

Aphelion Firmware Release Note for 500AG

Version : 0.992

Date : 30 April, 2008

Information

01. Minimum downgrade version : 0.986.
02. Configuration file : Version 44.
03. Firmware CheckSum : Kernel - d0f3eedd
Ramdisk - 20774e04

New Features

01. New function definition of menu "25.SNMP Configuration", system will export MIB file to designate host IP address.
02. New function definition of menu "25.SNMP Configuration", SNMP trap server configuration is available.
03. New function definition of menu "26.Wireless Security Setting", "Maximum AC connection number" setting will limit maximum number of connecting client device.
04. New function definition of menu "45.Command Line", command "isolation" will block the connection between client devices which are connecting with same AP interface.
05. DNS server IP address setting in device for AP to resolve domain name. (Configuration will be available in menu "13.Assign WAN Interface" when running "Router" operation mode. Configuration will be available in menu "12.Interface Configuration" when running "Bridge" operation mode.)
06. "802.11G only" mode is available for choosing in menu "12.Interface Configuration" → "Band(Wireless)" selecting.
07. NTP (Network Time Protocol) setting is available in menu "11. System General Setup" → "System Date/Time Setup".
08. New command "mgmtvid" allows Aphelion to support manager VLAN forwarding.
09. New command "ethervid" allowed user to add 802.1Q VLAN tag on Ethernet port.
10. New command "rfsutil" allowed user to edit a simple LINUX shell running on Aphelion.
11. New command "pureg" in menu "45.Command Line", when pure G is on, the data rate 1Mbps, 2Mbps and 6Mbps are not available to get connection with

Access Point.

12. "Auto Refresh" is available in menu "42.Wireless Survey" → "1.Associated client list".
13. Support "Network manager system" software tool from Aphelion.

Corrections

01. Enhance "DFS" to avoid the fluctuation of frequency when DFS is on.
02. Enhance "Bandwidth control" function.
03. Enhance "WLAN-TRUNK" function to have throughput become more stable.
04. Fixed disconnection when applying "WPA-PSK TKIP" to be data encryption.

Known Bugs

01. Bug will report to customers once a new software bug is found.

Notes

01. The power supply has to be on all the time during firmware upgrade, or Aphelion 500AG/600AG/3300AG will not able to reboot correctly.
02. Aphelion management software will be available in 15 May, 2008.