802.11n Wireless USB Adapter

The WNL-U554 supports Windows base systems, included 2000, XP and Vista. With high speed capability of WNL-U554, users can freely surf the Internet or enjoy the multimedia services via high wireless transmission anytime, anywhere.
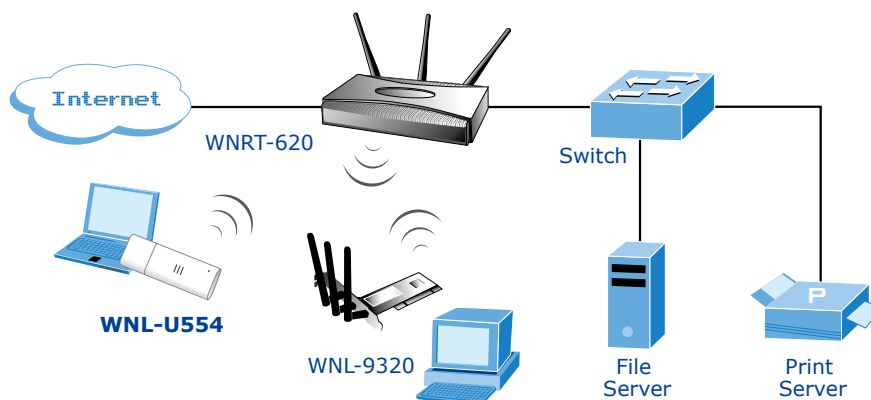
WNL-U554 wireless USB adapter adopts IEEE 802.11n technology and is backward compatible with IEEE 802.11b and 802.11g, offering a reliable and cost effective wireless solution. With the USB 2.0 interface that integrates one transmit channel and one concurrent receive channel, the WNL-U554 supports up to 75Mbps upload and 150Mbps download data rate for extending wireless coverage.

To ensure a secure wireless service, the WNL-U554 provides advanced security features including 64/128-Bits WEP, WPA, WPA2 and LEAP encryption. Moreover, in order to simplify the security configurations, WPS (Wi-Fi Protected Setup) is included to offer a convenient and fast method for users as well. Besides, the QoS-WMM feature maintains the high priority transition quality for multimedia packets.

KEY FEATURES

- 2.4GHz ISM band, unlicensed operation
- Compliant with IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
- USB 2.0 attached interface
- Antenna: Internal two Antennas with one TX and one RX
- Provides up to 150Mbps download and 75Mbps upload data rate
- Supports Wi-Fi Protected Setup (WPS)
- Supports WEP 64/128, WPA, WPA-PSK, WPA2, WPA2-PSK, LEAP
- Cisco CCX support
- Supports QoS-WMM (WiFi Multi-Media) function / WMM-PS
- Supports Software AP mode
- Supports most popular operating systems including Windows 2000 , XP , and Vista

APPLICATIONS

Easy use, safety connection and extend the battery life time

Connect WNL-U554 to your PC or notebook, you can share a wireless network and access a high-speed internet connection, file transmit or media stream in your office or home. With multiple advanced security features, the WNL-U554 enhances the safety connection. The WMM-PS (Power Save) feature helps to extend the battery life time as the WNL-U554 increases the efficiency and flexibility of data transmission. The WNL-U554 is one of the best choice for wireless environment.

Internet

WNRT-620

Switch

WNL-U554

WNL-9320

File Server

Print Server

SPECIFICATION

Product	802.11n Wireless USB Adapter
Model	WNL-U554
Standard	IEEE 802.11g / 802.11b / 802.11n
Interface	USB 1.1 / 2.0, Type-A
Operating Mode	Infrastructure / Ad-Hoc Mode, Soft-AP Mode
Data Encryption	WEP 64/128, WPA, WPA2 Cisco CCX support
Frequency	2.4000-2.4835 GHz
RF Modulation	802.11n: Orthogonal Frequency Division Multiplexing (OFDM): BPSK, QPSK, 16QAM, 64QAM 802.11g: Orthogonal Frequency Division Multiplexing (OFDM): BPSK, QPSK, 16QAM, 64QAM 802.11b: Direct Sequence Spread Spectrum (DSSS): DBPSK, DQPSK, CCK
Data Rate	802.11n (20MHz): up to 72 Mbps (40MHz): up to 150 Mbps 802.11g: 6/9/12/24/36/48/54Mbps 802.11b: 1/2/5.5/11Mbps
Output Power	18dBm (Max)
Operating Systems	Windows 2000 / XP / Vista
Temperature	Operating: 0 ~ 40 Degree C Storage: -20 ~ 60 Degree C
Humidity	Operating: 10-90% (Non-Condensing) Storage: 0-95% (Non-Condensing)
Dimension (W x D x H)	158 x 132 x 26 mm
Weight	140g (gross weight)

ORDERING INFORMATION

WNL-U554	802.11n Wireless USB Adapter

Data Sheet

08-08   C-WNL554