

wireless 4 Port Router ADSL2/2+ Modem

Product Introduction

This device is a well-designed high-speed ADSL modem/router that is specifically designed to connect to the Internet and to directly connect to your local area network(LAN), wireless LAN(WLAN),or high speed 10/100 Mbps Ethernet.

System requirements

- Pentium 233MHZ or above
- Memory: 64MB or above
- 10M Base-T Ethernet or above
- WIN9X WIN2000 WINXP WINME WINNT
- Ethernet Network Interface Card

Main Features

- Four 10/100 Ethernet ports
- Friendly GUI for web configuration.
- Support Single-Session IPSec and PPTP Pass-Through for Virtual Private Network (VPN)
- Several popular games are already pre-configured. Just enable the game and the port settings are automatically configured.
- Configurable as a DHCP Server on Your Network
- Compatible with virtually all standard Internet applications
- Industry standard and interoperable DSL interface
- Address Filtering, DMZ Hosting, and Much More
- Simple web based status page displays a snapshot of your system configuration, and links to the configuration pages
- Downloadable flash software upgrades
- Support up to 8 Permanent Virtual Circuits (PVC)
- Support up to 8 PPPoE sessions
- Support SNMP V2, RIP v1& RIP v2 , NAT
- High-Speed Data Transfer Rates of up to 54Mbps
- Compatible with IEEE 802.11b, IEEE 802.11g ,2.4GHz Compliant Equipment

Function

ADVANCED

The Advanced section lets you configure advanced features like RIP, Firewall, NAT, UPnP, IGMP, Bridge Filters and LAN clients.

UPnP—Configure UPnP for different connections.

SNTP—Configure SNTP to configure time server on Internet.

SNMP—Configure SNMP Management.

IP QoS—Configure IP Quality of Service for different connections.

Port Forwarding—Configure Firewall and NAT pass-through to your hosted applications.

IP Filters—Configure Firewall to block your LAN PCs from accessing the Internet.

LAN Clients—Configure LAN Clients.

LAN Isolation—Disable traffic between LANs.

Bridge Filters—Select to setup Bridge Filters.

Web Filters—Select to setup Web Filters.

Multicast—Configure Multicast pass-through for different connections.

Static Routing—Configure Static routes.

Dynamic Routing—Configure RIP.

Access Control—Configure access control list.

TOOLS

The TOOLS section allows you to save the configuration, restart the gateway, update the gateway firmware, setup user and remote log information and run Ping and Modem tests.

System Commands—Save the current configuration, Restart the gateway and Restore to factory defaults.

Remote Log—Setup Remote Log Information.

User Management —Configure User Name and Password.

Update Gateway —Upgrade the Gateway Firmware.

Ping Test —Run a Ping Test.

Modem Test —Check whether the Modem with a specific Connection is properly connected to the Network.

Supporting protocols

- ITU G.992.1 (G.dmt) Annex A
- ITU G.992.2 (G.lite)
- ITU G.992.3 ADSL2(G.dmt.bis)
- ITU G.992.4 ADSL2 (G.lite.bis)
- ANSI T1.413 Issue 2
- ITU G.992.5 ADSL2+
- Extended Reach(READSL2)
- IEEE 802.11b, IEEE 802.11g

Encapsulation

- Support RFC 1483 Bridge
- Support RFC 1483 Router
- Support Classical IP over ATM (RFC 1577)
- Support PPP over ATM (RFC 2364)
- Support PPP over Ethernet (RFC 2516)

Technical Specifications

Wireless spec

Network Standard		IEEE 802.11b IEEE 802.11g
Frequency Range		2.40G-2.4835G
Modulation		802.11b: DBPSK、DQPSK、CCK 802.11g BPSK、QPSK、16QAM、64QAM
RF Power (Max)		18dBm
AP Capacity	Access User Quantity	50~80Pcs/AP (Proposal)
	Channels	11 (US and Canada) 13 (Europe and China) 14 (Japan)
	Auto-sensing Data Rate	1Mbps、2Mbps、5.5Mbps、11Mbps for 802.11.b 6 Mbps、9 Mbps、12 Mbps、18 Mbps、24 Mbps、36 Mbps、48 Mbps、54 Mbps
Payload Rate	1Mbps	DBPSK @ 0.81Mbps
	2Mbps	DQPSK @ 1.58Mbps
	5.5Mbps	CCK @ 4.07Mbps
	6 Mbps	BPSK@4.64Mbps
	9 Mbps	BPSK@6.55Mbps
	11 Mbps	CCK @ 7.18Mbps
	12 Mbps	BPSK @8.31 Mbps
	18 Mbps	QPSK@11.5 Mbps
	24 Mbps	6QAM@14.18 Mbps
	36 Mbps	16QAM@18.31 Mbps
	48 Mbps	64QAM@23.25 Mbps
54 Mbps	64QAM @26.12 Mbps	
Security		64-bit/128-bit WEP Encryption, WPA (Wi-Fi Protected Access)

Technical Specifications

User Isolation		MAC Level
MAC Filter	Eth Interface MAC Filter	Support
	Vacancy MAC Filter	Support
Authentication	DHCP Client & Static IP	Support
	802.1X and Radius Client	Support
	DHCP Server	Support
Mode (LAN Port)		Router、Bridge、PPPoE Client
LAN Port Type		10/100Mb Auto-Sensing IEEE802.3
Radio Cover Rage (m)	Outdoor	120~300
	Indoor	35~100
Antenna Type	Internal Diversity with Connector	
Management		Web based ,Telnet, TFTP, Set IP Session (arp/ping)
Power		DC 12V 1A Adapter
Temperature		Operation: 0~35°C
		Storage: -20~70°C
Humidity		Operation: 10%~ 90% (Non-condensing)
		Storage 5%~ 95% (Non-condensing)
Dimension (L x W x H,mm)		
Weight (kg)		

Interface

- One RJ11 port
- Four RJ45 ports
- One USB port

Power

Output: DC12V

Technical Specifications

Environment

Operating temperature: 0°C~35°C

Relative Humidity: 10%~90% no freezing