USR9108

WIRELESS MAXg ADSL2+ GATEWAY

BROADBAND
WIRELESS NETWORKING

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.

USRobotics®

Wi-Fi **b g** CERTIFIED

MAXg

Easy ADSL wireless networking for home or business

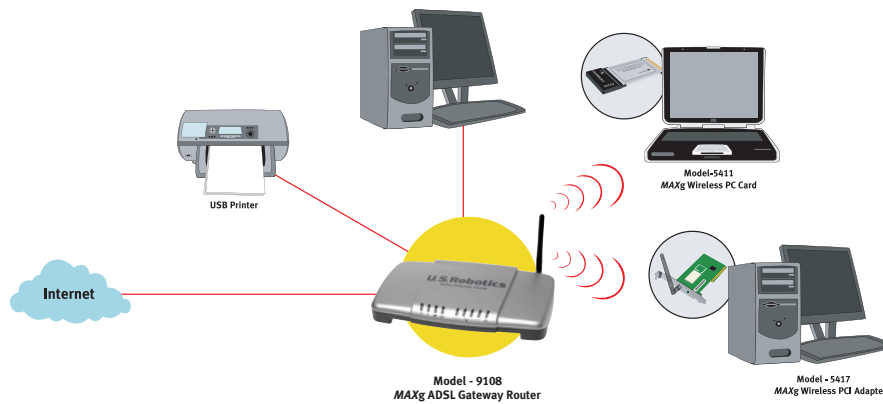|	
Five products in one	• ADSL2+ Modem, MAXg Access Point, 4-Port Router, Firewall and USB Print Server
Integrated Print Server	• Integrated print server turns a supported USB printer into a network printer which can be shared among all network users‡
Support for Virtual Private Networks	• Establish 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

MAXg | **24** Mbps ADSL | **ADSL ANNEX A, B, L & M** | | USB | **SIMPLE 1-2-3** | **Up to 125** Mbps Performance | **54** Mbps 802.11g | **11** Mbps 802.11b

USB Printer

Internet

Model - 9108
*MAX*g ADSL Gateway Router

Model-5411
*MAX*g Wireless PC Card

Model - 5417
*MAX*g Wireless PCI Adapter

WIRELESS MAXg ADSL GATEWAY

USR9108
SPECIFICATIONS & STANDARDS

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
• Wi-Fi Protected Access 2 (WPA2)/802.11i
• Wi-Fi Protected Access, TKIP
• AES Encryption
• 64/128-bit Wired Equivalent Privacy (WEP) encryption
• SSID Broadcast Disabling
• 802.1x authentication
• 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)

USRobotics®

IC Approved
Approuvé par IC

FC c(UL)us CE0560 !