



SuiteSecure[®] Controller

Model 5850 SuiteSecure Controller

General Information

The SuiteSecure Controller is used to monitor up to 1020 Suite Units (Model 5806 and/or 5806ZL). The controller contains a 3-Amp power supply/battery charger, and 7 communication ports.

Specifications

- * 32-Bit Microprocessor.
- * Monitors up to 1020 5806/5806ZL Suite Units.
- * On-Board Ethernet Port.
- * 2 RS-232C serial communication ports, each with selectable parameters.
- * 4 RS-485 communication ports.
- * 8 On-Board Zone Inputs.
- * 4 On-Board Relay Outputs.
- * 1000 event logging memory.
- * Suite units may be identified by number or by name.
- * 12 zone types, INSTANT, PANIC, FOLLOWER, etc., globally assignable to all Suite Units.
- * Can integrate with 3GS+ Database Management Software

Enclosure

- * 18-gauge sheet steel, finished in a light grey enamel.
- * Dimensions: 14 5/8"W x 17 3/8"H x 3 1/2"D.
- * Weight: 15 lbs

Outputs

- * 4 panel outputs: 4 Form "C" relays, rated at 2 amps 24 VDC resistive.

Power Supply

- * 13.6VDC float charger, capable of charging up to 1 20-amp-hour gel battery.
- * 13.6VDC 3-amp., accessory output.



Battery

- * Requires one 12-volt, 7-amp-hour minimum battery for 24-hour standby .
- * Standby load: 0.27 amps @ 12.6VDC

Transformer

- * 16-volts, 37-VA min. transformer
- * Power consumption: 0.42 amps @ 16VAC

Communications

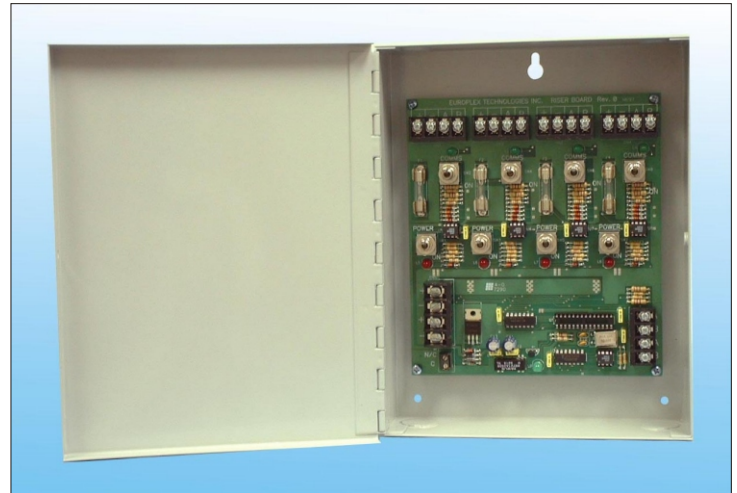
- * Each RS-485 port allows up to 255 Model 5806/5806ZL Suites to be monitored.
- * Serial Port 1 is used for on-site logging printer or DVACs.
- * Serial Port 2 is used for communication with PC.

SuiteSecure[®] Riser Box

Model 5801RB Riser Box

General Information

The Model 5801RB SuiteSecure Riser Box is used to control the power and RS-485 signals. The Model 5801RB riser box is connected to the system power supply and provides 4 switched, fused-outputs to the building risers. The RS-485 feed from the Model 5850 SuiteSecure controller is also connected to the Model 5801RB riser box and it is re-generated to provide excellent isolation from foreign voltage and ground faults, etc. The re-generated RS-485 signals are then controlled by switches to allow easier fault finding while maintaining service to the remaining risers.



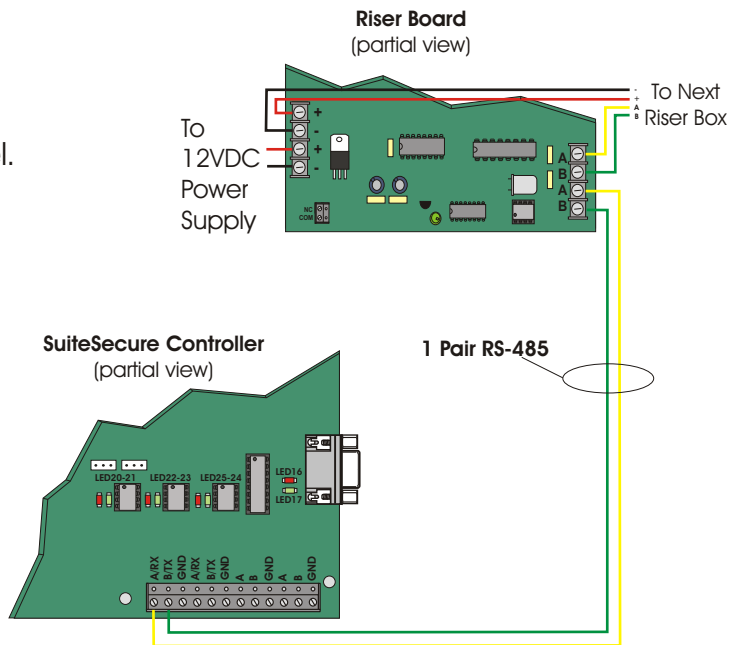
Specifications

- * Controls 4 risers.
- * Switched Power, fused at 5.0 amps per riser.
- * Switched RS-485
- * Fault status LEDs, one per riser.

Enclosure

- * 18-gauge sheet steel, finished in a light grey enamel.
- Left hinged with side-fixing screw.
- * Dimensions: 7 1/2"W x 9 1/2"H x 2"D.
- * Weight: 4 lbs

SuiteSecure RS-485 Wiring:



Product specifications subject to change without notice.

INTRAMERICA SECURITY TECHNOLOGIES CORP.

50 Venture Drive, Units 6 & 7,
Toronto, Ontario, Canada. M1B 3L6
Tel: (416) 754-4313 Fax: (416) 754-8992
Website: www.intramerica.biz



INTRAMERICA SECURITY TECHNOLOGIES LLC

885 Woodstock Road, Suite 430,
Roswell, Georgia, USA 30075-2247
Tel: (770) 643-1583 Fax: (770) 641-9166
Website: www.intramerica.biz