**Wireless MAXg ADSL2+ Gateway**

Securely share your ADSL Internet connection and USB printer, over wireless or Ethernet connections, with the USRobotics Wireless MAXg™ ADSL2+ Gateway. This powerful multi-function device integrates the latest ADSL and MAXg wireless technologies for a complete home or small business broadband network. MAXg technology delivers a 50% range improvement over standard 802.11g and provides wireless speeds of up to 125 Mbps*, while support for ADSL2+ assures you optimal ADSL speeds up to 24 Mbps†. A full complement of security capabilities and an integrated USB print server provide for confident, flexible and high-performance wireless broadband networking.

### Five Products in One
- ADSL2+ Modem, MAXg Access Point, 4-Port Router, Firewall and USB Print Server

### Integrated Print Server
- Integrated print server turns a supported USB printer into a network printer which can be shared among all network users‡

### Support for Virtual Private Networks
- Establish secure connections over the Internet for access to corporate network resources (i.e. servers, databases, email, etc.)
- Support for Virtual Private Networks (VPN) pass-through (PPTP, IPSec and L2TP)
- Upgradable to support VPN (IPSec) termination**

### MAXg Technology
- **MAXimum Range** – 50% greater than standard 802.11g
- **MAXimum Speed** – 125 Mbps performance
- **MAXimum Security** – Industry leading security protects your network from hackers and unauthorized access from the Internet and from wireless interlopers
- **MAXimum Simplicity** – Simple 1-2-3 configuration will have you up and running in minutes and the Web-based diagnostics and connection monitoring software sets a new standard for convenience and ease of use

### Advanced ADSL Technology
- Support for the latest ADSL standards including ADSL2 and ADSL2+, for advanced speeds
- ATM QoS support for high quality Video over DSL (Bind ATM traffic to any Ethernet port)

### Complete Suite of Security Measures
- Advanced firewall (Stateful Packet Inspection & Denial of Service)
- Wi-Fi Protected Access 2 (WPA2)/802.11i, Wi-Fi Protected Access (WPA) and 802.1x Authentication
- 64/128-bit WEP encryption

### Industry Compatibility
- Meets or exceeds key industry standards for performance and compatibility. Supports TR-48, UR-2, and other performance standards for DSLAM interoperability
- Complete compatibility with standard 802.11b, 802.11g and accelerated wireless technologies
**General**
- MAXg Technology for up to 125 Mbps performance
- 802.11b/802.11g

**ADSL**
- ADSL2 (ITU-T G.992.3/ADSL2+ (ITU-T G.992.5): up to 24 Mbps
- S=1/2 for up to 12 Mbps
- Supports full-rate G.DMT (ITU-T G.992.1) and T1.413 Issue 2 ADSL: up to 8 Mbps downstream and up to 1 Mbps upstream
- Supports G.lite (ITU-T G.992.2) ADSL: up to 1.5 Mbps downstream and up to 512 Kbps upstream
- Supports DSL handshaking (ITU-T G.994.1)
- RFC 2516 PPP over Ethernet (Client)
- RFC 2364 PPP over ATM
- RFC 2684 (formerly 1483) Multi-protocol over ATM (Bridged and Routed)
- Annex A or B (ITU & ETSI)
- Multicast video streaming - VLAN

**Wireless & Firewall Security Features**
- WiFi Protected Access 2 (WPA2)/802.11i
- WiFi Protected Access, TKIP
- AES Encryption
- 64/128-bit Wired Equivalent Privacy (WEP) encryption
- SSID Broadcast Disabling
- WDS (Wireless Distribution System)
- Denial of Service
- IP Filtering – Destination for address or port and by IP protocol (outbound only)
- Syslog – Reporting of firewall events
- VPN Traversal (Pass-through IPSec, PPTP, L2TP)
- VPN termination upgradable
- SPI – Stateful Packet Inspection
- Password protected configuration access
- DMZ and virtual server support

**Physical**
- 2 dBi swivel dipole removable antenna with reverse polarity SMA connector
- 4 RJ-45, 10/100 auto-sensing/auto-switching Ethernet ports
- RJ-11 ADSL port
- USB 1.1/2.0 port (for attaching USB printer)

**User Features**
- IP Quality of Service (QoS)
- Dynamic DNS
- Parental Control (Time of Day & Days of Week)

**Frequency Band**
- 2400 – 2462 MHz for North America
- 2400 – 2483.5 MHz for ETSI
- 2454 – 2483.5 MHz for France, Outdoor 10mW
- RF Output Power: 19.8 dBm EIRP Average

**Operating Channels**
- 11 channels for North America
- 13 channels for ETSI

**Regulatory**
- EMI - FCC Class B
- Safety - UL, CUL
- EMI & Safety - CE Class B

**Package Dimensions/Weight**
- 11 x 3.8 x 8.9 in (27.94 x 9.66 x 22.6 cm)
- 3 lb (1.362 kg)

**Product Dimensions/Weight**
- 5.5 x 9.2 x 1.6 in (13.97 x 23.36 x 4.06 cm)
- 1 lb (0.454 kg)

**Minimum Systems Requirements**
- HTML configuration is supported by any computer that supports TCP/IP and HTML Web Browser (4.01 specification or greater)
- Ethernet networking requires computers with an installed network interface card (NIC)
- Print Server works with any printer that supports a page description language (e.g. PostScript, PCL, etc.)

**Package Contents**
- USRobotics Wireless MAXg ADSL Gateway
- Ethernet Cable
- Phone Cable
- Power Adapter
- Quick Installation Guide
- Installation CD-ROM
- Swivel Antenna
- Microfilter (included in some models)

**Warranty**
- 2-year limited manufacturer warranty from date of purchase

*Actual performance may vary depending on operating environment and distance between networked devices.
† ADSL speeds depend on telephone company/ISP service offerings and distance from telco central office.
‡ Works with USB printers that support a page description language (e.g. PostScript, PCL, etc.).
** When available there will be a fee associated with this upgrade.

For connection to the Public Switched Telephone Network (PSTN)