

## ADSL 2/2+ Router with USB Port



The PLANET ADSL 2/2+ Router, ADE-3410, provides office and residential users the ideal solution for sharing the high-speed ADSL 2/2+ broadband Internet connection. It supports downstream transmission rate up to 24Mbps and upstream transmission rate 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-3410 can be managed by workstations using standard web browsers. Furthermore, the ADE-3410 provides DHCP server, NAT, virtual server, DMZ, access control, IP filter, PPTP/IPSec/L2TP pass-through, DDNS, and UPnP capabilities.

The ADE-3410 also serves as an Internet firewall, protecting your network from being accessed by unauthorized users. It provides the natural firewall function (Network Address Translation, NAT) and all incoming and outgoing IPs are monitored and filtered as well. Moreover, it can be configured to block internal users who are accessing to the Internet.

### KEY FEATURES

#### INTERNET ACCESS FEATURES

- **Shared Internet Access**  
All users on the LAN can access to the Internet through the ADE-3410 using 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-3410 provides ADSL 2/2+ modem and supports all common ADSL connections.
- **PPPoE, PPPoA, Direct Connection Support**  
Various WAN connections are supported by the ADE-3410.
- **Auto-detection of Internet Connection Method**  
The ADE-3410 can automatically detect your ADSL and the Internet connection to determine the connection method used by your ISP.
- **Fixed or Dynamic IP Address**  
On the Internet (WAN port) connection, the ADE-3410 supports both Dynamic IP Address (IP Address is allocated on connection) and Fixed IP Address.

#### ADVANCED INTERNET FUNCTIONS

- **Virtual Servers**  
The feature allows Internet users to access to Internet servers on your LAN. The required setup process is quick and easy.
- **DMZ Support**  
The ADE-3410 can translate public IP addresses to private IP address in order to allow unrestricted 2-Way communication between Servers and individual client on the Internet. This provides the most flexibility to run any programs, even which could be incompatible in NAT environment.

- **Firewall**  
Simple firewall with NAT technology is supported to provide options for access control from Internet, like HTTP, ICMP, SNMP, Telnet, and TFTP services. IP filtering is also supported.
- **Universal Plug and Play (UPnP)**  
UPnP allows automatic discovery and configuration of the Broadband Routers. UPnP is supported by Windows ME, XP, or later.
- **Dynamic DNS Support**  
With the Virtual Servers feature, DDNS allows users to connect to Servers on your LAN using a Domain Name, even a dynamic IP address changes in each connection.
- **VPN Pass through Support**  
PCs with VPN (Virtual Private Networking) software used PPTP, L2TP, and IPSec are transparently supported and no configuration is required.
- **RIP Routing**  
It supports RIP routing protocol for routing capability.
- **Simple Network Management Protocol (SNMP)**  
It is an easy way to remotely manage the routers via SNMP.

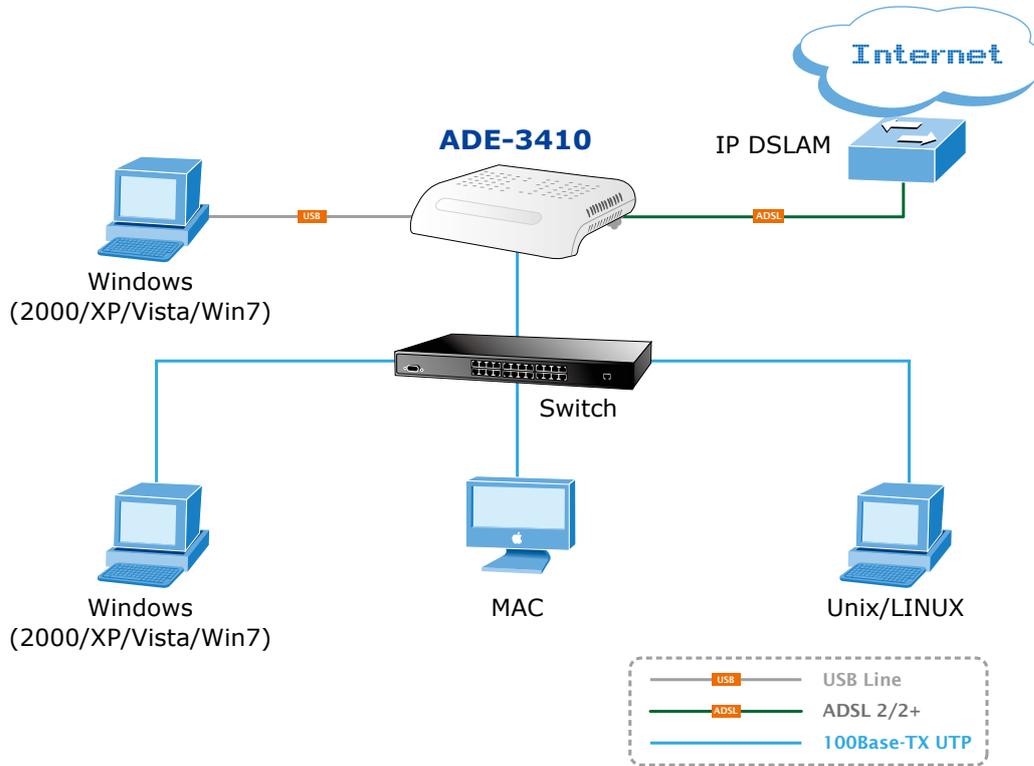
#### LAN FEATURES

- **Dual-Port**  
The ADE-3410 incorporates one Ethernet port and one USB port, made to easily create or extend your LAN
- **DHCP Server Support**  
**D**ynamic **H**ost **C**onfiguration **P**rotocol provides a dynamic IP address to PCs and other devices upon request. The ADE-3410 can act as a DHCP Server for devices on your local LAN

**APPLICATIONS**

*Internet Connection with Firewall*

The ADE-3410 is a perfect solution to connect a small group of PCs to a very High-Speed broadband Internet service. With ADSL 2/2+ standards conveniently for worldwide deployment, the ADE-3410 supports downstream rates up to 24Mbps and upstream rates up to 3.5 Mbps. The built-in firewall can also protect your LAN and prevent the attacks from the Internet.



**SPECIFICATION**

Product	ADSL 2/2+ Router with USB Port
Model	ADE-3410
Hardware Specification	
Standard	<p>Compliant with ADSL Standard</p> <ul style="list-style-type: none"> <li>- Full-rate ANSI T1.413 Issue 2</li> <li>- G.dmt (ITU G.992.1)</li> <li>- G.lite (ITU G.992.2)</li> <li>- G.hs (ITU G.994.1)</li> </ul> <p>Capable of ADSL2 Standard</p> <ul style="list-style-type: none"> <li>- G.dmt.bis (ITU G.992.3, ITU G.992.4)</li> </ul> <p>Capable of ADSL2+ Standard</p> <ul style="list-style-type: none"> <li>- G.dmt.bisplus (ITU G.992.5)</li> <li>- Reach Extended ADSL (RE ADSL)</li> </ul>
Protocol	<p>RFC 2364 - PPP over ATM (LLC/VCMUX)</p> <p>RFC 2516 - PPP over Ethernet (LLC/VCMUX)</p> <p>RFC 1483 - Classic IP over ATM (LLC/VCMUX)</p> <p>RFC 2684 - Bridged IP over ATM (LLC/VCMUX)</p> <p>RFC 2684 - Routed IP over ATM (LLC/VCMUX)</p>
AAL and ATM Support	<p>Supports up to 8 PVCs</p> <p>ATM Forum UNI 3.1/4.0 PVC</p> <p>VC and LLC Multiplexing</p> <p>Integrated ATM AAL5 support (UBR,CBR,VBR,VBR-rt, and VBR-nrt)</p> <p>0~255 VPI plus 8~65535 VCI address range</p> <p>OAM F4 and F5 Segment end-to-end loop-back, AIS, and RDI OAM cells</p>

Ports	LAN	1 Ethernet (10Base-T/100Base-TX, Auto-Negotiation, Auto MDI / MDI-X) and 1 USB (USB v2.0)
	WAN	1 (RJ-11)
LED Indicators	PWR / Link / Data / LAN / USB	
Button	1 for Reset Factory Button	
Power Switch	1 switch for Power On / Off	
<b>Software</b>		
Protocols/Features	NAT supports PAT and multimedia applications NAT, Static Routing, and RIPv1/2 Transparent Bridging Dynamic Domain Name System (DDNS) SNTP DNS relay and IGMP proxy DMZ and Virtual Server Quality of Service (QoS) for Traffic Prioritization TR-069	
Security	Built-in NAT Firewall PPP over PAP (Password Authentication Protocol, RFC1334) PPP over CHAP(Challenge Authentication Protocol, RFC1994) DoS Protection Access Control IP-Based Packet filtering MAC filtering URL Blocking Stateful Packet Inspection(SPI) Password protection for system management	
VPN	VPN pass through	
Management	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 Supports DHCP Server / Client / Relay Built-in Diagnostic tool and IP Ping	
<b>Environment Specifications</b>		
Dimension (W x D x H)	140 x 120 x 35 mm	
Power	5V DC, 1A	
Operating Environment	Operating temperature: 0 ~ 50 Degree C Storage temperature: -20 ~ 70 Degree C Humidity: 10 ~ 95% non-condensing	
Emission	FCC, CE	

## ORDERING INFORMATION

<b>ADE-3410A</b>	ADSL 2/2+ Router with USB Port, Annex A
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