Maximize the performance and flexibility of your ADSL broadband connection with the USRobotics Wireless *N*dx ADSL2+ Gateway. This powerful multi-function device integrates the latest ADSL and *N*dx wireless technologies for a complete home or small business broadband network. Featuring SecureEZSetup™ for simple and fast installation and security configuration, and exclusive *N*dx wireless technology, the gateway delivers wireless speeds up to 270 Mbps* and up to 5 times greater range than standard 802.11g. It is designed for total home/small business coverage and optimal performance. A full complement of security capabilities and an integrated USB print server provide for confident, flexible, and high-performance wireless networking, and support for ADSL2+ assures you optimal ADSL speeds up to 24 Mbps†.

USRobotics®

Advanced ADSL connectivity & powerful wireless networking in one simple solution

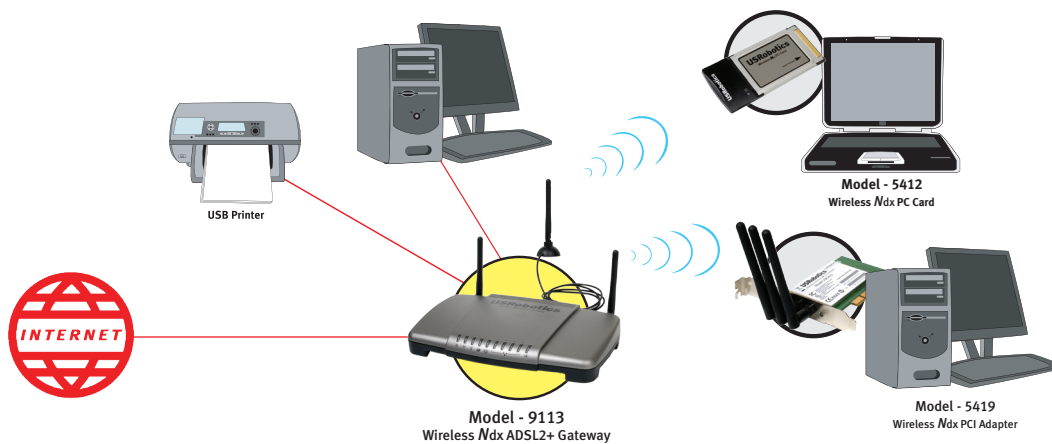|	
Five Products in One	• Wireless Access Point - 802.11g/802.11b compatible with *N*dx acceleration technology • 4-Port Ethernet Switch - Connect up to 4 Ethernet devices right out of the box • Broadband Router - Support up to 253 users (with additional Ethernet hubs/switches) • Print Server - Share a USB printer over the network‡ • Stateful Packet Inspection (SPI) Firewall – Protect your network from hackers
*N*dx *Technology*	• Incredible Range – 500% greater than standard 802.11g • Fantastic Speed – Up to 270 Mbps performance • Strong Security – Industry leading network and wireless security • Astounding Simplicity – Seamlessly install gateway, if appropriate an *N*dx wireless adapter, and set up security
Excellent Security	• Full suite of wireless security features including Wi-Fi Protected Access 2 (WPA2), WPA, 64/128-Bit WEP encryption, and 802.1x Authentication • For Businesses, support for IPSec Termination and VPN pass-through (IPSec, PPTP & L2TP) • For Home, Parental Control to limit Internet access
Advanced ADSL Technology	• Support for the latest ADSL standards including ADSL2 and ADSL2+; for advanced speeds up to 24 Mbps • ATM QoS support for high quality Video over DSL (Bind ATM traffic to any Ethernet port)
Broad Compatibility	• Works with 802.11g/b and accelerated wireless technology
Easy to Install and Use	• Simple installation with USRobotics' EasyConfigurator utility

Model - 5412
Wireless *N*dx PC Card

USB Printer

INTERNET

Model - 9113
Wireless *N*dx ADSL2+ Gateway

Model - 5419
Wireless *N*dx PCI Adapter

WIRELESS **N**dx ADSL2+ GATEWAY

802.11

MODEL 9113
SPECIFICATIONS & STANDARDS

General
- *N*dx, MAXg, 802.11g/b
- 802.11d (Bridge and Bridge Filtering)
- 802.11e (QoS)
- WMM Quality of Service (QoS) 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), Annex L & Annex M
- Multicast video streaming

Router
- DHCP Server (LAN), DHCP Client (WAN)
- Supports up to 253 users

Security
- Stateful Packet Inspection (SPI) firewall
- PPP Authentication: PAP, CHAP & MSCHAP
- VPN pass-through: IPSec, PPTP & L2TP
- Wireless Protected Access 2 (WPA2)/802.11i
- AES Encryption
- 64/128-Bit WEP Encryption
- WPA, TKIP
- 802.1x Authentication

Physical
- 10 LEDs: Power, Wireless, SecureEZSetup, WAN IP, ADSL, LAN (4), Printer
- Annex A version: 4 RJ-45 Ports, 1 RJ-11 Port (4 LAN, 1 WAN)
- Annex B version: 5 RJ-45 Ports (4 LAN, 1 WAN)
- USB 1.1/2.0 port (for attaching USB printer)
- 3 Reverse SMA 2 dBi Antennas (one with cable and desktop base)

Frequency Band
- 2400 ~ 2483.5 MHz for ETSI

ENVIRONMENTAL
- **Temperature:** Operating Temperature conditions: 0 to 50 degrees C, Non-Operating Temperature conditions: -20 to 70 degrees C
- **Humidity:** Operating Humidity conditions: 95% non-condensing, Non-Operating Humidity conditions: 95% non-condensing

Operating Channels
- 13 channels for EMEA ETSI

Regulatory
- 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)

Languages
- **Retail Box:** English, French, Italian, German, Dutch, Spanish, Turkish
- **Installation Guide**: English, French, Italian, German, Dutch, Spanish, Turkish
- **CD ROM User Guide**: English, French, Italian, German, Spanish, Arabic, Dutch, Greek, Turkish

Package Contents
- USRobotics *N*dx ADSL2+Gateway
- 2 Reverse SMA 2 dBi Antennas (female)
- 1 Reverse SMA 2 dBi Cabled Desktop Antenna
- Power Supply
- Ethernet Cable
- Phone Cable and/or Microfilter
- Quick Installation Guide
- CD-ROM with User Manual

Minimum System 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.)
- CD-ROM drive

Warranty
- Two-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.).

Annex A model: For connection to the Public Switched Telephone Network (PSTN)
Annex B model: For connection to the Integrated Services Digital Network (ISDN)

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CE 0560 ! RoHS 2002/95/EC