



Asentria® | SiteBoss® 350

RELIABLE MANAGEMENT FOR CRITICAL MOBILE GENERATOR AND MOBILE CELL SITES

This full featured SiteBoss was designed specifically to work with mobile generators and mobile cell sites used for disaster recovery by telecom operators. The S350 can monitor fuel levels, generator run-times, and key on-site variables.

This SiteBoss was specifically designed with a DC power input which allows the unit to run off a vehicle battery. Additionally, the S350 has a sophisticated sleep energy efficient sleep mode which prevents unnecessary battery drain.

The S350 has advanced site security and access control options. The S350 features advanced power management, a wireless modem, and an internal GPS receiver. The S350, paired with Asentria's software utility, allows reliable data transfer and the ability to locate units on a map.



S350 Front Panel

| DESCRIPTION | CODE |
|---|-----------------|
| SiteBoss 350 12VDC - 24VDC power input | S350 |
| I/O Config: 1RC, 4C, 1M, 1V, 5P | /1RC4C1M1V5P |
| I/O Config: 1RC, 1VS, 3C, 1M, 1V, 5P | /1RC1VS3C1M1V5P |
| I/O Config: 1RC, 4C, 1F, 1V, 5P | /1RC4C1F1V5P |
| I/O Config: 1RC, 1VS, 3C, 1F, 1V, 5P | /1RC1VS3C1F1V5P |
| I/O Config: 1RC, 6C, 5P | /1RC6C5P |
| Internal CAT1 Modem PTCRB (AT&T and T-Mobile) | /IML1P |
| Internal CAT1 Modem Verizon | /IML1V |
| Internal LTE Dual SIM Modem EMEA | /IMLDE |
| Internal LTE Dual SIM Modem Global | /IMLDG |
| AT&T HSPA/GPS Modem, Internal | /IMHA |
| EDGE Modem, Internal | /IME** |
| Internal Expansion Card - (10) Contact Closure | -10C |
| Internal Expansion Card - (1) Wiegand, (8) Contact Closure, (1) Relay | -1W8C1R |
| Internal Expansion Card - (2) Contact, (3) Voltage, (3) 4-20mA, (2) Low Current Relay | -2C3V3M2R |
| Internal Expansion Card - (6) Contact Closure, (4) Low Voltage Relays | -6C4R |
| Internal Expansion Card - (1) 5V, (1) voltage, (1) fuel, (1) Current sensor, and (4) Form C relay | -5P1V1F1M4RC |
| AC supply & US cord, 15VDC 2A (0 to 40 deg C) | 4140-008 |
| AC supply & US cord, 15VDC 2.6A (Ext. Temp -30 to +60C) | 4140-009* |
| Add DIN Rail Mount | /DIN |
| Rack mount kit for 19" racks | 5006-057 |
| Rack mount kit for 23" racks | 5006-055 |

* For International usage you can specify 4140-038 for a UK style power cord, 4140-039 for a European power cord, 4140-040 for an Australian power cord, or 4140-041 for a Japanese style power cord.

** The IME modem is not recommended for use in the United States

I/O BAY CONFIGURATIONS

The S350 provides 7 Input/Output points available in the specified I/O configurations. Custom configurations are available on request for special projects.

- RC - Form C Relay
- VS - Voltage Sense
- C - Dry Contact Closure Input
- M - 4-20mA Current Input
- F - Resistive Fuel Sensor
- V - Analog Voltage Input
- 5P - 5V Power (single power output terminal)

DEVICE SPECIFICATIONS

- Unit Width: 5.25in / 13.335cm (5.5in / 13.97cm with modem)
- Unit Depth: 5in / 12.17cm
- Unit Height: 1.75in / 4.445cm
- Unit Weight: 1.164lbs/528kg (Dependent on configuration)
- Voltage In: 10VDC(Min) / 28VDC(Max)
- Power Usage: 3.9W(typical) / 37.8W(max)
- Operating Temperature: -40° to 60° C
- Operating Humidity: 0 to 95% (Non-condensing)
- RoHS, CE and CSA Certified
- Mean Hours Between Failure: 400,000

BASE UNIT CONFIGURATION

- (1) On board Slot for 7 I/O points
- (1) RS-232 Serial Port
- (1) 10/100 Ethernet Port
- (1) USB port
- (1) ES/ESJ Port
- (1) Mezzanine slot
- DC Power Input

INTERNAL MODEMS

/IML1P adds Internal CAT1 Modem PTCRB, 700(B12),AWS1700(B4),1900(B2)

/IML1V adds Internal CAT1 Modem Verizon Wireless 700(B13),AWS1700(B4)

/IMLDE Dual SIM Modem for Europe, Middle East and Africa. Frequencies: LTE-TDD B38/B40/B41, LTE-FDD B1/B3/B5/B7/B8/B20, UMTS/HSPA+ B1/B5/B8, GSM/GPRS/EDGE B3/B8

/IMLDG Dual SIM Modem Global, B1 (2100),B2 (1900),B3 (1800),B4 (AWS), B7 (2600),B8 (900),B12 (700ac),B13 (700c),B18 (800lower),B19 (800 upper),B20 (800DD),B5 (850),B25 (1900),B38 (TDD 2600),B40 (TDD 2300),B26 (US 850 Ext),B28 (700 APAC),B34 (TDD 2000),B39 (TDD 1900),B41 (TDD 2500),B66 (AWS-3)

/IMHA, HSPA GSM/GPRS/EDGE: Quad band, 850/900/1800/1900MHZ, UMTS/HSPA+: Five band, 800/850/900/1900/2100MHZ

INTERNAL EXPANSION CARDS

The expansion slot in for the S350 allows for an additional 10 input/output points. These internal expansion cards must be installed at the factory.

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

-1W8C1R adds Wiegand Card site access reader functionality to a S350 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) 4-20m current sensor, and (4) form C relays

CONFIGURATION

The S350 catalog number specifies the configuration and options you want to order with your S350 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 + *MODEM + *DIN + *EXPANSION CARD

Thus the following are valid catalog numbers:

- S350/1RC1VS3C1M1V5P/IME-10C
- S350/1RC4C1F1V5P/IMHA/DIN
- S350/1RC4C1M1V5P-2C3V3M2R