



SC-450 System Controller

Datasheet

The **System Controller (SC) 450** provides comprehensive management of the MobileAccess System via an integrated Web GUI. The SC-450 minimizes downtime by detecting problems in real-time, and optimizes site coverage by enabling adjustment of system device parameters according to specific site conditions.

The SC-450 provides the physical interface to MobileAccess equipment and allows it to be remotely managed through a web session opened to the Controller, from any computer in the same network; no other external applications are required.

For larger systems, the SC-450 provides management to Slave controllers and their hosted devices, where the Slave controllers can be other SC-450 controllers or 410 controllers.

Features

- Operates with both the MA1000 and MA2000
- Remotely managed through a standard web browser
- Real-time monitoring, diagnostics and control
- Remote configuration and adjustment
- Direct dial-up connection to the controller - enables external PSTN connection to the system for troubleshooting or analysis
- Site elements hierarchically organized in both Topology Tree and Device View formats
- Graphical display of elements that shows the device status
- multiple security levels
- Base Line option for MobileAccess site devices that shows devices on site even if communication is lost with any of the devices
- Colored event displays indicating fault levels
- Remote configuration of external auxiliary alarm connections

Hierarchical Topology tree



Configuration pane of selected device

Auxiliary device configuration

Management and Control Interface

- Console Ethernet connection
- LAN Ethernet connection
- Local RS-232 connector for access as a slave controller
- RJ-11 PSTN connection to internal modem

Integration with MobileAccess Systems

- 16 RJ45 ports for connecting MA Base Units and RIUs
- 8 of the RJ-45 ports are software configurable for connecting to Slave controllers
- Dry-contact alarms: D-type 15-pin connector for dry-contact alarm outputs for major and minor alarms
- D-type 26-pin connector for dry-contact alarm inputs for auxiliary alarm connections

Status Displays

- LCD showing alarm messages from monitored elements
- LEDs providing information on alarms and unit status:
 - Run - controller initialization and operation status
 - PWR - power input OK
 - Major and Minor LEDs - show alarm level

SC450 Physical Specifications

- Dimensions 48.26x4.44x29.97cm
(19"x1Ux11.8")
- Weight 2.6Kg (5.8lb)

Power

- Power Supply 36 to 60 VDC; 0.2A Max
- Consumption 20W

Environmental Specifications

Temperature	
Operating	0 C to +50 C (32 F to 122 F)
Storage	-20 C to 85 C (-4 C to 185 C)
Humidity	
Operating	95% (non-condensing)
Storage	95% (non-condensing)

Standards and Approvals

US:	FCC 47CFR Part 15(B), UL 60950-1
Europe:	EN 301489, EN 60950-1
ISO:	ISO 9001: 2000 and ISO 13485: 2003

Ordering Information

Part Number	Description
SC-450	System Controller

MobileAccess, 8391 Old Courthouse Road, Suite 300, Vienna, VA 22182
 Tel: +1(866)436-9266, +1(703)848-0200 TAC: +1(800)787-1266, Fax: +1(703)848-0280

www.mobileaccess.com