PN9108U
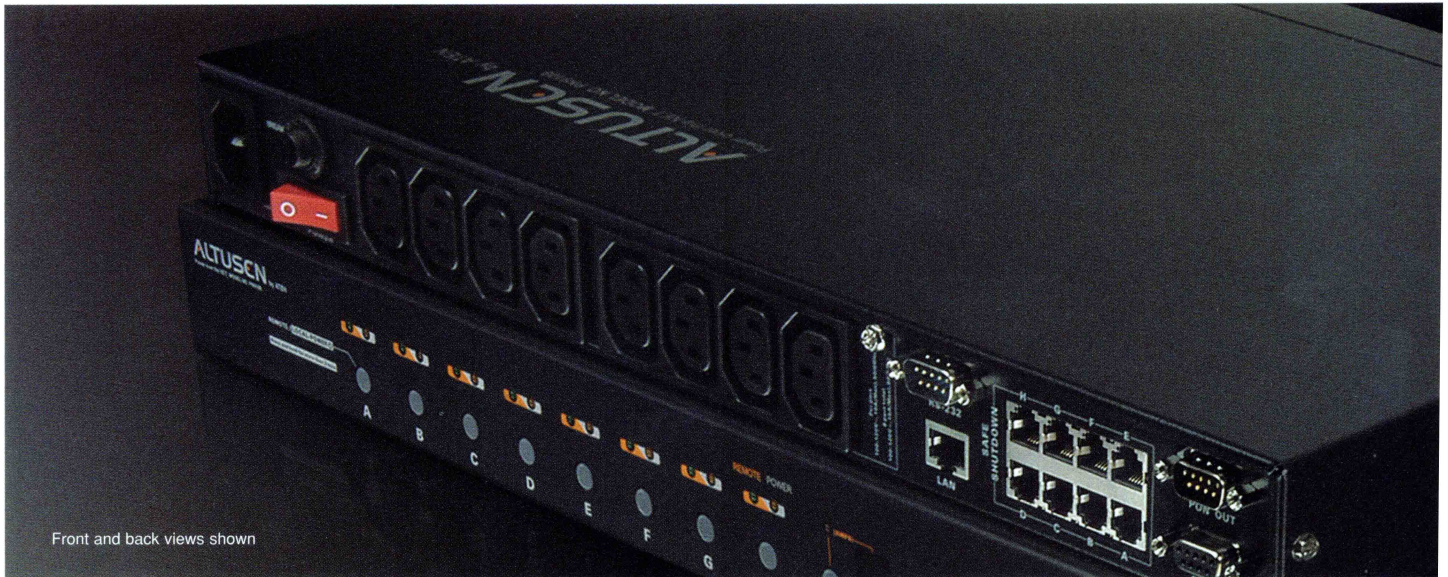## Power Over the NET™
with extendable front panel

Front and back views shown

Introduction

The PN9108U Power Over the Net is a control unit that provides remote power management for eight AC outlets via a TCP/IP connection, allowing administrators to control the power off, power on, and reboot status for each attached device from any computer connected to the Internet, whether down the hall, or half way around the world.

The power status of each outlet can be set individually, allowing users to establish off/on/reboot schedules for each device. Up to 15 additional PN9108U stations can be daisy-chained down from the original PN9108U, providing remote power management for up to 128 devices. Installation and operation is fast and easy: plugging cables into their appropriate ports and simple GUI management is all that is entailed.

The PN9108U's firmware is upgradeable over the Net, so you can stay current with the latest improvements simply by downloading updates from our website.

With its advanced features and ease of operation, the PN9108U is the most convenient, most reliable, and most cost effective way to remotely manage power access for multiple computer installations.

Features

- Network remote power off/on/reboot control via TCP/IP 10/100 Ethernet port
- Local turn on/off control by pressing the Direct Access button manually for each
- Switches between the local control and remote control by pressing the Direct Access button manually for each port
- Extendable front panel
- Friendly browser based user interface
- 3 methods of configuration/management provided – Browser, Telnet, or Console Terminal
- Power on sequence setting function – set a reboot priority schedule and de interval to avoid overloading the electrical input circuit
- Safe shutdown/reboot setting function provided via the additional COM por connection with the NT/2000/XP system.
- Cumulative load measurement – allow remote user to access the load information in amperes over an IP connection
- Provides input and output over current protection for each outlet with electr monitoring via browser interface
- On/off scheduling function – Schedule function provided for a one-time shutdown action at any particular time, and a daily shutdown/restart or restart/shutdown action at any particular time of a week
- Port grouping function – Operation may be issued to all ports in the named group with one easy command sequence (4 group, 1 all)
- 2-level security with automatic timeout feature
- Firmware upgradeable through Flash ROM
- 3-year product warranty

Accessories

- ATEN model 2LPN006, Power Over the NET Power Cable (see page 35)

Manage your distributed power systems remotely to reboot locked applications & limit down time

ALTUSEN
Connect Without Limits™   by ATEN

i-TECH COMPANY
RACKMOUNT SOLUTION

PN9108U in a rack environment.
Front panel extends for ease of use and accessability.

Specifications

Power Inlet	1 x IEC 60320/C14 (M)
Power Outlets	8 x IEC 60320/C13 (F)
Input / Output Current	100-120V, 50/60Hz, 15A , 220-240V, 50/60Hz, 10A (total in
Capacity	Daisy Chain up to 128 computers
Safe Shutdown ports	8 x 6-Pin RJ-11 (F)
Switches	
Outlet On/Off	8 x Push Button
Remote On/Off	8 x Push Button
Sta. ID Display	1 x Push Button
LEDs	
On Line	8 x green @ front
Power On	1 x blue @ front
Remote	8 x orange @ front
10/100 Mbps	1 x green/orange @ front
Link	1 x green @ front
Station ID	2 x yellow (7-segment) @ front
Dimensions	
Height, Length, Width	1.8 in. (44.5 mm), 17 in. (432.4 mm), 9.8 in. (249.9
LAN Connection	1 x RJ-45 (F) @ rear
Power Switch	1 x rocker @ rear
Daisy-Chain	Chain In: 1 x DB-9 (F) @ rear;
	Chain Out: 1 x DB-9 (M) @ rear
Reset Switch	1 x semi hidden style @ front
Power Connections	Outlet: 8 x IEC 60320/C13(F) @ rear; Inlet: 1 x IEC
	60320/C14(M) @ rear
Power Consumption (no load)	120V; 60Hz; / 230V; 50Hz; 16W
Power Consumption (max load)	120V; 60Hz; 1800W / 230V; 50Hz; 2300W
Weight	9.26 Lbs (4.2 kg)

Configuration

The basic configuration of the PN9108U is very simple. First, ensure that all products connecting to the Power Over the Net device are turned off. Utilizing the IEC Power Cables provided, connect the computers to the outlets.

For local access simply utilize the RS-232 port to communicate to a local computer, or utilize it to communicate with a peripheral device such as a UPS.

The PN9108U can be daisy-chained up to a total capacity of 15 units or 128 servers for a scalable solution.

The RJ-45 remote console port provides IP Based, remote, access to the unit and attached components. The Safe Shutdown Ports allow administrators to utilize the Safe Shutdown cables to communicate with the attached devices to ensure the safe and graceful shutdown of the attached device (This feature is supported for computers running Windows 98SE, ME, NT, 2000, XP and 2003 Server).

To access the PN9108U through TCP/IP or Internet, simply load your browser and launch the Windows/Java Client from within the browser to access your PN9108U remotely.

Package Contents

• (1) PN9108U Unit
• (1) PN9108U to AC Power Source Cable
• (1) PN9108U to Computer Power Cable
• (8) Safe Shutdown Cables
• (1) PON Cable (DB9F to DB9M)
• (1) Software CD
• (1) User Manual
• (1) Quick Start Guide
• (1) Warranty/Registration Card

Port LEDs   Station ID

ALTUSEN   07

Power Control Buttons

Power Socket   AC Power Outlets   RJ-45 Port   Safe Shutdown Ports

PN9108U

Control up to 8 computers remote

CAT5e cable
(not supplied with PN9108U)

Remote Console   TCP / IP NETWORK

Connect PN9108U via CAT5 Port using RJ-45 to the LAN / WAN or internet - which will enable access by remote PC