

USR5474

WIRELESS MAXg ADSL2+ NETWORKING KIT

WIRELESS MAXg ADSL GATEWAY AND USB ADAPTER

WITH INTEGRATED FIREWALL AND PRINTER SERVER

BROADBAND
WIRELESS NETWORKING

This USRobotics **MAXg™** Wireless ADSL2+ Networking Kit includes everything you need to connect to and share your ADSL Internet service, and bring the benefits of high-performance wireless networking to your home or business. The Wireless MAXg ADSL2+ Gateway 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† and the integrated USB printer server allows you to share/network compatible USB printers‡. When combined with the flexible Wireless MAXg USB Adapter, which can be plugged into a laptop or desktop PC, and a full complement of security capabilities, wireless networking has never been simpler or more convenient!

USRobotics®

Everything you need to connect to, and share, your ADSL Internet service



Six products in one

- ADSL2+ Modem, MAXg Access Point, 4-Port Router, Firewall, USB Print Server and MAXg USB Adapter

Share USB Printers

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

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)

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

Complete Suite of Security Measures

- Wi-Fi Protected Access 2 (WPA2)/802.11i and WPA
- 802.1x Authentication
- 64/128-bit WEP encryption
- Stateful Packet Inspection (SPI) firewall to prevent network intrusions
- Support for VPN pass through (PPTP, IPSec and L2TP)
- MAC address authentication and SSID disable

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**

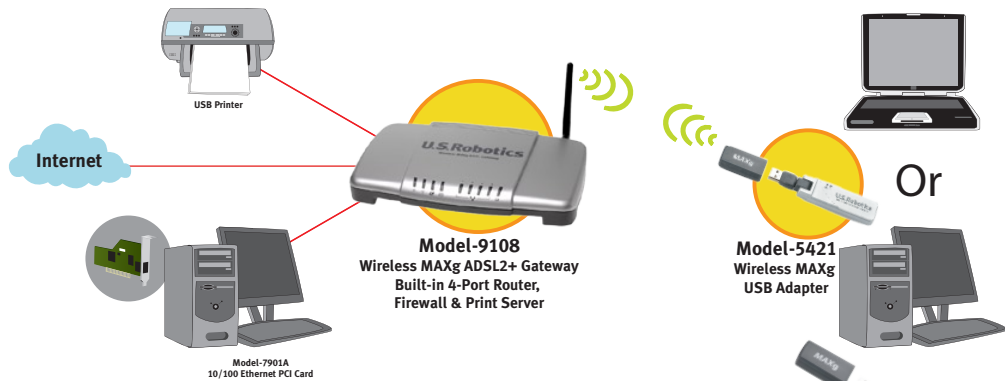
Flexibility

- USB Adapter works with laptop & desk PCs, delivering high performance with a USB 2.0 interface
- Also, USB Adapter Swivel/Directional antenna provides better coverage
- Router has detachable antenna with reverse SMA connector for attaching higher gain optional antennas

Excellent Compatibility

- Complete compatibility with standard 802.11b, 802.11g and accelerated wireless technologies





WIRELESS MAXg ADSL2+ NETWORKING KIT



USR5474 SPECIFICATIONS & STANDARDS

WIRELESS MAXg ADSL 2+ GATEWAY (MODEL 9108)

GENERAL

- MAXg Technology for up to 125 Mbps performance
- SureStart installation wizard
- Support for Universal Plug and Play (UPnP)
- Supports up to 253 users (with additional hubs/switches)
- DHCP server (LAN) and client (WAN)
- Static and Dynamic IP addressing
- PPP over Ethernet (PPPoE) and PPTP support
- DMZ host support

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

- SSID disable
- VPN Pass-through (IPSec, PPTP, L2TP)
- Stateful Packet Inspection (SPI) firewall
- MAC address authentication
- MAC address blacklist (64)
- Syslog Alerts

PHYSICAL

- One 2 dBi swivel dipole removable antenna with reverse polarity SMA connector
- One RJ-11 ADSL port
- Four RJ-45, 10/100 auto-sensing/auto-switching Ethernet LAN ports
- One USB 2.0 Port

WIRELESS MAXg USB ADAPTER (MODEL 5421)

GENERAL

- MAXg Technology for up to 125 Mbps performance
- SureStart installation wizard

PHYSICAL

- Swivel/direction antenna
- USB 2.0 connector

WIRELESS NETWORKING KIT

SECURITY FEATURES

- 802.11i (WPA2)
- Wi-Fi Protected Access (WPA), TKIP
- AES Encryption
- 64/128-bit Wired Equivalent Privacy (WEP) encryption
- 802.1x authentication

FREQUENCY BAND

- 2400 - 2462 MHz for North America
- 2400 - 2483.5 MHz for ETSI
- 2454 - 2483.5 MHz for France, Outdoor 10mW

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)

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 installed network interface card (NIC)
- Print Server works with any printer that supports a page description language (e.g. PostScript, PCL, etc.)
- CD ROM Drive
- USB Adapter requires 64 MB free RAM, USB 1.1/2.0 Port, Computer with Pentium II or equivalent (266 Mhz or faster) and Windows XP SP1 or higher or Windows 2000 SP4

PACKAGE CONTENTS

- USR9108 Wireless MAXg ADSL2+ Gateway with detachable 2 dBi antenna
- USR5421 Wireless MAXg USB Adapter
- Wireless ADSL2+ Gateway Power Adapter
- Quick Installation Guide
- Installation CD-ROM
- Ethernet Cable

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)

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