Asentria® | SiteBoss® 550

S550-2

POWERFUL - FLEXIBLE EQUIPMENT & SITE SECURITY MONITORING SOLUTION

The SiteBoss 550 is a versatile and powerful system used for monitoring and control of remote equipment sites. The S550 provides remote monitoring of equipment and environmental conditions at these remote sites and forwards notification when conditions fall outside limits. On-board I/O provides Serial and Ethernet connectivity. Optional hardware adds Wireless modem and/or dialup connectivity. The S550-2 and -6 models provide two or six Expansion slots respectively to allow addition of various communications and monitoring I/O interfaces that might be desired for your specific site application.

DESCRIPTION	CODE
S550 with 2 Expansion Slots	S550-2
S550 with 6 Expansion Slots	S550-6
Extended Temperature Range	/XT*
32MB Record Storage	/32M
64MB Record Storage	/64M
AC Supply for US	/ACUS**
DC Power (20VDC to 60VDC)	/DC***
Run-time Battery (Lead Acid)	/BB***
Run-time Battery (Lithium Polymer)	/BB2***

** Standard operating temperature is 0 to +40°C. /XT option extends operating temperature to -40 to +60°C. Extended-temperature AC power supply included when ordering /AC with /XT option.*

*** For International usage you can specify /ACUK for a UK style power cord, /ACEU for a European power cord, /ACAU for an Australian power cord, or /ACJP for a Japanese style power cord.*

**** When determining your S550 configuration, you may choose either DC Power or Run-time Battery, but not both.*

HIGHLIGHTED FEATURES

- Secure access to on-site equipment interfaces
- REST API for integration into existing NOC control systems
- Web Interface GUI for easy access and control
- 2 or 6 additional slots provide flexible expansion options
- Connect up to 16 remote EventSensor™ modules to add I/O ports (See the EventSensor section for more details)
- Supports up to 384 I/O points, contacts, voltage, 4-20mA, relays, and more
- Optional external environmental sensors with individually configurable alarming functionality
- Advanced site security functionality
- Lua Scripting language
- Easy to understand MIB works well with 3rd-party SNMP ManagersCompatible with NetBoss®, ProVision®, HP Openview®, Spectrum®, InterMapper®, Nagios®, SNMPc®, Netcool®, NetkaView, Telenium™, TrapServer®, SilverStorm Technologies™, SitePortal®, SolarWinds®, and all other SNMP-based network management systems
- Send E-mail, SNMP trap, TCP/IP, or dial-out alarms
- Failover feature allows for a specified default gateway route and a failover route
- Advanced security options (SSH, SFTP, Radius)
- VLAN, SNMPv3 Sets, Gets & Traps support

IDEAL USES

The S550 can be used in remote cabinets or enclosures. This device supports remote environmental monitoring, AC and DC power monitoring, ATS, generator and fuel level monitoring, fuse panels, HVAC control, battery monitoring as well as site security monitoring with access control. The S550 can talk to other equipment using SNMP, Modbus, and XML Proxy giving a user access to equipment that is not otherwise accessible. The device also supports remote access to site equipment using networking protocols such as Telnet, Port Forwarding and Remote Desktop as well as serially.

The S550 is specifically designed to notify an SNMP software, but notifications can also be sent via Email, SMS messages, DNP3 telemetry and other customized systems using our RESTful API.

The S550 features specialized scripting and security capabilities including site entry and up to eight security cameras. Scripting (Lua) enables a user to customize monitoring capabilities. Additional security methods allow use of the S550 in the most security-conscious environments.

DEVICE SPECIFICATIONS

- Unit Width: 17.5in/44.45cm (S550-6) 11in/27.9cm (S550-2)
- Unit Depth: 7.80in/19.812cm
- Unit Height: 1.75in/4.445cm
- Unit Weight: 3-5 lbs/1.36-2.27kg
- Mounting: Shelf or 19in or 23in rack
- Power: 15VDC Desktop Supply w/IEC power cord (DC card Optional)
- DC Voltage In: 20VDC to 60VDC
- Power Usage: 5.25W(Typical), 24W(Max)
- Operating temp: 0 to 40°C standard, -40 to +60°C extended range
- Storage Temperature: -40° to 85° C
- Operating Humidity: 0 to 95% (Non-condensing)
- RoHS, CE, CSA/UL Certified
- Mean Time Between Failure: 70,000

BACK PANEL CONFIGURATION

The S550 catalog number specifies the configuration and options you want to order with your S550 unit. The catalog number lists the options in the order shown below. Items with a * are truly optional and are omitted if not desired.

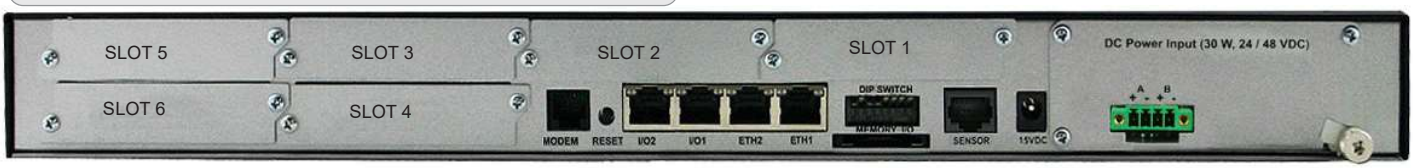
BASE UNIT + *EXTENDED TEMP + MEMORY SIZE + *MODEM + POWER SUPPLY + *EXPANSION CARDS

Base unit and base options are separated with a slash (/), then Expansion slot options are listed, separated with a dash (-). See the Expansion Cards section for more information on expansion card options. The first Expansion card listed in the catalog number goes in slot 1, the next in slot 2, and so on. Thus all of the following are valid catalog numbers:

- S550-6/32M/ACUS-8V-8R-4S
- S550-6/XT/32M/ACEU-8C-8C-4C4V
- S550-6/32M/ACUS-8V-8R
- S550-6/32M/DC-32C8V8R-SAEC
- S550-2/32M/ACUS-8C-8C
- S550-2/XT/32M/DC-8V-8R
- S550-2/32M/ACUS
- S550-2/32M/ACUS/BB-4C4V

BASE UNIT CONFIGURATION

- (2) RJ45 Serial I/O Ports
- (2) 10/100 Ethernet Ports
- 32MB Record Logging Database
- (2) or (6) Expansion Card Slots
- (1) ES/ESJ Port
- (1) MMC Memory I/O Slot
- 15VDC AC Power Jack Input



S550-6 Back Panel