

## ADSL 2/2+ 4-Port Router



The PLANET ADSL 2/2+ 4-Port Router, ADE-4400, provides office and residential users the ideal solution for sharing the high-speed ADSL 2/2+ broadband Internet connection on four Ethernet ports. It can support downstream transmission rates up to 24Mbps and upstream transmission rates up to 3.5Mbps. The product supports PPPoA (RFC 2364 - PPP over ATM Adaptation Layer 5), PPP over Ethernet (RFC 2516), and RFC 1483 encapsulation over ATM (MER, bridged or routed) to establish a connection with ISP.

Via the user-friendly management interface, the ADE-4400 can be managed by workstations used standard web browsers. Furthermore, the ADE-4400 provides DHCP server, NAT, Virtual Server, DMZ, access control, IP filter, VPN Pass-Through, and UPnP capability.

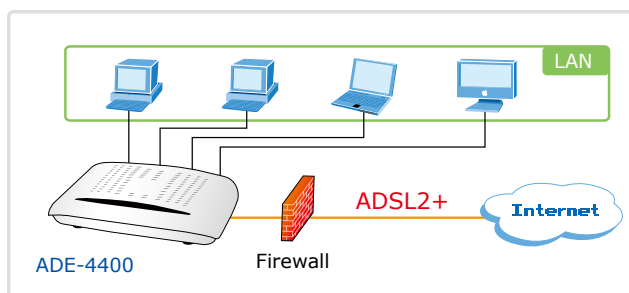
The ADE-4400 also serves as an Internet firewall, protecting your network from being accessed by outside users. It provides the natural firewall function (Network Address Translation, NAT) and all incoming and outgoing IPs are monitored and filtered by this product as well. In addition, it can be configured to block internal users who are accessing to the Internet.

### APPLICATIONS

#### Internet Connection with Firewall:

The ADE-4400 is a perfect solution to connect a small group of PCs to a very High-Speed broadband Internet connection. With ADSL 2/2+ standards for worldwide deployment, it supports downstream rates up to 24 Mbps and upstream rates up to 3.5 Mbps.

The ADE-4400 also incorporates a 4-Port 10/100Base-TX switching hub, made to easily create or extend your LAN. The built-in firewall can protect your LAN and prevent the attacks from the internet.



### KEY FEATURES

#### INTERNET ACCESS FEATURES

- **Shared Internet Access.** All users on the LAN can access the Internet through the ADE-4400 used only a single external IP Address. The local (invalid) IP Address is hidden from external sources. This process is called NAT (Network Address Translation).
- **Built-in ADSL 2/2+ Modem.** The ADE-4400 provides ADSL 2/2+ modem and supports all common ADSL connections.
- **PPPoE, PPPoA, Direct Connection Support.** Various WAN connections are supported by ADE-4400.
- **Auto-detection of Internet Connection Method.** In most situations, the ADE-4400 can test your ADSL and Internet connection to determine the connection method used by your ISP.
- **Fixed or Dynamic IP Address.** On the Internet (WAN port) connection, the ADE-4400 supports both Dynamic IP Address (IP Address is allocated on connection) and Fixed IP Address.

#### ADVANCED INTERNET FUNCTIONS

- **Virtual Servers.** This feature allows Internet users to access Internet servers on your LAN. The required setup is quick and easy.
- **DMZ Support.** The ADE-4400 can translate public IP addresses into private IP address to allow unrestricted 2-way communication with Servers or individual users on the Internet. This provides the most flexibility to run programs, which could be incompatible in NAT environment.
- **Firewall.** Supports simple firewall with NAT technology and provides option for blocking the access from Internet, like Web, FTP, Telnet, SNMP, and ICMP. It also supports MAC and IP filtering.
- **Universal Plug and Play (UPnP).** UPnP allows automatic discovery and configuration of the Broadband Routers. UPnP is supported by Windows ME, XP, or later.
- **VPN Pass through Support.** PCs with VPN (Virtual Private Networking) software are transparently supported and no configuration is required.
- **RIP1/2 Routing.** It supports RIPv1/2 routing protocol for routing capability.
- **Simple Network Management Protocol (SNMP).** It is an easy way to remotely manage the routers via SNMP.

#### LAN FEATURES

- **4-Port Switch.** The ADE-4400 incorporates a 4-Port 10/100Base-TX switching hub, made to easily create or extend your LAN.
- **DHCP Server Support.** Dynamic Host Configuration Protocol provides a dynamic IP address to PCs and other devices upon request. The ADE-4400 can act as a DHCP Server for devices on your local LAN and WLAN.

**SPECIFICATION**

<b>Product</b>	ADSL 2/2+ 4-Port Router	
<b>Model</b>	ADE-4400A / ADE-4400B	
<b>Hardware</b>		
<b>Standard</b>	Compliant with ADSL Standard - Full-rate ANSI T1.413 Issue 2 - G.dmt (ITU G.992.1) - G.lite (ITU G.992.2) - G.hs (ITU G.994.1) Capable of ADSL2 Standard - G.dmt.bis (ITU G.992.3) Capable of ADSL2+ Standard - G.dmt.bisplus (ITU G.992.5)	
<b>Protocol</b>	Multiple Protocol over AAL5 (RFC 2684, formerly RFC 1483) Bridged or routed Ethernet encapsulation PPP over Ethernet (PPPoE) PPP over ATM (RFC 2364)	
<b>AAL and ATM Support</b>	Support up to 8PVCs VC and LLC Multiplexing ATM Adaptation Layer Type 5 (AAL5) Integrated ATM AAL5 support(UBR,CBR,VBR,VBR-rt, and VBR-nrt) OAM F4/F5	
<b>Ports</b>	<b>LAN</b>	4 (10Base-T/100Base-TX, Auto-Negotiation, Auto MDI/MDI-X)
	<b>WAN</b>	1 (RJ-11, Auto-Negotiation)
<b>LED Indicators</b>	PWR, Data, Link, LAN 1-4	
<b>Button</b>	1 x reset button, 1 x power button	
<b>Software</b>		
<b>Protocol / Feature</b>	NAT supports PAT and multimedia applications Static routing and RIPv1/2 IP Policy Routing Transparent Bridging SNTP DNS relay and IGMP proxy DMZ and Virtual Server	
<b>Security</b>	Built-in NAT Firewall PPP over PAP(Password Authentication Protocol, RFC1334) PPP over CHAP(Challenge Authentication Protocol, RFC1994) Access Control IP-Based Packet filtering MAC filtering Password protection for system management	
<b>VPN</b>	VPN Pass-Through	
<b>Management</b>	Web-based configuration Embedded Telnet server for remote and local management Upgrade firmware and upload / download the configuration data via WEB SNMP v2 MIB supported Support DHCP server/client/relay Built-in Diagnostic tool and IP Ping	
<b>Environment Specification</b>		
<b>Dimension (W x D x H)</b>	176 x 124 x 35mm	
<b>Power</b>	12V DC, 1A	
<b>Temperature / Humidity</b>	Operating temperature: 0 ~ 50 Degree C Storage temperature: -20 ~ 70 Degree C Humidity: 10 ~ 95% non-condensing	
<b>Emission</b>	FCC, CE	

**ORDERING INFORMATION**

<b>ADE-4400A</b>	ADSL 2/2+ 4-Port Router, Annex A
<b>ADE-4400B</b>	ADSL 2/2+ 4-Port Router, Annex B