

# TA IAD Terminal Mode Commands

## **SESSION**

### **!exit**

Exit terminal mode without saving or applying.

### **exit**

Exit terminal mode. If any config changes were made, a confirmation prompt will appear.

## **STATUS AND VERSION INFORMATION**

### **get\_serial\_num**

Displays the 8-digit serial number.

### **version**

Display code version and app code checksum.

### **hardware\_version**

Display version of hardware (2<sup>nd</sup> gen or 3<sup>rd</sup> gen).

### **boot\_ver**

Display bootcode version.

### **mac**

Display unit's MAC address.

### **dip\_switch**

Display status of the TA850 dip switches.

## **PROGRAMMING COMMANDS**

### **factory\_reset**

Restore all factory defaults. Unit will then reset.

### **reset**

Reset the unit.

### **save**

Save entire configuration to flash.

### **upgrade\_firmware <hostname> <filename>**

Begin TFTP firmware upgrade. Use cntrl C to abort.

## **UTILITIES**

**ping hostname|address [repeat xx] [size xx] [timeout xx] [source xx] [noNat]**

Options:

repeat <repeat count>	Number of pings to send (default 5)
size <datagram size>	Range is 40-1500
timeout <seconds>	Timeout in seconds (range 1-10)
source <address or name>	Source address or interface name to use
noNat	Do not NAT the ping packet

Options may be entered in any order and may be truncated.  
Valid interface names are eth0, fdl0, ppp0, fr0, fr1, etc.

**traceroute hostname|address [hops xx] [timeout xx] [retries xx] [source xx] [noNat]**

Options:

hops <hop count>	Max number of hops (default 30)
timeout <seconds>	Timeout in seconds (default 3)
retries <seconds>	Number of retries per hop (default 3)
source <address or name>	Source address or interface name to use
noNat	Do not NAT the trace packets

Options may be entered in any order and may be truncated.  
Valid interface names are eth0, fdl0, ppp0, fr0, fr1, etc.

**telnet hostname|address [port xx]**

Telnet client – telnet to the address and port specified. Default port is 23 (TELNET).

## ***DEBUGGING***

**log**

**-log on <level>**

**-log off <level>**

**-log dump <level>**

Levels are as follows (type in uppercase):

DHCP	FRELAY	FILTER	TONES
VOICE	PPP	POTS	CODEC