

SWARCO SIGNS GROUND MOUNT CONTROLLER



The Signs Ground Mount Controller is part of SWARCO McCain's widely-adopted ATC eX Controller Series. Built in full compliance with the ATC 6.25 standard, the Ground Mount Controller is perfectly designed for any ATC, Caltrans, and NEMA cabinet. The rugged and powerful controller is available in shelf and rack mount versions, and it includes a host of features offering flexibility to agencies as their needs evolve.



KEY BENEFITS

- Displays multiple status screens at the same time
- Provides local remote access for technical support
- Compatible with ATC, CALTRANS and NEMA cabinets
- Creates extra space in traffic cabinet and allows for a small cabinet footprint
- Supports application software from multiple vendors

PRODUCT DESCRIPTION

The Signs Ground Mount Controller is equipped with an oversized, 16-line screen that features auto-contrast, making the screen legible in all conditions. Split-screen options allow users to view the operational status of the intersection and make timing adjustments simultaneously.

The controller's front panel design makes it easy to connect, program, and update the unit in any environment. Quick data transfers, firmware upgrades, and log retrievals can be completed via USB port directly from the front panel. Optional integrated wireless connectivity allows users to access local software through a web interface¹.

The Signs Ground Mount Controller features a robust Linux operating system and comes pre-installed with sign control software tailored to your application, enabling immediate and reliable operation. For applications including intersection control, ramp metering, arterial master, or reversible lane control, check out SWARCO McCain's Omni eX[®] Intersection Control Software².

GROUND MOUNT CONTROLLER

STANDARD FEATURES

Operating System

- Linux

Microprocessors

- Freescale PowerQUICC II Pro microprocessor

Memory

- 1GB Main Memory
- 128 MB NAND Flash
- 16 MB NOR Flash
- 2 MB SRAM

APPLICABLE STANDARDS

- NEMA TS 2-2003 v2.06
- ATC 6.25

OPTIONS

- Custom D connectors
 - ATC FLeX NEMA TS 2 Type 2 configurations³
- International Input Voltage: 190 VAC to 253 VAC, 50 Hz (± 3 Hz)

INTERFACES

Communication Interfaces

- SDLC ports (2)
- Serial (ASYNC) on front panel (3)
- ENET 1: 100 Base-T Ethernet switch, 1 uplink, and 1 additional port
- ENET 2: 100 Base-T Ethernet port dedicated for local communications
- Wi-Fi enabled (optional); uses ENET 2

Front Panel Interfaces

- Display: 16 lines x 40 characters
- Keyboard: 7 x 4 keypad (28 key)
- Datakey
- USB ports (2)
- SD Card Slot

Cabinet Interfaces

- ATC cabinets
- Caltrans cabinets
- ITS cabinets
- NEMA cabinets

SOFTWARE

SWARCO Device Manager sign software with built in Web UI.