

UPS MANAGEMENT HARDWARE

SNMP Adapter

SNMP/HTTP Adapter

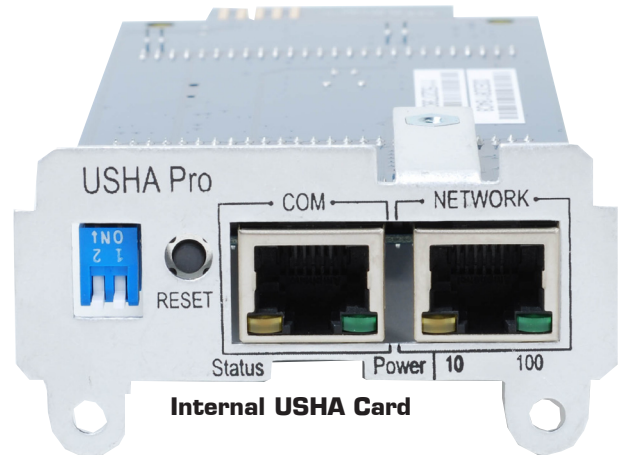
CT-09A1, DT-09A1, SP-09A2, SP-09G, SPD-09A2
or SPO-09A2 (Internal)
CT-09H, DT-09H or SP-09H (External)

Features:

SMART UPS SNMP HTTP ADAPTER
SNMP over UDP/IP HTTP over TCP/IP
ARP, RARP, TFTP and ICMP

The optional SNMP/HTTP card functions as an SNMP agent and includes an embedded HTTP server (web server). This means that one industry standard management tool can be used to monitor and control all your UPS systems from one central location, and power management can now be integrated into your existing network or building management strategy. Alarms ('traps') can be configured to ensure automatic notification of events such as low battery, power outage or overload. MIBs are included with the product for integration into your system management software.

Control and management functions are also available through any standard web browser (e.g. Internet Explorer, Netscape or Opera). Simply point your browser to the network address assigned to the card, and the embedded web server returns web pages providing access to monitor or control all system parameters. The easy-to-use browser interface with online help means that minimum training is required to enable staff to effectively manage the UPS and protected devices. A sophisticated Java applet provides full system monitoring in real time, along with comprehensive event and history logs.



Internal USHA Card

FEATURES:

- ✓ Configurable from serial port or web browser
- ✓ Management from SNMP manager or web browser
- ✓ Supports standard UPS MIB
- ✓ Firmware upgrades by TFTP via serial port
- ✓ Full-featured GUI runs in web browser
- ✓ Accessible from any workstation on the network using SNMP/HTTP, regardless of OS via standard browser
- ✓ UPS Shutdown warning broadcast capability
- ✓ Realtime monitoring of all functions
- ✓ Full history logs
- ✓ Scheduling functions
- ✓ Supports: Linux, Novell, SCO Unix 5.x, SCO Unixware 7.x, Solaris (x86) and Windows 2000, Me, XP, HP-UX, IBM-AIX, FreeBSD and other Linux derived Operating Systems
- ✓ Supports Environmental Monitoring Device (EMD) that provides temperature and humidity sensing. Additional detection or sensing of motion, smoke, security devices, water sensor or vibration sensors is also supported.
- ✓ Certifications: CE, FCC Class B

Where Power is a way of life

Specifications subject to change without notice

UPS MANAGEMENT HARDWARE

ELARY
The Continuous Power Company™

Industrial
Commercial

SNMP Specifications

Power Input DC	8V USHA internal 15V USHA external, DC power Module
Power Consumption	3 watts
Operating Environment	Humidity: 10 to 80% Non-condensing Temperature: 0°C to 40°C
Regulatory Approval	FCC Class B, CE Class B
Warranty	2 Years



External USHA Pro II front/back views

SNMP Functional Information

Network Interface	One RJ-45 connector for 10Mb BASE-T Ethernet connection.
HTTP/HTTPS	Supports HTTP Protocol. Remotely monitor or manage UPS through Windows Internet Explorer or Netscape browsers.
SNMP	Supports SNMP Protocol. Centralized monitoring and management of the UPS can be accomplished by a Network Management System such as HP Openview.
Java Applet	Provides "Real Time" UPS status and data graphical format. Can be activated through selected browser for Real-time UPS status monitoring with graphical data.
TELNET	Provides alternative method for configuration of the UPS including automatic log-out function for additional security.
E-mail Notification	E-mail can be sent to the administrator or to pre-defined designated users based on mail configuration parameters.
Mobile Phone	With WAP support, administrator can either browse the UPS information or receive the UPS event short message (SMS) notification on users Cellular Phone.
PDA	Users can also browse UPS status and receive event status.
Language	Supports both English and simplified traditional Chinese.
Firmware Upgrades	Under the Windows environment, utilizing proprietary utility software, users can upgrade SNMP adapters internal firmware.
UPS Status Information	<p>SNMP: Notify multiple hosts and pre-define the recipients for any warning messages.</p> <p>Java applet: Notify the administrator when their is a power event via pop-up dialog box at specified user terminals.</p> <p>Shutdown Daemon: Notifies of power event to those servers or workstations (maximum of 72 stations) of the power event and starts the shutdown procedure to those systems that have the appropriate shutdown software installed.</p>
Intelligent Shutdown Services	<p>Schedule: Ups can be shutdown on a pre-defined weekly schedule.</p> <p>Special day Schedule: UPS can be shutdown on a pre-defined date and time.</p> <p>Manual: Ups can be set to "Sleep" Mode or to "Turn off" the UPS.</p> <p>Unattended: When there is a utility power event, warnings/shutdown messages can be immediately sent to pre-defined users.</p>

Specifications subject to change without notice.