



AeroPath WIFI5502  
Super G Wireless Gateway

AeroPath WIFI5502 is a state-of-the-art new Wireless Gateway with the latest advanced broadband wireless connectivity technology. Applying with 802.11g technology, it offers high bandwidth with transfer rate reaching up to 54Mbps. It is also compatible with 802.11b. With a built-in 4 port 10/100 Base-TX switch, it is effortless to build a LAN and share Internet access via wire line and wireless. **In addition, it supports Atheros' Super G mode, by built-in Atheros client, transfer rate can reach up to 108Mbps.**

WIFI 5502 offers built-in security features including integrated NAT technologies and firewall protection to shield your internal network and prevent intruder and hackers from accessing your network. The Web-based user interface of WIFI 5502 facilitates the management and provides an easy way to share files, resources and access with other LAN users.

WIFI5502 supports **two** USB **2.0** port for printing and file sharing usage. A user can connect a supported Printer with USB **1.1** or **2.0** port to the built-in USB host. The user, in local LAN or from WAN, can use this printer to perform any printing job. To connect another USB Port by Harddisk or pen driver with USB port. The file or data inside

the storage device could be shared over LAN or WAN.

### Features

- Supports PPPoE, PPP, PPTP Client, ARP, DHCP Client and Server, TCP/IP, UDP,
- ICMP, DNS Proxy, Dynamic DNS, SNTP features
- Four 10/100M Base TX ports for PC or LAN connection and one 10/100M Base TX
- WAN port for broadband connection
- 802.11g wireless access point supports up to 54Mbps
- **Atheros' Super G mode, transfer rates can be up to 108Mbps.**
- Supports automatic hacker pattern detection to block malicious intrusion of local networks
- Network Address Translation (NAT) conceals private network from outside view
- VPN pass through allows secure communication between offices
- Provides web-based user interface eases the installation, configuration and management
- Virtual server feature, outside users will be able to access the internal servers via Internet
- Administrators can block specific interior users' Internet access by UPI (User Profile Identification)
- Supports UPnP for easy device discovery
- Allows LAN users to access Internet through Network Address Translation (NAT, IP sharing) simultaneously
- USB 2.0 Host port for printing sharing
- USB 2.0 Host port for file sharing

# AeroPath WiFi5502 Super G Wireless Gateway Specifications

## HARDWARE

### Network Interface

- WAN: One 10/100 Base TX port, Auto-sensing, Auto MDIX, RJ-45 Connector
- LAN: Four 10/100 Base TX ports, Auto sensing, Auto MDIX, RJ-45 connector
- Wireless: External Antenna, Frequency: 2.412~2.484 GHz, support 14 channels, data rates supports 6, 9, 12, 18, 24, 36, 48 and 54 Mbps auto fallback function, **108Mbps**.

### LEDs

- LED1 shows status of local port #1
- LED2 shows status of local port #2
- LED3 shows status of local port #3
- LED4 shows status of local port #4
- WLAN LED shows WLAN connection
- WAN LED shows WAN port status
- Power LED shows unit power status

### Miscellaneous

- Reset Button (Factory default-setting button)
- Two USB 2.0 Hosts ports (For printing and file sharing)

### Environment

- Operation Temperature: 0°C ~ 45°C
- Operation Humidity: 5% ~ 95%
- Storage Temperature: -20~ +85°C
- Storage Humidity: 5%~95%

### Power Supply

- Adapter: Input 110VAC/220VAC; Output 12V/1A DC
- Maximum power consumption: 10 Watts

### Dimensions

- 180mm x 143mm x 40.5mm (W x D x H)
- 320g without holder

### Certificates

- EMI: CE & FCC Part 15 class B
- Safety: CB (EN60950)

## SOFTWARE

### Networking /Transport layer protocol

- 802.1D Bridge for LAN and Wireless bridging
- 802.1q tagged VLAN and priority (Could be supported later)
- DHCP server (\*attach list)
- PPPoE, PPTP, Telstra BigPond, DHCP client and Fixed IP for broadband DSL/Cable ISP connection
- MAC address spoofing for ISP locks MAC address for internet access
- Static routes
- DNS proxy for DNS cache
- Dynamic DNS for dynamic IP based domain name service
- NTP client for network time synchronization
- 802.11g Access Point

### Firewall/NAT

- Stateful packet inspection
- DOS attack prevention
- Port forwarding
- One DMZ host
- IP packet filtering with scheduling (\*MAC based access control list)
- Event logging and e-mail alert for DOS attack
- ALG support including: IPSec, PPTP, L2TP, H.323, SIP, NetMeeting, MS Messenger, RealPlayer, Quick Time (\*ICQ, CuSeeMe, VDO Live, Quake III, Diablo II, Age of Empire II)

### Wireless Security

- Supports 40/64,128 and 152-bit WEP encryption
- MAC based access control list
- Wireless Access Control (SSID)
- Wi-Fi Protected access (WPA) compatible
- Pre-shared Key
- 802.1x
- Remote management

### Web Contents Filtering

- Supports true proxy-based URL blocking with scheduling

### Management

- Web-based configuration wizard
- Web-based firmware upgrade, configuration profile backup/restore
- Supports Windows-based syslog viewer
- Supports UPnP

### File sharing support

- Supported OS: WindowsME/NT/98/2000/XP
- Management Tool: Web-Based

### Printing supported features

- Supported OS: WindowsME/NT/98/2000/XP
- Supported Networks: LPD
- print server
- Management Tool: Web-Based

### Ordering Information:

W00-01120-01:WiFi5502 Super G Wireless Gateway