

Features and Benefits

- In-band or out-of-band access to remote serial equipment via Ethernet or dialup modem.
- Manage and monitor devices via two or four bidirectional RS-232 serial ports.
- Detect and trigger responses to serial alarm messages.
- Send alarms to pagers and E-mail addresses.
- Monitor up to 16 on-board dry contact closure inputs (optional).
- Connect up to 16 remote EventSensor™ modules to monitor temperature, humidity, airflow, and noise levels, plus additional dry contact closure inputs (optional).
- Detect doors and windows opening at remote sites (requires optional contact closure inputs).
- On-board temperature sensor (optional).
- Generate SNMP traps to one or more network managers.
- Compatible with HP OpenView®, Spectrum®, and all other SNMP-based network management systems.

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SNMP-Link™ Model SL61



Manage threatening conditions before they cripple your critical business operations

Now you can prevent the huge potential costs of equipment damage, data loss and facility downtime. The Omnitronix SNMP-Link Model SL61 links your network operations center (NOC) to devices and conditions in remote rooms, either on your network or out-of-band via modem. The communications and intelligence capabilities of the SL61 provide an out-of-box solution for monitoring environmental and equipment alarm status, while facilitating remote access to that equipment. You can handle problems before serious damage is done.

The SL61 expands your network monitoring capabilities immediately without custom programming. Alarms can be received and displayed on your existing SNMP management system, or you can use the AlarmManager™ software provided by Omnitronix.

Expand your monitoring capabilities beyond your current network

Serial devices, contact closure devices and environmental conditions can directly impact the operation of your facility. Yet these devices typically remain outside the scope of most monitoring systems.

Every network still has numerous serial devices that lack network capability: legacy equipment, power supplies, phone systems, etc. Now you can monitor any of them with an SL61. When these devices issue a serial string alarm, the SL61 identifies the text and carries out your assigned alarm notification using modem and network connections.

Environmental sensors detect threatening conditions, such as fires, floods or overheating, before they can destroy valuable equipment and bring your network down. The SL61 offers an on-board temperature sensor and external EventSensor™ modules that employ combinations of temperature and humidity sensors. These sensors provide a full complement of environmental

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Technical Specifications

- Dimensions: 14.25 x 1.75 x 7.80 inches (36.2 x 4.45 x 19.81 cm)
- Weight: 3 pounds (1.36 kg)
- Mounting: Shelf or tabletop; rack mount (optional)
- Power Requirements: 12 VAC Wall Transformer (-48V optional)
- Front Panel Buttons: Reset, Next, Enter
- Ethernet Status LEDs: Active, Link, Tx
- Modem Status LEDs: Active
- RS-232 Status LEDs: RX, TX, CTS2 on I/O2 only
- Sensor Alarm LEDs: Up to 16 depending upon configuration
- Other LEDs: Power
- Serial Ports: 2 or 4 DTE DB9
- Baud Rates: 2400, 4800, 9600, 19200
- Modem: Internal 33.6k Baud (optional)
- Network: 10Mb Ethernet
- On-board Temperature Sensor: +/- 1 degree C (1.8 degree F)
- Contact Inputs: 4 to 16 dry contact inputs (optional)
- Real-Time Clock: Standard
- Local Command Port: RS-232 DTE or DCE DB9
- Protocols: TCP/IP, Telnet, SNMP, FTP, SMTP
- Alarm Notification: Modem, Pager, E-mail, SNMP Trap
- Operating Temp: 0 to 40C
- Non-operating (storage) Temp: -20 to 60C
- Operating Humidity: 10 to 80%
- Non-operating (storage) Humidity: 10 to 90%
- MTBF: 691,311 hours

monitoring capabilities for your remote equipment rooms.

Contact closure alarms are easy to set up and extremely versatile. You simply run a paired wire between the SL61 contact closure inputs and any device that contains a dry contact closure output. Almost immediately you can monitor a variety of devices such as backup power, electronic equipment or outputs from machinery. Since alarms travel back through your network-enabled SL61, the system effectively incorporates out-of-band and legacy devices into your network management system.

Alarms and events can be transmitted via modem, pager, SNMP trap, or E-mail with flexible messaging capabilities. And you can utilize combinations of messages for each alarm event.

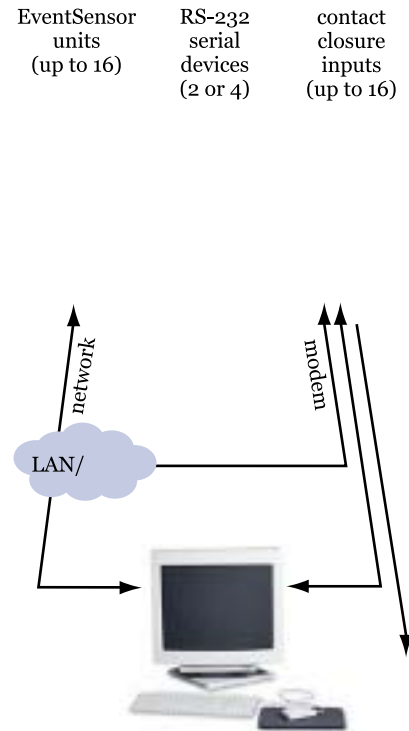
Manage and control your remote equipment

The SL61 can be used as a two port or four port terminal server. That means you can control any RS-232 device you connect to it via network or modem connection from your NOC. You can also configure the SL61 from your NOC.

Application flexibility

Advanced intelligence and communications capabilities make the SL61 adaptable to a variety of situations. For greater specialization, Omnitronix designed the SL61 to easily incorporate customized firmware modules to support special applications and functionality, and we welcome the opportunity to discuss your custom application.

Contact Omnitronix today by calling [206.624.4985](tel:206.624.4985) or see our web site at www.omnitronix.com.



EventSensor™ ES-1 through ES-5

Features and Benefits

- Compatible with any Omnitronix device supporting an OmniBus™ interface, such as SNMP-Link™ Model SL61 Remote Site Manager.
- Protect your valuable equipment from common environmental hazards.
- Detect temperature and humidity levels in sensitive equipment locations.
- Improve security at remote sites by monitoring door and window activity.
- Connect a string of daisy-chained EventSensor modules to monitor a network of rooms at great distances.
- Incorporate out-of-band and legacy equipment into your network monitoring system.
- Monitor additional sensor hardware using EventSensor contact closure inputs.
- Up to 16 EventSensor modules can be linked and powered together on one or more chains using slightly modified RJ11 phone cables.
- EventSensor modules are available in several standard configurations. Choose a configuration that best suits your application.



EventSensor modules stretch into remote rooms to monitor devices and environmental conditions. They enhance the monitoring capabilities of complementary Omnitronix products, such as the SNMP-Link Model SL61 (above left). See page 2 for the configurations of ES-1 through ES-5.

Protect your critical equipment in local and remote sites

Don't wait for equipment failure to provide the clue that something is wrong. Omnitronix EventSensor modules can warn you *before* harm is done to your valuable equipment by expanding the locations and conditions you can monitor. EventSensor ES-1 through ES-5 are modular, self-contained devices that employ contact closure inputs and environmental sensors to monitor devices and physical conditions. They help protect your local or remote servers, phone systems and critical data from a variety of threats, especially in unmanned rooms and after work hours.

EventSensor modules enhance the monitoring capabilities of complementary Omnitronix products, such as the SNMP-Link, which monitor the EventSensor units and transmit alarm messages via modem, pager or network to your network management software. The SNMP-Link Remote Site Manager powers up to 16 EventSensor modules that connect in daisy chains from specialized OmniBus ports.

Environmental sensors warn you of fires, floods or overheating

You can specify EventSensor modules with configurations that employ temperature and humidity sensors. Combinations of these sensors can recognize a variety of potential hazards.

Contact closures multiply your device-monitoring capabilities

Contact closure alarms are easy to set up and extremely versatile. You simply run a paired wire between EventSensor modules and any device that contains a dry contact closure output. Almost immediately you can monitor devices

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Technical Specifications

- Dimensions: 3.0 x 4.50 x 1.0 inches (7.62 x 11.4 x 2.54 cm)
- Temperature Sensor: 0 to 50 degree C (32 to 140 degree F) range; two high/two low thresholds; +/- 1 degree C (1.8 degree F) accuracy
- Humidity Sensor: 20-80% range; high/low thresholds; +/- 3% accuracy
- Contact Closures: 8 contact closure inputs per EventSensor module; open/close
- Power: SNMP-Link Model SL61 can drive up to 16 EventSensor modules
- Connections: 4-pin connector between EventSensor and OmniBus™; 4 EventSensor ports; up to 16 EventSensor modules connected in series
- Cable Lengths: up to 100 feet of cable between daisy-chained EventSensor modules

such as backup power, electronic equipment or outputs from machinery. Since alarms travel back to your network, the system effectively incorporates out-of-band and legacy devices into your management system.

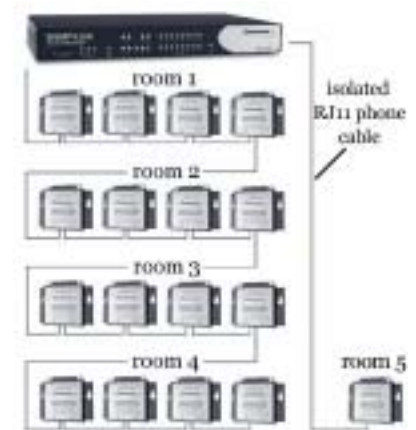
EventSensor Configurations

<i>Product ID</i>	<i>Sensor Features</i>
EventSensor ES-1	8 Contact Closure Inputs (CC)
EventSensor ES-2	Temperature Sensor (temp)
EventSensor ES-3	Temp/8 CC
EventSensor ES-4	Temp/Humidity
EventSensor ES-5	Temp/Humidity/8 CC

Stretching into remote rooms

EventSensor modules extend into remote rooms, so you can monitor significant floor space with just one SNMP-Link SL61.

Any Omnitronix product featuring an OmniBus interface can power up to 16 EventSensor modules (see diagram). EventSensor modules can reach into remote rooms via daisy chains on modified RJ11 phone cables, so your wiring is quick, convenient and remarkably inexpensive.



Mount them anywhere you keep valuable equipment

EventSensor modules mount quickly onto walls, equipment racks, or virtually anywhere. You can mount them with screws or Velcro. They are small enough to fit into compact spaces.



Front View



Side View

Europe: contact Ubizen AETHIS today by calling + 32 10 456 130 or see our web site www.omnitronix.com.

