



Wireless 150N USB Adapter

150N, USB, 1T1R, Detachable Antenna

Part No.: 524698

EAN-13: 0766623524698 | UPC: 766623524698

Get the most from your wireless network for your notebook or desktop PC.

The Wireless 150N USB Adapter is a compact high-speed adapter that allows you to connect your notebook or desktop PC to wireless networks at faster speeds than ever before. Now you can transfer or receive digital images, videos and MP3 files faster than ever, connecting to the wireless network with link speeds of up to 150 Mbps using the latest in wireless technology. This adapter is also compatible with 802.11b and 802.11g wireless access points and wireless routers, giving you the flexibility to start upgrading your wireless network without the need to replace your existing equipment.

Increased Throughput

The Wireless 150N USB Adapter supports up to 150 Mbps network link speed*, providing you with optimum throughput for your data networking applications. Whether you are downloading music, images or large text files, the Wireless 150N USB Adapter will optimize the performance of your wireless network, allowing you to spend your time more productively.

Detachable Antenna

The Wireless 150N USB Adapter features a detachable antenna that allows you to replace it with a more powerful one when longer range is required. The RP-SMA connector is compact and an industry standard, and can be used to connect a variety of antennas that are available through your preferred INTELLINET NETWORK SOLUTIONS dealer.

Convenient Setup

The Wireless 150N USB Adapter features a compact design that allows you to carry it with you wherever you go. And since it supports 802.11b, 802.11g and 802.11n, you can connect to a network at any public wireless hotspot. Whether you are home or at work, at an airport or at an Internet café, simply plug the Wireless 150N USB Adapter into an available USB port on your notebook or desktop PC and instantly start enjoying wireless connectivity.**

* Actual data throughput will vary. Network conditions and environmental factors — including volume of network traffic, building materials and construction, and network overhead — lower the actual data throughput rate.

** Environmental factors may adversely affect wireless signal range.

Features:

- Connects your desktop PC or notebook to a wireless network
- Includes detachable 3 dBi high-gain antenna with reverse SMA connector
- High transfer data rate - up to 150 Mbps
- Complies with 2.4 GHz IEEE 802.11n standard and is backward compatible with IEEE 802.11g/b standards
- Supports WMM (IEEE 802.11e QoS standard) prioritizing bandwidth for multi-media applications
- Supports WEP (64/128 bit), WPA and WPA2 data encryption
- Supports Hi-Speed USB 2.0/1.1 interface
- Supports Software AP function (turns your wireless client into a wireless access point)
- Supports CCX 2.0 (Cisco Compatible Extensions) for radio monitoring and fast roaming
- Supports the most popular operating systems: Windows XP, Vista and Windows 7
- Use with INTELLINET NETWORK SOLUTIONS Wireless N WLAN products for best compatibility and performance
- Three-Year Warranty

Specifications:

Standards

- IEEE 802.11b (11 Mbps Wireless LAN)
- IEEE 802.11g (54 Mbps Wireless LAN)
- Upward compatible to IEEE 802.11n (150 Mbps Wireless LAN)

General

- Interface: Hi-Speed USB 2.0
- Chipset: Ralink RT3070
- Frequency band: 2.4000 – 2.4835 GHz (Industrial Scientific Medical Band)
- Modulation technologies:
 - 802.11b: Direct Sequence Spread Spectrum (DSSS): DBPSK, DQPSK, CCK
 - 802.11g: Orthogonal Frequency Division Multiplexing (OFDM): BPSK, QPSK, 16QAM, 64QAM
 - 802.11n: Orthogonal Frequency Division Multiplexing (OFDM): BPSK, QPSK, 16QAM, 64QAM
- Security:
 - 64/128-bit WEP data encryption
 - WPA and WPA2
 - Cisco CCX
- Transmit power:
 - 11n: 14 dBm +/- 1.5 dBm
 - 11g: 14 dBm +/- 1.5 dBm

- 11b: 17 dBm +/- 1.5 dBm
- Receive sensitivity:
 - 150 Mbps OFDM: -70 dBm +/- 1.5 dBm
 - 54 Mbps OFDM: -78 dBm +/- 1.5 dBm
 - 11 Mbps CCK: -92 dBm +/- 1.5 dBm
- Certification: FCC Class B, CE Mark

LEDs

- Link/Activity

Environmental

- Dimensions: 10 (H) x 28 (W) x 89.6 (L) mm (0.4 x 1.1 x 3.5 in.)
- Weight: 0.17 kg (0.4 lbs.)
- Operating temperature: 0 – 40°C (32 – 104°F)
- Operating humidity: Max. 95% RH, non-condensing

System Requirements

- Notebook or Desktop PC with Pentium 1 GHz-compatible processor or higher
- Windows XP/Vista and Windows 7
- Available Hi-Speed USB 2.0 type-A port

Package Contents

- Wireless 150N USB Adapter w/ detachable antenna
- USB extension cable
- Quick installation guide
- Setup CD with user manual



