

330 Controller Cabinet



Cabinets

Controllers

Signals

Signs

Software

Specialty

Overview

McCain's 330 Controller Cabinet is a versatile, compact, and durable cabinet with substantial rack space that can be either pole or base mounted. This cabinet meets all New York State Department of Transportation (NYSDOT) and Federal Highway Administration (FHWA) requirements. Convenient access to all interior assemblies and field terminations is through a single front door. The cabinet is compatible with 170 or 2070 controllers.

Benefits

- Versatile standard features promote maximum flexibility for intersection planning
- Standard assemblies assure interchangeability between manufacturers
- Each loadswitch position can be flash programmed for maximum flexibility with flash program blocks
- Available anti-graffiti coating reduces the effects of vandalism

Product Description

The McCain 330 Controller Cabinet is an eight vehicle, four pedestrian phase design with two overlaps. Its 14 loadswitch positions can all be programmed "Yellow/Red", "All Red", or "No Flash". The cabinet is provided with 16 detector channels (two per phase), and can be used with a two-channel or four-channel detector.

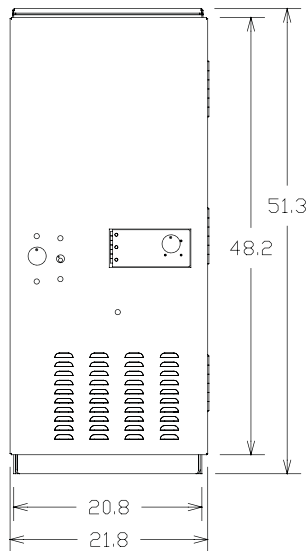
The 330 cabinet also features two railroad and four emergency vehicle preemptions and a police panel with "On/Off" and "Auto/Flash" switches. A 210 Signal Monitor slot is also provided, as well as a socket for one dual-circuit flasher and sockets for seven flash transfer relays.

The 24 VDC power supply swings out for easy maintenance and the Power Distribution Assembly (PDA) is a separate subassembly.

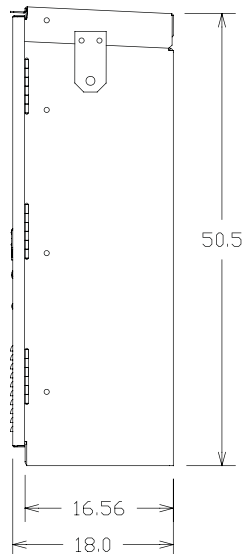
A three-point latching system with an industry standard lock on the single front door allows for secure installations yet easy access for maintenance.

330 Controller Cabinet

Front



Side



Base

Base configurations vary. For more information on base options, please contact McCain.

Dimensions rounded to the nearest 0.1"

Standard Features

- 8-phase, 4-pedestrian operation (2 overlaps)
- 16 detector channels (2 per phase)
- 2-channel or 4-channel industry standard detection modules
- Railroad preemption inputs, AC isolation (2)
- Emergency vehicle preemption inputs (4)
- DC isolation inputs for pedestrian push buttons and special functions
- Programmable "Yellow/Red", "All Red" or "No Flash" available for all loadswitch positions
- 210 Signal Monitor slot

Assemblies

- 14-position input file
- Combined 14-position loadswitch, field wire and detector termination panel
- 24 VDC power supply, swing out
- Power Distribution Assembly (PDA)
- Flash transfer relay sockets (7)
- Dual-circuit flasher position
- Police panel with signal "On/Off" and "Auto/Flash" switches
- Accepts Current Monitor Unit (CMU)
- Controller shelf

General Specifications

Dimensions: 51" H x 21" W x 18" D (rounded to the nearest inch)

Material: 5052-H32 aluminum, 0.125" and 0.188" thick

Finishes: Natural, powder coat (standard, anti-graffiti, and custom colors), anodized

Access: Front door (1), full size

Latching System: 3-point, Choice of Corbin or Best locks

Handles: Removable aluminum hex key

Door Stops: 90° and 180° ($\pm 10^\circ$) at top of door

Rack Assembly: Mounted rails (2)

Ventilation: Thermostatically controlled 100 CFM fan
Louvered air intake in door, pleated filter

Mounting: Base, pedestal, or side of pole mounting

Shipping Weight: 200 lbs without plug-ins or controller

Options

- Various base configurations
- Mounting equipment: anchor bolts for base mounting (4), brackets for side pole mounting, and hardware for pedestal mounting
- Permanent stainless steel door handle, 3/4" diameter, with padlock feature

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



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