Features

- Remotemanagement (monitor/control) of a UPS by providing Web server and SNMP agent on 32bit+Linux platform
- Communicates with a UPS via RS232 and with network via 10/100Base-T Ethernet
- Supports UPS MIB andMIB II
- Supports various commercial NMS
- Easy-to-use UPS management through Web interface
- Multi-language support on the Web interface
- Supports event logging and Email/SNMP trap notification for management purposes
- Supports strong security checks
- Maximumflexibility for user customization
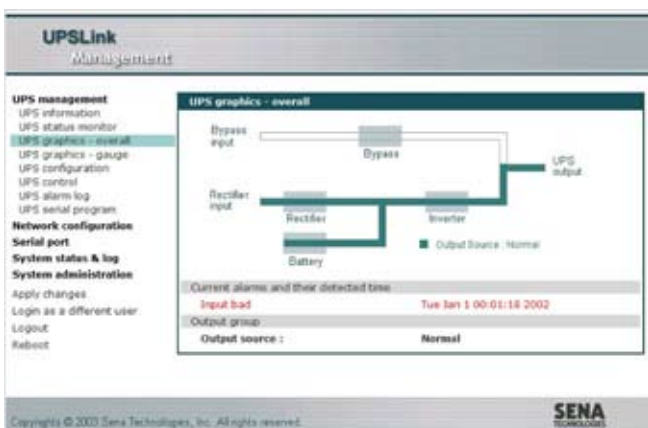- Windows-based application to detect and configure the UPSLink

The Rhio232, is an accessory card that enables a UPS to be managed on the network through its serial port. The UPSLink has an embedded Web server and SNMP agent that encompasses the UPSMIB (RFC1628) and MIB II (RFC1213).

Various configuration interfaces such as Telnet, Web and serial console are provided within the UPSLink. The easy-to-use Web interface exports useful management interface to monitor and control a UPS which includes graphical representation of the UPS operation status and gauges.

User ID/ password and IP filtering provides secured access to the UPS serial port. Alarm messages from a UPS are logged either inside memory space or to outside NFS or SYSLOG server. The alarms are notified through either E-mail or SNMP trap.

The powerful 32-bit processor, open Linux platform gives maximum flexibility for the user customizations. Users can implant an application that accommodates a specific UPS serial protocol. They could change some features of the Web interface. A development environment and template codes are provided to help customization process. A user-customized code could be easily uploaded to the UPSLink through the Web interface.

The UPSLink truly widens the connectivity and the manageability of a UPS. It is ready-to-use solution meeting all the usersÕ needs for the UPSmanagement over the network.

SENA
www.sena.com

UPSLink100

Specifications

Serial Interface
- Connector : DB9
- Speed : 1200bps to 230Kbps
- Flow control : Software(Xon/Xoff) and Hardware(RTS/CTS)
Signals: RS232 Rx, Tx, RTS, CTS, DTR, DSR, GND

Network Interface
- 10/100 BaseT , RJ45
- Supports static and dynamic IP assignment

Protocols
- ARP, IP/ICMP, TCP, UDP
- Telnet , HTTP, HTTPS
- DNS, Dynamic DNS
- DHCP Client, PPPoE
- SNMP v1 & v2c (RFC1628 & MIB II)
- NTP
- SMTP, SMTP with authenticat ion, POP-before-SMTP
- MIB
- MIB II (RFC 1213)
- UPS MIB (RFC 1628)

Security
- User ID & Password
- Three user groups with different privilege
- IP filtering

Management
- Web, Telnet, Serial console port, HelloDevice manager
- System information
- General status informat ion
- Message logging and delivery
- Up to 100 messages on the internal memory space
- Unlimited number of messages on other storage devices
- E-mail delivery of the logged messages

Diagnostic LED
- Power
- Ready
- 10/100 BaseT : Link, Act
- Serial Rx/Tx

Power
- Supply voltage : 5VDC
- Supply current : 1.5A@5V

Environmental
- Operating temperature :
  0˚C to 55˚C
- Storage temperature :
  -20˚C to 66˚C
- Humidity :
  90% Non-condensing

Physical properties
- Dimension (L x W x H)
  100 x 72 x 25 (mm)
  3.9 x 2.8 x 1.0 (in.)

Approvals
- FCC, CE, MIC

Warranty
- 5-year limited warranty

Ordering Information

UPSLink100   UPS Web/SNMP Card

Includes
- CD-ROM for software and manuals
- Serial console cable
- Power cable
- (Optional) CD-ROMs for development platform of embedded applications

For more information, please visit us at http://www.sena.com

U.S. / Canada / South America
Tel : +1 (408) 573-7425   Fax : +1 (408) 907-3738
Toll Free (US/Canada) : 1-8668-US-SENA (1-866-887-7362)

EU / Africa
Tel : +33 (0) 1 53 53 16 29   Fax : +33 (0) 1 70 24 70 90

Asia / Pacific
Tel : +82-2-571-8283   Fax : +82-2-573-7710

Contact us via E-mail
General Information : info@sena.com
Sales & Distribution : sales@sena.com
Technical Support : support@sena.com

SENA
www.sena.com