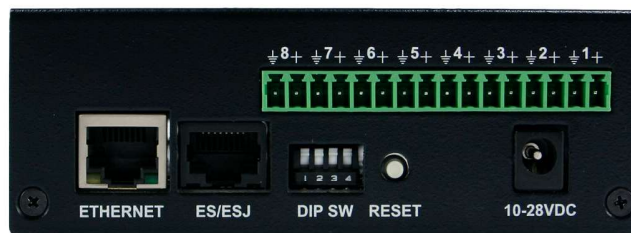# Asentria® | SiteBoss® 220 (previously S420)

S220 Back Panel

HIGHLIGHTED FEATURES

- Supports 8 on-board contact closure inputs
- (1) ES/ESJ Port
- Extended operating temperature range
- Cost effective
- Small size
- Send Email or SNMP trap alarms
- Easy to understand MIB works well with third-party SNMP Managers
- Compatible 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
- Easy to use Web Interface

DESCRIPTION	CODE
SiteBoss 220	S220
12VDC Isolated Power Supply Kit, 36-72VDC In, 15W, barrel jack power cable	5006-035***
24VDC Isolated Power Supply Kit, 36-72VDC In, 15W, barrel jack power cable	5006-034***
Barrel Plug Adapter with Screw Terminals for DC Environments	2062-305***
AC supply for US	/ACUS*
Extended temperature range	/XT**
8 Contact Closure Inputs	/8C
8 Relay Outputs	/8R
8 Voltage Inputs	/8V
8 Current Inputs	/8M
4 Contact & 4 Relay Outputs	/4C4R
4 Contact & 4 Voltage Inputs	/4C4V
4 Contact & 4 Current Inputs	/4C4M
4 Voltage & 4 Current Inputs	/4V4M
4 High-Current Contact & 4 Contact Inputs	/4CB4C

* 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.

** Standard operating temperature range is 0 to +40°C. Add /XT option for -40 to +60°C extended-temperature range.

**** The S220 is powered by DC input of 10 to 28 Volts through a barrel jack interface. For 12 or 24 volt environments a barrel jack adapter is needed, sold separately. For 48 volt environments a power supply to convert 48 volts to 12 volts and a barrel jack adapter are needed and sold separately. DC power supplies for the S220 are listed as a separate line item. AC Supplies are listed with the conventional "/ACUS" designation.

IDEAL USES

Monitoring of Server or other Remote Equipment Rooms - The S220 is a simple, small, cost-effective device for monitoring in remote equipment locations. The S220 supports remote environmental monitoring such as temperature, humidity, water, smoke, entry, motion, and airflow within remote locations through the use of a variety of external sensors. The S220 delivers alarms "in-band" via Ethernet only. The S220 is specifically designed to be integrated with an SNMP software, delivering alarms either by SNMP Trap or by polling of the S220's SNMP MIB. The S220 can also support SMTP (Email) alarms.

BACK PANEL CONFIGURATION

The S220 catalog number specifies the configuration and options you want to order with your S220 unit. The catalog number lists the options in the order shown below. Items with a * are truly optional and omitted if not desired.

BASE UNIT + I/O + *POWER SUPPLY****

Base unit and base options are separated with a slash (/). Thus the following is a valid catalog number:
- S220/8C/ACUS
- S220/8R

BASE UNIT CONFIGURATION

- (8) Contact Closure Inputs
- (1) 10/100 Ethernet Port
- (1) ES/ESJ Port
- Wall Mount Brackets

TEMPERATURE SENSORS

The S220 supports a single one wire ESJ style temperature sensor (ESJ-TA8 or ESJ-TA50). In addition the S220 can support up to 3 box style Temperature or Temperature/Humidity sensors (ES-T/ES-TH). To use (up to 3) ES and (max 1) ESJ EventSensors at the same time use the ESJ-Hub.

DEVICE SPECIFICATIONS

- Unit Width: 4.5in/11.43cm
- Unit Depth: 5.75in/14.49cm
- Unit Height: 1.75in/4.445cm
- Unit Weight: 0.9lbs/0.41kg (Dependent on configuration)
- Mounting: Shelf or Wall Mount
- Power: 10-28 VDC input range
- Power Usage: 5.25W (Typical)/ 24W(Max)
- Operating Temperature: 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 Certified

Minimal changes have been made in updating the SiteBoss 420 to the SiteBoss 220. The physical dimensions are a little larger (see "Device Specifications"), and the on-board temp sensor has been replaced by the current ES/ESJ port that can support ES-T, ES-TH, ESJ-TA8, and ESJ-TA50 EventSensors (sold separately).