

VDSL2 Firewall Router

“AURORA LITE”



Introduction

The Aurora Lite is an all-in-one VDSL2/Broadband Router. It is designed for home and SOHO users who seek for high-speed broadband access with VDSL2. The SOHO Firewall is integrated to provide protection against hacker attacks while the Quality of Service prioritizes queues and traffic for applications such as file sharing, video streaming, online gaming and downloading music.

✓ Very High-speed Connectivity for Internet Access and IPTV Service

The Aurora Lite is a single VDSL2 port router equipped with four Ethernet ports by embedded 10/100Mbps Ethernet Switch. Compliant with ITU-T G.993.2 (VDSL2), G.994.1 (handshake) and G.997.1 (Physical layer management for digital subscriber line) VDSL2 standard, the Aurora Lite interoperates with major chipsets, and supports Profile 30a with line rate up to 100Mbps/100Mbps for various bandwidth-consuming applications, like video streaming or Video on Demand.

✓ Standard-compliant to ITU-T G.993.2, G.994.1 and G.997.1

The Aurora Lite complies with the international standards and interoperates with other major/open chipsets. It supports different profiles (8a, 8b, 8c, 8d, 12a, 12b, 17a, and 30a); different band plans (997, 998, and proprietary) and different annex types (Annex A, Annex B and Annex C), by factory settings to fit into different requirements.

✓ Firewall Security and Smooth Traffic

With the built-in NAT default firewall, the advanced anti-hacker pattern-filtering protection features automatically detect and block Denial of Service (DoS) attacks. In addition, Packet Filtering provides high-level security for access control. Quality of Service Control prioritizes the traffic and allows users to enjoy smooth traffic while running applications such as P2P or multimedia through the Internet.

✓ Easy Network Management

The Web-based User Interface of the Aurora Lite makes it extremely easy for users to install and manage the network. The router supports both DHCP client and server, enabling system administrators to easily integrate this router into existing network environments, as well as manage IP assignment without having to reconfigure other stations.

VDSL Features

- ◆ Compliant with ITU-T G.993.2 , G.994.1 and G.997.1
- ◆ VDSL2 Profiles: 8a/b/c/d, 12a/b, 17a, 30a
- ◆ Supports 997 and 998 Band Plans
- ◆ Supports Annex A, Annex B(B7-1->B7-10,B8-1->B8-16), Annex C US0 Supported
- ◆ Upstream/ Downstream connection rates 100/100 Mbps
- ◆ OLR (On Line Reconfiguration), US0 Supported
- ◆ Supports Ethernet 802.3ah

Router Features

- ◆ Traffic prioritization based-on IP protocol, port number and address

Router Features

- ◆ NAT, static routing and RIP-1/2
- ◆ NAT supports PAT and multimedia applications
- ◆ Transparent Bridging
- ◆ Virtual Server and DMZ
- ◆ SNTP, DNS relay and DDNS
- ◆ IGMP snooping and IGMP proxy
- ◆ Built-in NAT Firewall
- ◆ Stateful Packet Inspection (SPI)
- ◆ Prevents DoS attacks including Land Attack, Ping of Death, etc.
- ◆ Remote access control for web base access
- ◆ Packet and URL filtering
- ◆ Password protection for system management
- ◆ VPN pass-through
- ◆ Quick Installation Wizard
- ◆ Web-based for remote and local management
- ◆ Firmware upgrades and configuration data upload/download via web-based interface
- ◆ Embedded Telnet server for local management
- ◆ SNMP v1/v2/v3, MIB-I and MIB-II support
- ◆ Available Syslog monitoring
- ◆ Supports DHCP server/client/relay
- ◆ Mail Alert
- ◆ TR-069*1 supports remote management
- ◆ Supports the DiffServ approach

Specifications

- ◆ DSL: VDSL port
- ◆ Ethernet: 4-port 10/100Mbps auto-crossover (MDI / MDI-X)
- ◆ Switch
- ◆ Factory default reset button
- ◆ Power jack
- ◆ Power switch
- ◆ Dimensions: 7.09" x 4.72" x 1.57"(180mm x 120mm x 40mm)
- ◆ Input: 12V DC, 1A
- ◆ Operating temperature: 0 - 40 °C
- ◆ Storage temperature: -20 - 70 °C
- ◆ Humidity: 20 - 95% non-condensing