



Product Overview

The Axtronics WG100g+ is an 802.11g Wireless Broadband Router with 4 ports Fast Ethernet Switch. It includes an access point, network Plug-n-Play, a robust management system, and wireless network security. Integrating state of the art technologies such as stateful packet inspection, virtual private networking, and session management, the WG100g+ is also easily integrated into a number of network environments, from small office/home office to data centers, offering enterprise security and total control over your network.

Software Specifications

■VPN (Virtual Private Network)

1. VPN Protocols Supported: IPSec, PPTP, L2TP
2. PPTP Encryption: MPPE 40bit/128bit Stateless mode
3. IPSec Encryption: DES, 3DES, AES, PFS, IP Comp
4. PPTP/L2TP Authentication: PAP, CHAP, MS, CHAPv1/v2
5. IPSec Authentication: SHA, MD5
6. IKE Authentication: RSA Signature, X.509, Manual Key (pre-shared secret)

■Networking

1. PPPoE, DHCP, Fixed IP mode support for WAN interface
2. DHCP, Fixed IP support for LAN clients
3. NAT and Transparent mode for all interfaces
4. Unrestricted number of clients (Full range of IPv4)
5. Fully configurable IP ranges: PPTP, L2TP, DHCP (Fixed by MAC or Dynamic), PPPoE
6. Dynamic DNS Support

■Firewall Security

1. Packet filtering
2. Denial of service (DoS) protection
3. Virtual server management
4. TCP and UDP session control
5. Quality of service
6. Traffic control
7. Highly configurable connection based security policy
8. Detailed log analysis via GUI



■AAA RADIUS Control

1. Authentication, Authorization, Accounting control

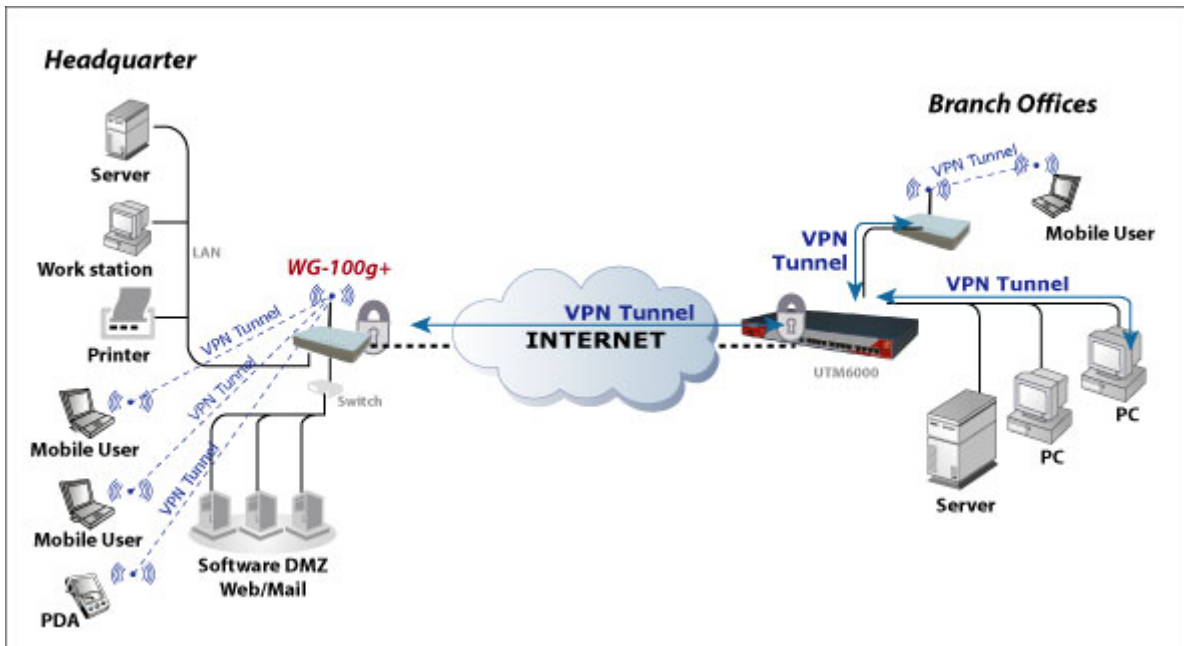
■Wireless Connection

1. IEEE 802.11b/g wireless access point
2. 64/128-bit WEP encryption
3. 802.1x authentication
4. WPA support

■Management

1. Friendly Web Based GUI
2. Automatic Time Synchronization
3. Online firmware update
4. Remote logging
5. Searchable Logs
6. Customizable Logging System (Firewall, VPN, DoS, Login)

Application Diagram



Hardware Specifications

- **Ports (10/100Mbps RJ45)** : WAN : 1 ports , LAN : 4 ports
- **Storage** : 4 MB
- **Memory** : 16 MB
- **Power** : 110 – 220V AC Power
- **LEDs** : Power/Status, WAN1, LAN1 – LAN 4
- **Dimension (mm)** : 141 (W)x100(D)x27(H)
- **Antenna** : Single Detachable Dipole Antenna(RP-SMA 2dBi)
- **Standard** : IEEE 802.11b, Wi-Fi compliant/IEEE 802.11g standard



This product is designed for the 2.4GHz WLAN network throughout the EC region



The Standard for
Wireless Fidelity.