



Asentria® | SiteBoss® 340



S340 Back Panel

IDEAL USES

The S340 is a high powered full function SiteBoss with a small form factor and low cost. It is a versatile and powerful system used for monitoring and control of equipment sites. It is designed for locations with Ethernet communication availability. The S340 has a built in RS-485 serial port which is ideal for monitoring and controlling Modbus capable devices using the Lua scripting language.

The S340 can be used in remote cabinets or enclosures, from small cabinet locations up to large walk-in enclosures as well as server equipment locations. This device supports environmental monitoring, power monitoring from both AC and DC sources, generator fuel levels, fuse panels, battery monitoring as well as site security monitoring with access control.

DESCRIPTION	CODE
SiteBoss 340 15VDC	S340
I/O Config: 6C, 2R	/6C2R
DC -48VDC Power Input with internal supply	/48
AC supply & US cord, 15VDC 2A (0 to 40 deg. C)*	4140-008**
Internal Expansion Card (10) Contact Closures -10C	-10C
Internal Expansion Card - (1) Wiegand, (8) Contact, (1) Relay	-1W8C1R
Internal Expansion Card - (2) Contact, (3) Voltage, (3) 4-20mA, (2) Relay	-2C3V3M2R
Internal Expansion Card - (6) Contact (4) Low Voltage Relays	-6C4R
Internal Expansion Card - (1) 5V output, (1) voltage, (1) fuel, (1) Current sensor, and (4) Form C relay	-5P1V1F1M4RC
Rack mount kit for 19" racks	5006-057
Rack mount kit for 23" racks	5006-055
S340 Wall mount bracket	5006-031
DIN Rail Mounting Adaptor	/DIN

* Needed if running on wall power

** UK Cord 4140-038, EU Cord 4140-039, AU Cord 4140-040, JP Cord 4140-041 and extended temp cord -30 to +60C 4140-009

HIGHLIGHTED FEATURES

- Based on powerful Linux operating system
- Base unit supports (1) RS-232 serial and (1) Ethernet port
- A Standard base unit has (1) RS-485 Serial Modbus port for easy integration with on site equipment.
- Specifically integrated with 3rd party sensors
- Connect up to 16 remote EventSensor™ modules to add I/O ports (See the EventSensor section for more details)
- Supports (1) Asentria Sensor port: (ES/ESJ port)
- DC power supply either -48VDC or 15VDC option
- Lua scripting language
- Easy to understand MIB works well with third-party SNMP Managers
- Compatible with NetBoss®, ProVision®, HP Openview®, Spectrum®, InterMapper®, Nagios®, SNMPc®, Netcool®, Telenium™, TrapServer®, SilverStorm Technologies™, SitePortal®, SolarWinds®, and all other SNMP-based network management systems
- Web interface for easy configuration
- Send SNMP and Email alarms

I/O BAY CONFIGURATIONS

The S340 provides 8 Input/Output points available in the specified I/O configurations.

- C - Dry Contact Closure Input
- R - Low Current Relay Output

DEVICE SPECIFICATIONS

- Unit Width: 5.25in / 13.335cm (without Mounting Bracket)
- Unit Depth: 5in / 12.17cm
- Unit Height: 1.75in / 4.445cm
- Unit Weight: 1.164lbs/ .528kg (Dependent on configuration)
- Power: 10-17VDC input range
- Power Usage: 15W(Max)
- Operating Temperature: -40° to 60°C
- Operating Humidity: 0 to 95% (Non-condensing)
- RoHS, UL Certified
- Mean Hours Between Failure: 433,000

BASE UNIT CONFIGURATION

- (1) Slot for 8 I/O points
- (1) ES/ESJ Port
- (1) USB
- (1) 10/100 Ethernet Port
- (1) RS-232 Serial Port
- DC Power Input
- (1) RS-485 Serial Port
- (1) Mezzanine card slot

INTERNAL EXPANSION CARDS

The S340 has three possible Internal Expansion cards. The expansion slot in for the S340 is not the same as for the larger Asentria Units. These expansion cards must be installed at the factory. The currently available expansion cards are:

-10C adds (10) non-isolated Contact Closures

-1W8C1R adds Wiegand Card site access reader functionality to a S340 as well as (8) non-isolated contact closures.

-2C3V3M2R adds (2) contact closures, (3) voltage inputs, (3) 4-20mA input points, as well as (2) low voltage relays

-6C4R adds (6) contact closures and (4) low current relays

-5P1V1F1M4RC adds a 5V power output to power fuel sensors, (1) Voltage input, (1) 4-20mA current sensor, and (4) form C relays

CONFIGURATION

The S340 catalog number specifies the configuration and options you want to order with your S340 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 + I/O + *POWER SUPPLY + *DIN + *EXPANSION CARD

Base unit and base options are separated with a slash (/). The following is a valid catalog number:

- S340/6C2R
- S340/6C2R/48
- S340/6C2R/48-10C
- S340/6C2R/48-2C3V3M2R