabinet diagnostic kit
- Special configurations available
- Additional input files
- Underwriter's Laboratories (UL) Listing (cabinet housing)

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

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