



Model 4402

Wireless-N Router

combines
4-port Ethernet Switch,
Wireless-N Access Point,
and More



- Connects to an ADSL Modem or Cable Modem for shared Internet access
- Router supports networks with up to 253 computers and other devices
- High data speeds and extended wireless coverage
- Provides advanced network security and easy setup

The Model 4402 wireless-N router is an excellent choice for almost any home or business. It supports high data speeds, a wide wireless coverage area, and up to 253 users. The Model 4402 connects easily to a broadband modem to provide shared Internet access to all the computers and other devices on its network. It features all the popular forms of wireless security, Wi-Fi Protected Setup (WPS), and local or remote configuration using a browser. And it's supported by Zoom Telephonics, a US-based leader in communication products since 1977.

- Typically connects to the Ethernet port of an ADSL Modem, Cable Modem, or other broadband modem to provide shared Internet access
- Built-in wireless-N router supports 802.11 n, g, b, and mixed wireless networks
- Built-in 4-port Ethernet switch allows direct connection of computers, Ethernet switches, HomePlug® adapters, and other network devices.
- Wireless data speeds up to 150 Mbps even without compression
- Wireless range is typically up to 1000 feet (304 meters) outdoors. Indoor range varies depending on walls and other obstructions.
- Can be configured as a Wireless Repeater to extend the reach of your network
- High security with WPS, 64 and 128 bit WEP, WPA, WPA2, NAT, SPI, protection from Denial of Service (DOS) attacks, MAC/ Port/IP filtering, and URL blocking
- Includes detachable external antenna to allow easy attachment of a special purpose antenna for the extraordinary situations where this is required
- Easy Installation and Setup with Universal Plug and Play and built-in setup wizard
- Highly interoperable product works with ADSL modems, Cable modems, WiMAX modems, Windows® and Macintosh® computers, Wi-Fi® compatible phones including the iPhone® and BlackBerry®, the iPod® Touch, Nintendo® DS, PlayStation PSP, HomePlug® adapters, VoIP adapters, and more.
- 1 year warranty and support by Zoom Telephonics, a communication products leader since 1977

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Model 4402 Wireless-N Router Specifications

Standards	<ul style="list-style-type: none">• 802.11b/g/n (Wireless LAN)
Interface	<ul style="list-style-type: none">• Four 10/100 Mbps RJ45 Ethernet LAN ports• One 10/100 Mbps RJ45 Ethernet WAN port
Product Configuration as a:	<ul style="list-style-type: none">• Broadband Router with integrated 4-port switch to support concurrent Internet access by wired and wireless clientsor a• Wireless access point for providing wireless access to a networkor a• Repeater to extend the range of a wireless network
Security	<ul style="list-style-type: none">• 64/ 128 bit, WEP (Wired Equivalent Privacy) with Pass Phrase• WPA (WiFi® Protected Access) and WPA2 with Pass Phrase
Radio Technology	<ul style="list-style-type: none">• 802.11b: Direct Sequence Spread Spectrum (DSSS)• 802.11g: Orthogonal Frequency Division Multiplexing (OFDM)• 802.11g: Orthogonal Frequency Division Multiplexing with Multiple Input and Multiple Output (MIMO)
Antennas	<ul style="list-style-type: none">• Adjustable omni-directional dipole antenna
Transmission Rates	<ul style="list-style-type: none">• 1 Mbps to 150 Mbps
Range Coverage	<ul style="list-style-type: none">• Indoor : Up to 100 Meters (328 Feet) depending on environment• 150 Mbps @20MHz - 68dBm (Typical)• 150 Mbps @40MHz - 65 dBm (Typical) • Outdoors: Up to 400 Meters (1312 Feet) depending on environment
Receiver Sensitivity	<ul style="list-style-type: none">• 54 Mbps: Typical -70 dbm @ (Typical)• 11 Mbps: Typical -88 dbm @ (Typical)
LED Status Indicators	<ul style="list-style-type: none">• Power• Wide Area Network Link/Activity• Wired LAN Activity: for each Ethernet port• Wireless LAN Activity
Wireless LAN Frequency Range	<ul style="list-style-type: none">• IEEE 802.11b/g/n 2.4000 to 2.4835 GHz• US (FCC) Channel 1 through 11• Europe (ETSI) Channel 1 through 13
Dimensions (L x W x H)	<ul style="list-style-type: none">• 136 x 87 x 24 mm (5.4 x 3.4 x .9 inches)
Weight	<ul style="list-style-type: none">• 152 grams / .32 LBS
Power Supply	<ul style="list-style-type: none">• Output: 12V DC, 1 Amp
Temperature	<ul style="list-style-type: none">• Operating 0° to 40° C (32° to 104° F)• Storage -0° to 70° C (-32° to 158° F)
Humidity	<ul style="list-style-type: none">• 5 -95% non-condensing
Transmit Power (typical)	<ul style="list-style-type: none">• 11b: 18± 1dBm• 11g: 15± 1dBm• 11n: 18± 1dBm
Compliance	<ul style="list-style-type: none">• FCC• CE• Restriction of Hazardous Substances (RoHS)

System Requirements

Configuration requires a computer with an Internet browser and either Wifi or an Ethernet port. Clients on the network must support TCP/IP.

Package Contents

- Wireless-N Router
- Energy-saving switching power cube, 100 to 240 VAC, 50/60 Hz
- Ethernet cable
- Quick Start Flyer in English and Spanish
- CD with User Manual in English and Spanish