SP100 SNMP Card Quick Start Guide

1. Hardware Overview



Ethernet Port (10/100Base-T)
Sensor Port*
Golden Finger
Ethernet Status LEDs

Note: Currently, ATEN does not produce sensor devices for the SNMP Card. This Sensor Port is reserved for future expansion and does not provide any functions for now.

Ethernet Status LEDs

LED		Description
100M LED	On	Port is operating at 100Mbit/s.
(Green)	Off	The current web bandwidth is 10Mbit/s.
Link LED	Flash	The link is active.
(Yellow)	Off	The SNMP Card is not connected to the network

Pin Assignment for Jumper

Pin Number	Status	Description
Pin 1 & Pin 2	Closed	Normal operation
Pin 2 & Pin 3	Closed	After re-connecting utility, the IP address of SNMP Card
		and password will be restored to default.
		Default static IP address: 192.168.102.230
		Default password: 12345678

Note: After the setting is restored to default, be sure to change the jumper setting to connect Pin 1 and Pin 2 for normal operation.

2 · Installing the SNMP Card

Follow the steps below to install and connect the SNMP Card.

2.1 Remove the cover of the intelligent slot on the back panel of the UPS and retain the screws.



2.2 Slide the SNMP Card into the open slot and secure the card with the screws you retained from step 2.1.



2.3 Connect the SNMP Card's Ethernet port (RJ-45) to the router in your networked environment using an Ethernet cable.



3 · Installing ViewPower Pro and Configuring the SNMP Card

ViewPower Pro is a UPS management application for managing and monitoring multiple UPSs installed with SP100 SNMP Cards in a networked environment.

System Requirements

Make sure the computer you use to install ViewPower Pro meets the following system requirements.

Supported	Windows 2000 / XP / 2003 / Vista / 2008 (32-bit or 64-bit)	
Operating Systems	Linux RedHat Enterprise AS3, AS5, AS6 (32-bit)	
	Linux RedHat Enterprise AS6 (64-bit)	
	Linux RedHat Enterprise 5.2 (32-bit or 64-bit)	
	Linux SUSE 10 (32-bit or 64-bit)	
	Linux Cent OS 5.4 (32-bit)	
	Linux Ubuntu OS 8.X, 9.X, 10.X (32-bit)	
	Linux Ubuntu OS 10.X (64-bit)	
	Linux Ubuntu OS 12.04 (32-bit or 64-bit)	
	Linux Fedora 5	
	Linux OpenSUSE 11.2 (32-bit or 64-bit)	
	Linux Debian 5.x, 6.x (32-bit)	
	Linux Debian 6.x (64-bit)	
	Mac OS 10.6 (64-bit)	
	Mac OS 10.7 (64-bit)	
	Solaris 10 for x86 (32-bit)	
RAM	1 GB at least (2 GB recommended)	
Hard Disk	2 GB at least	
Monitor	16-bit color, 800 x 600 or above	
Protocol	TCP/IP compliant	
Execution Privilege	Administrator	

Follow the steps below to install and configure ViewPower Pro:

- 3.1 Install ViewPower Pro.
 - (a) Go to the ATEN SP100's official web page and click the Support and Downloads tab.
 - (b) Download ViewPower Pro installer for a platform that your computer uses.
 - (c) Execute the installer and follow the on-screen instructions to install ViewPower Pro. When the install is complete, a shortcut appears on your desktop.



- 3.2 Add the SP100 SNMP Card into ViewPower Pro using SNMP Manager, a plug-in utility for searching and adding SNMP devices to ViewPower Pro.
 - (a) Double-click the ViewPower Pro icon to execute the program.
 - (b) In the system tray, right-click the ViewPower Pro icon and then select SNMP Manager. The SNMP Manager window appears. By default, the IP address of the computer, without the last number, appears as indicated.

SNMP Manager							
ystem Settings Language							
IP address	MAC address	Basic Info	IP settings tress	Online upgrade	System manager	Static trap address	
192.168.103	Is the second se	- Output window	ν				

(c) Click $\ensuremath{\textbf{Scan}}$ to search for the SNMP Card. The SNMP Card is added to the Device

List as indicated.

System Settings Language IP address UPS name Address Note IP address UPS1 F1 TEST IP address 19 address 192:168:103:230 UPS1 F1 TEST IP address 192:108:103:230 UPS1 F1 TEST IP address 192:108:103:230 UPS1 Address F1 UPS1 UPS1 UPS1 UPS1 Address F1 UPS1 UPS1 UPS1 UPS1 Address F1 EST UPS1 Address F1 EST Est Est Address F1 Est Address F1 Est Address F1 Est Address F1 Est Est Address F1 Est F1 Est F1 Est F1 F1
IP address UPS name Address Note 192.168.103.230 VPS1 F1 TEST IP address 192.168.103.220 VPS1 F1 UPS name UPS name UPS name UPS name Address F1 Note TEST Note TEST VPS name UPS name Address F1 Note TEST Note TEST VPS name VPS name
SNMP status: 1 SNMP reset enable Use system time: 09/13/2012 10.1355 Apply 192.168.103 Stan Add Cell

3.3 To configure the SNMP Card's IP address, SNMP version, login password or static trap addresses, or to perform upgrades to the SNMP Card, use the tab in the right column as indicated.

SNMP Web Manager				
lystem Settings Language Help				
IP address	MAC address	Basic Info IP settings Online upgrade System manager Static trap address		
192.168.107.79	00-00-5E-00-10-23	IP address 192.188.107.79 MAC address 00-00-5E-00-10-23		
SNMP status: 1 SNMP reset enable Reset Use system time: 09/17/2012 16.42.01 Apply				
192.168.107	Scan Add Del	Output Window- [16:42.00] 192.168.107.79 Online successfully.		

Configuration requires a password. The default password for the SNMP card is **12345678**.

4 · Monitoring

To monitor your UPS (installed with SNMP Cards), execute ViewPower Pro, right-click the ViewPower Pro icon in the system tray, and then select **Open Monitor**. This window appears. Monitor your UPSs from this window.

Configuration Schedule View Format Language Hel	p User type:	Administrator Logout
		Graphic view
Unassigned		
(192.168.103.166_SNMPP01_0000000000000)	null(192.168.103.165_SNMPP01_000000000000)	null(192.168.103.164_SNMPP02_00000000000000002)
UPS information: Bypass mode	Disconnected 😣	Disconnected 😣
Output information: 230.5V/50.0Hz		
Battery information: 41.0V/100%		
null(192.168.103.163_SNMPP01_000000000003)	null(192.168.103.162_SNMPP00_000000000000000000000000000000000	null(192.168.103.161_SNMPP03_0000000000000000000000000000000000
Disconnected 🚫	Disconnected 😥	Disconnected 🚫
	•	

For more information, see *ViewPower Pro User Manual*.