ALTUSCN™
Enterprise KVM Solutions by ATEN

PN0108 Power over the NET Quick Start Guide

This product is RoHS compliant **PAPE-1214-I00G Printing Date: 12/2010**

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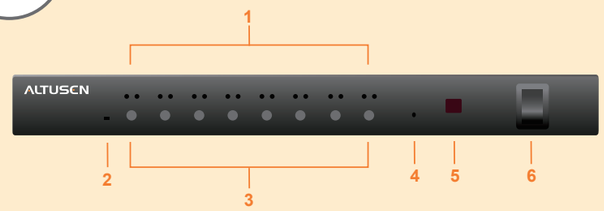
These instructions show how to install the PN0108 Power over the NET.
For detailed information, refer to the user manual included in the kit.

1 Package Contents

The complete package consists of:

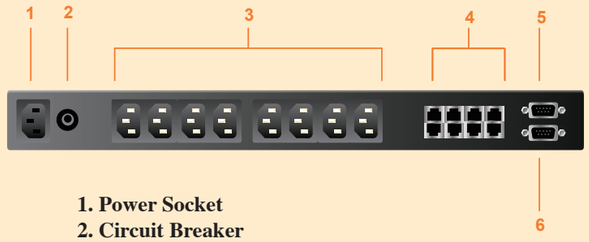
- 1 PN0108 Station
- 1 AC Source Power Cord
- 8 Power Outlet Power Cord
- 8 Safe Shutdown Cables
- 1 PON Cable (DB9 F to DB9 M)
- 1 User Manual
- 1 Quick start guide
- 1 Rack Mount Kit (Brackets and Phillips head hex M3 x 8 screws)
- 4 Foot Pads
- 1 Software CD

2 The PN0108 (Front View)



1. Port LEDs
2. Firmware Upgrade Switch
3. Power Control Buttons
4. Reset Switch
5. Station ID LED
6. Power Switch

3 The PN0108 (Rear View)



1. Power Socket
2. Circuit Breaker
3. AC Power Outlets
4. Safe Shutdown Ports
5. PON (Power over the NET) Output Port
6. PON (Power over the NET) Input Port

4 Single Stage Installation

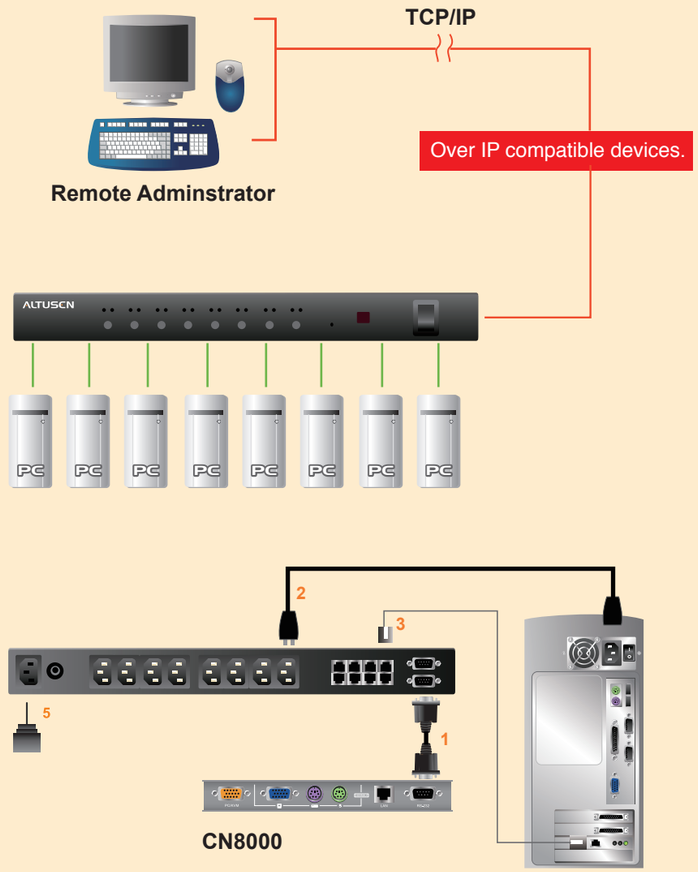
To set up a single stage installation, refer to the installation diagram below and do the following:

1. Use the PON cable that was provided with this package to connect the PN0108's PON IN port to the PON port of the device you are connecting it to .

2. For each device, use an AC Output cable to connect from any available PN0108 output port to the device's AC socket.

4-1 Single Stage Installation

3. For Windows XP, 2000, Vista, and Windows Server 2003 systems, for each computer use a Safe Shutdown cable to connect from the PN0108's Safe Shutdown port to the computer's Serial port.
   Note: This step is optional.
4. You must connect the computer to the same letter designation for both the AC Outlet and Safe Shutdown ports.
5. Use the AC power cord provided with this package to connect the PN0108's Power Socket to an AC power source.
6. Turn on the PN0108.
7. Turn on the devices.



5 Daisy Chaining Installation

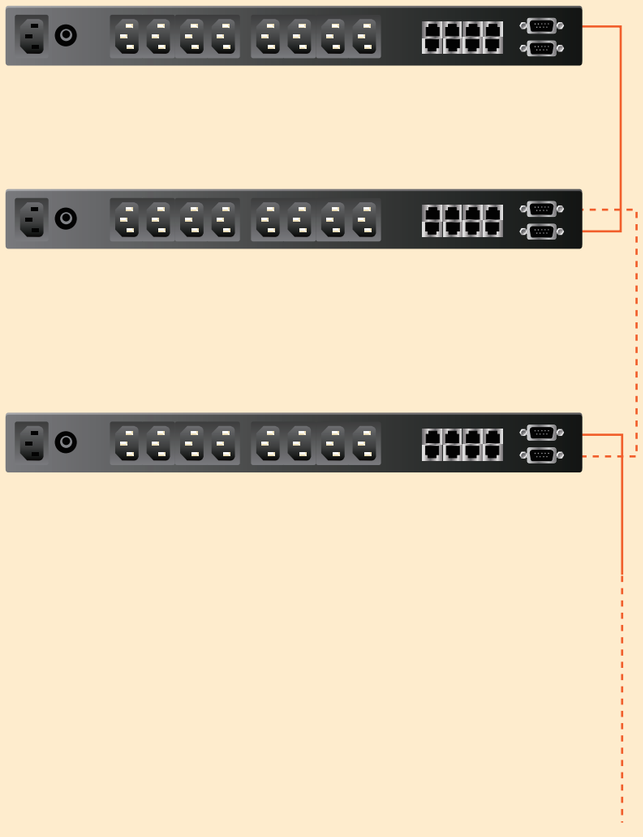
To manage even more devices, up to 15 additional PN0108s can be daisy chained down from the top level unit. Up to 128 devices can be managed on a complete installation. To set up a daisy chained installation do the following:

1. For each PN0108 that you add to the chain, use the DB-9 to DB-9 PON cable that was provided with it to connect the parent PN0108's PON OUT port to the child PN0108's PON IN port.

2. Power up the daisy chained PN0108s in sequence starting with the highest level parent and working down. In each case, wait for the PN0108's Station ID to be ascertained and displayed on the Station ID LED before powering on the next unit.

The Station ID for First Stage unit is 01; the ID for the Second Stage unit is 02, etc.

3. After all the PN0108s are up, power on the devices.

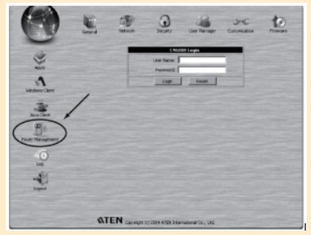


6 Browser operation

Logging In:
Remote operation of the PN0108 is browser based. For example purposes, we will access a PN0108 connected to a CN8000 KVM on the NET module or other Over IP compatible devices.

1. In the browser's URL location bar, specify the IP address of the CN8000 that the PN0108 you want to access is connected to.
   Note: If you don't know the IP address, get it from the CN8000 administrator.

2. A Security Alert dialog box appears. Accept the certificate. The CN8000 login page appears



After you have successfully logged in, Click the Power Management icon.

3. A File Download dialog box comes up asking what you want to do with the PowerMan.jar file. You can either run it from your browser (click Open), or save it to disk and run it from your computer. If your browser permits, run it from your browser.

4. If you save the file and run it from your computer, with your browser still open, go to the directory where the PowerMan.jar file resides and either double click its icon, or, from a command window, enter the following command:

java -jar PowerMan.jar

5. The PN0108 login dialog box comes up. Provide a valid Username and Password (set by the PN0108 administrator), then Click Login to continue.

6. After you have successfully logged in, the PN0108 Main Screen appears:

Note: If you are the administrator, and are logging in for the first time, use the default Username: administrator; and the default Password: password. For security purposes, we strongly recommend you remove these and give yourself a unique Username and Password

7 Specifications

Function		PN0108A	PN0108G
Power Characteristics		100–240 VAC; 15A*	100–240 VAC; 10A**
Power Inlets		1 x IEC 60320/C14 (M)	
Power Outlets		8 x IEC 60320/C13 (F)	
I/P Rating (Total input - max)		100–120 VAC; 50/60Hz; 12A	220–240 VAC; 50/60Hz; 10A
O/P Rating	Per Port (max)	100–120 VAC; 50/60Hz; 9A	220–240 VAC; 50/60Hz; 9A
	Total (max)	100–120 VAC; 50/60Hz; 11A	220–240 VAC; 50/60Hz; 9A
LEDs	Outlet Power	8 (orange)	
	Remote Access	8 (green)	
	Station ID	2 x 7 segment (yellow)	
Connectors	PON In	1 x DB-9 (F)	
	PON Out	1 x DB-9 (M)	
	Safe Shutdown	8 x 6-pin Safe Shutdown Jacks (F)	
Switches	Power	1 x Rocker	
	Outlet On / Off Remote On / Off	8 x Pushbutton	
	FW Upgrade	1 x 2 position slide	
	Reset	1 x Semi hidden	
Power Consumption (no load)		120V; 60Hz; 16W	230V; 50Hz; 16W
Power Consumption (max. load)		120V; 60Hz; 1440W	230V; 50Hz; 2300W
Environment	Operating Temp.	0-40oC	
	Storage Temp.	-20-60oC	
	Humidity	0-80% RH Noncondensing	
Physical Properties	Housing	Metal	
	Weight	3.7 kg	
	Dimensions (LxWxH)	43.20 x 21.00 x 4.40 cm	

* Units are certified to 80% of max. current rating (100—120 VAC).
** Units are certified to 220—240 VAC.

Power cord : The power source is a 220- 240 V AC supply, use a tandem (T blade) type attachment plug with ground conductor power cord that meets the respective European country's safety regulations, such as VDE for Germany. Plug should comply with the VDE 0620 specification; the connector should comply with the VDE 0625 specification. A minimum 10A, 0.75 mm2 x 3G power cord (H05VV-F or VW-1) should be used.

Power outlet cord : Connector should comply with the VDE 0625 or EN60320 specification. A minimum 10A, 0.75 mm2 x 3G power cord (H05VV-F or VW-1) should be used.

Note:
Use the power cord supplied with this package. If you need to purchase additional power cord, you must choose ones that comply with the above specifications.