

Model 5430 Wireless Gaming Adapter & Ethernet Bridge



Features and Benefits

Makes any Ethernet device wireless

Easy to Use

Automatic Configuration for true Plug and Play functionality – Just plug it into your PS2, Xbox or other Ethernet enabled gaming console, power it up and it will automatically connect to the nearest access point.

Blazing Fast

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

Flexible

Easily provide high-speed wireless connectivity to any device with an Ethernet port (DVR, printer, Linux computer, Macintosh, Internet appliances, etc.).

Secure

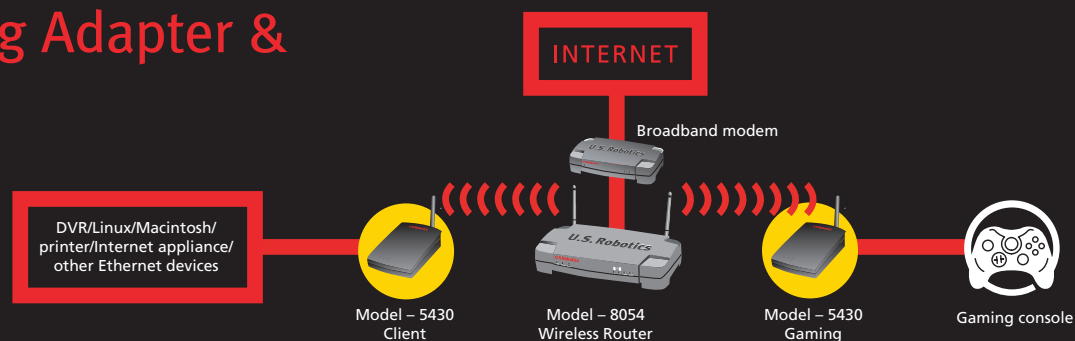
Powerful security capability including 64/128-bit WEP encryption, Wi-Fi Protected Access (WPA)‡ and 802.1x network authentication support.‡

Compatible

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

Model 5430

Wireless Gaming Adapter & Ethernet Bridge



Specifications & Standards

- Complies with IEEE 802.11g 54 Mbps and 802.11b 11 Mbps wireless standards
- One RJ-45 10/100 auto-switching and auto-sensing Ethernet LAN port
- Automatic signal detection
- Client Mode (Internet Gaming or Ethernet Device) and Ad-hoc Mode (Head-to-Head)
- Dynamic Channel Allocation so that the device will automatically find the AP
- MBTF 311,004 hours
- Reset switch
- Upgradable firmware

Configuration Methods

- Auto-configure except in encrypted environments
- HTML-based configuration with Explorer 4.0 or higher and Netscape 4.0 or higher

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[‡]

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
 - Detachable dipole antenna
 - Connector type: RP SMA

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
- Installation Map (US/Can) or Multi-Language Quick Installation Guide (Europe)
- Trouble Shooting Guide (US/Can Only)
- Installation/User Manual CD-ROM
- Removable Swivel Dipole Antenna
- Power Supply (12V DC, 500mw positive tip)
- Ethernet 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
- 1.8 lb (0.816 kg)

Product Dimensions/Weight

- Dimensions
- Length 5.875 in. (14.92 cm)
- Width 3.625 in. (9.2 cm)
- Height 1 in. (2.54 cm)
- Weight
- 1 lb (0.454 kg)

Minimum System Requirements

- Works with any PC, Macintosh or device with an Ethernet 10/100 port
- Web browser for configuration of advanced modes

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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www.usr.com

* 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.

[‡] Future release (free download).

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