

Fast Ethernet ADSL2/2+ Modem Router



GA-121A/GA-121B **BUILT-IN HIGH PERFORMANCE ADSL2/2+ MODEM**

The GA-121A / GA-121B is a wired ADSL router running at speeds up to 24Mbps downstream and 1Mbps upstream. It provides higher data rates than traditional ADSL systems. Also, it is backward compatible with existing ADSL services and interoperable with legacy equipment. The GA-121A / GA-121B supports ADSL standard: G.992.1 (G.dmt), G.992.2 (G.lite), G.992.3 (ADSL2), G.992.4 (splitter less ADSL2), G.992.5 (ADSL2+) for Annex A, B, M.

EASY SETUP WITH EZMAX MULTI-LANGUAE INSTALLATION CD

A unique 14-languages setup wizard is included in the installation CD for you to setup Internet connection, router password and firmware upgrade. You can connect the router to the Internet within minutes by following the simple animated steps.

SUPPORT VIRTUAL SERVER / DMZ

The GA-121A / GA-121B supports virtual server and DMZ so you can set up server (Web server, Mail Server and IP camera...) inside your network for Internet users to access.

FIREWALL

The GA-121A / GA-121B provides Firewall to protect you from the Internet attacks. You can restrict users to access the services. Also, you can also block some IP addresses to access Internet through the GA-121A / GA-121B to increase the security.

WEB CONFIGURATION

The GA-121A / GA-121B can be configured through the friendly Web interface with a Web browser.

IP SHARING

The NAT/NAPT function lets you share the broadband connection to all the network users (up to 253 users).



FEATURES

- Complies with ADSL2/2+ standards with downstream and upstream data rate up to 24Mbps and 1Mbps
- Complies with IEEE802.3 and 802.3u standards
- Includes multi-languages setup wizard for Internet connection, password and firmware upgrade
- Supports access control, IP/Port filter, IGMP v1/v2, DMZ and virtual server

TECHNICAL SPECIFICATIONS

INTERFACE	ADSL FEATURES & ENCAPSULATION	POWER
<ul style="list-style-type: none"> • 1 RJ-11 ADSL port + 1 LAN 10/100Mbps Ethernet Ports • 1 push button for power on/off • 1 reset button • 1 USB port • 1 power jack • LED Indicators: Power, ADSL and Ethernet Port 	<ul style="list-style-type: none"> • Support ANSI T1.413 Issue2 • Support ITU G.992.1 (G.dmt)/G.992.2 (G.lite) Annex A • Support ITU G.992.3 ADSL2 (G.dmt.bis) Annex A, L, M • Support ITU G.992.4 ADSL2 (G.lite.bis) • Support ITU G.992.5 ADSL2+ • RFC 1483 Route/Bridge • PPPoA/PPPoE/MER 	<ul style="list-style-type: none"> • DC 12V, 500mA
SECURITY	FUNCTIONS	TEMPERATURE & HUMIDITY
<ul style="list-style-type: none"> • Support two-level users and passwords (can be revised) for login • Support the electronic signature function (preventing different types of editions from upgrading each other) • Support DoS which detects and protects a number of attacks (such as SYN/FIN/RST Flood, Smurf, WinNuke, Echo Scan, Xmas Tree Scan) • Support packet filter based on IP and port • Support access control based on MAC • Support PAP and CHAP authentication 	<ul style="list-style-type: none"> • Support up to 8 permanent virtual circuits (PVCs) • Routing: Static routing, RIP V1 and V2 • Support Auto-MDI/MDIX • Download/Upload stream up to 24/1Mbps 	<ul style="list-style-type: none"> • 10-90% (Non-condensing) • 0~40 Degree Celsius
MANAGEMENT	ROUTING /BRIDGING	DIMENSION & CERTIFICATIONS
<ul style="list-style-type: none"> • Support Web/TFTP mode • Support Telnet CLI command line • Support configuration file backup and restoration • Support LAN port IP address amend function • Support SNMP V1/V2C native and long-distance control (MIB II RFC1213/ADSL line MIB RFC 2662 ATM MIB RFC 2515) • Support Sntp enactment 	<ul style="list-style-type: none"> • RFC1483 Bridge • IEEE802.1d Transparent Bridging • Bridge Filtering • RIP v1/v2 • RFC 1483 Routing • DNS Rely • IGMP v1/v2 • DHCP Server/Rely • NAT/NAPT 	<ul style="list-style-type: none"> • 145 x 112 x 34 mm • CE & FCC