

Model 5420 Wireless USB Adapter



Features and Benefits

Fast wireless connectivity with your USB connection

Easy to Use

Takes advantage of USB 1.1 or USB 2.0 ports.
– No need to open the PC to install, no tools needed.
– USB powered (no power supply needed).
– Profile Manager for automatically connecting to wireless networks you commonly use.

Blazing Fast

Includes 54g+ technology for up to 25% better performance.*

Secure

Multiple layers of security protects your data from hackers: WEP 64, 128-bit encryption, TKIP, 802.1x, WPA, AES[‡], VPN Transport.

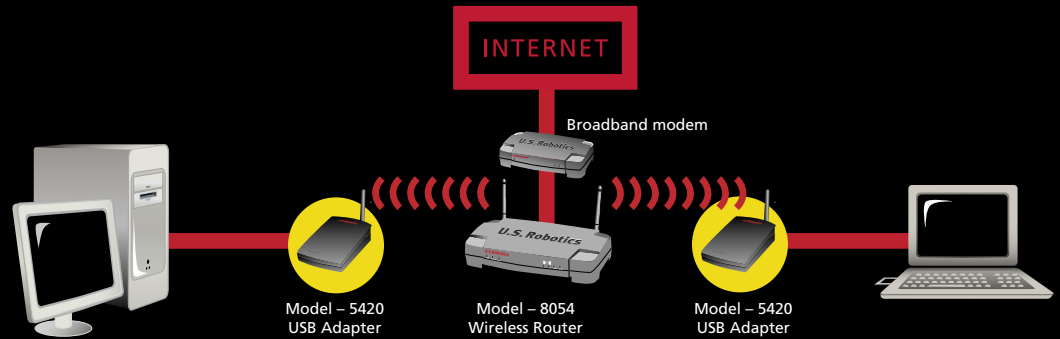
Compatible

Great compatibility to work with all 802.11g and 802.11b wireless products.†

Range

Greater range and better coverage than conventional USB wireless products.

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Specifications & Standards

- Complies with IEEE 802.11g 54 Mbps and 802.11b 11 Mbps wireless standards
- USB 2.0 & USB 1.1 compliant
- 54g+ technology for up to 25% better performance*
- Operating Channels: 11 (US, Canada), 13 (Europe – ETSI)
- USB power consumption – 500mA
- MBTF 633,854
- Upgradable Firmware

Configuration Methods

- Client-based configuration software for easy configuration for less technical end-users
- Profile Manager for automatically connecting to frequently accessed wireless networks

Security Features

- 64/128 bit Wired Equivalent Privacy (WEP) Data Encryption
- Wi-Fi Protected Access compliant (WPA)
- 802.1x support (Windows XP and Windows 2000 with Service Pack 4 only)
- Wireless VPN pass-through support
- AES Encryption (future firmware upgrade)

Data modulation types

- BPSK, QPSK, CCK, OFDM

Radio

- Complies with IEEE 802.11g 54 Mbps wireless standard
- Emission Type
 - Direct Sequence Spread Spectrum (DSSS)
- RF Frequency
 - 2400MHz – 2483.5MHz – North America and Europe (ETSI)
 - Frequency Stability within +/- 25 ppm
- Operating Channels
 - 11 Channels (US, Canada)
 - 13 Channels (Europe – ETSI)
- RF Output Power+ 16 to 18 dBm
- Media Access
 - CSMA/CA (Collision Avoidance) with ACK
- Sensitivity (Minimum receive level)
 - -80 dBm
- Antenna Type
 - Built-in single dipole antenna
 - 2dBi maximum gain

Data Rate

- 54/48/36/24/18/12/9/6 Mbps auto fall back 802.11g mode
- 11/5.5/2/1 Mbps auto fall back 802.11b mode

Package Contents

- U.S. Robotics 802.11g Wireless USB Adapter
- Installation Map (U.S./Can) or Multi-Language Quick Installation Guide (Europe)
- Installation/User Manual CD-ROM
- USB Cable

Package Dimensions/Weight

- Dimensions
- Length 9.75 in. (24.7 cm)
 - Width 7.5 in. (19.05 cm)
 - Height 2.5 in. (6.35 cm)
- Weight
- 1.0 lb (0.454 kg)

Product Dimensions/Weight

- Dimensions
- Length 3.75 in. (9.52 cm)
 - Width 3 in. (7.62 cm)
 - Height 1 in. (2.54 cm)
- Weight
- 0.2 lb (0.09 kg)

Minimum System Requirements

- Microsoft Windows 98SE, Me, 2000 (Service Pack 4 Required), XP (Service Pack 1 Required)
- PC with Pentium processor or equivalent, 100 MHz minimum
- CD-ROM drive

General Wireless Networking Requirements

- 802.11g or 802.11b Wireless Router or Wireless Access Point

Warranty

- Two-year limited manufacturer warranty from date of purchase

Model Number

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* U.S. Robotics is compliant with all 802.11g and 802.11b standards. When used with other products which support standards-based Frame Bursting, 54g+ provides up to a 25% performance improvement over standard 802.11g products. Actual performance may vary depending on operating environment and distance between networked devices.

† U.S. Robotics 22 Mbps products will automatically fall back to 11 Mbps when working with this product.

‡ Future release (free download).

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