

# AES-100 Quick Start Guide

## 1. Initial Configuration

For the initial configuration, you must use the console port. After the initial setup, you can *telnet* to the system to perform additional management tasks. To connect to the console port, use an RS-232 cable to connect the AES-100 to a serial (COM) port of a computer. You can use any terminal emulation program, e.g., Windows' built-in HyperTerminal, with the following parameters:

- VT100 terminal emulation
- No parity, 8 data bits, 1 stop bit
- 9600 bps
- No flow control

## 2. How To Set Up IP Parameters

To set the IP address, default gateway and the subnet mask of the Ethernet port of the AES-100, use the following command sequence:

1. 192.168.1.1> ip
2. 192.168.1.1 ip> device delete ether
3. 192.168.1.1 ip> device add ether ether //bridge <new ip address>
4. 192.168.1.1 ip> route delete default
5. 192.168.1.1 ip> route add default 0.0.0.0 <default gateway> 00:00:00:00
6. 192.168.1.1 ip> config save
7. 192.168.1.1 ip> restart

<new ip address> = The IP address you want to configure into the AES-100.

<default gateway> = The default gateway IP address of the AES-100.

## 3. How To Set Up ADSL Ports

To set the upstream rate, downstream rate and operation mode of any ADSL port, use the following command sequence:

1. 192.168.1.1> adsl
2. 192.168.1.1 adsl> set port <port number> <upstream speed> <downstream speed> <oper mode>

where

<port number> = Port number ranging from 1 to 8.  
 <upstream speed> = ADSL upstream speed in Kbps.  
 <downstream speed> = ADSL downstream speed in Kbps.  
 <oper mode> = Operational mode; choose from **glite**, **gdmt** or **auto**.

## 4. How To Enable ADSL Ports

The AES-100 is shipped with all the ADSL ports disabled. To enable a specific ADSL port, use the following command sequence:

1. 192.168.1.1> adsl
2. 192.168.1.1 adsl> enable port <port number>

where

<port number> = Port number ranging from 1 to 8.

To enable all ADSL ports, use the following command sequence:

1. 192.168.1.1> adsl
2. 192.168.1.1 adsl> enable ports

**To reduce heat generation and enhance reliability, we recommend you disable a port when it is not in use. An enabled but disconnected ADSL port generates more heat than an operating port.**