802.11n Wireless USB Adapter

WNL-U554A supports Windows base systems, included 2000, XP and Vista 32/64-bit. Via high speed capability of WNL-U554A, users can freely surf the Internet or enjoy the multimedia services via high wireless transmission anytime, anywhere.

WNL-U554A wireless USB adapter adapts IEEE 802.11n technology compatible with IEEE 802.11b and IEEE 802.11g, offering a reliable and cost effective wireless solution. With the interface of USB 2.0 that integrates one transmit channel and one concurrent receive channel, the WNL-U554A could support up to 150Mbps upload and 150Mbps download data rate. Furthermore, the WNL-U554A allows users to manually exchange higher gain antenna for further wireless coverage range with its detachable RP-SMA connector.

To ensure a highly secure wireless transmission, the WNL-U554A provides advanced security features including not only 64/128-Bits WEP, but also WPA, WPA2 and LEAP encryption. Moreover, in order to simplify the security configurations, WPS (Wi-Fi Protected Setup) is supported to offer a convenient and fast method for users. Besides, QoS-WMM feature maintains the high priority transition quality for multimedia packets.
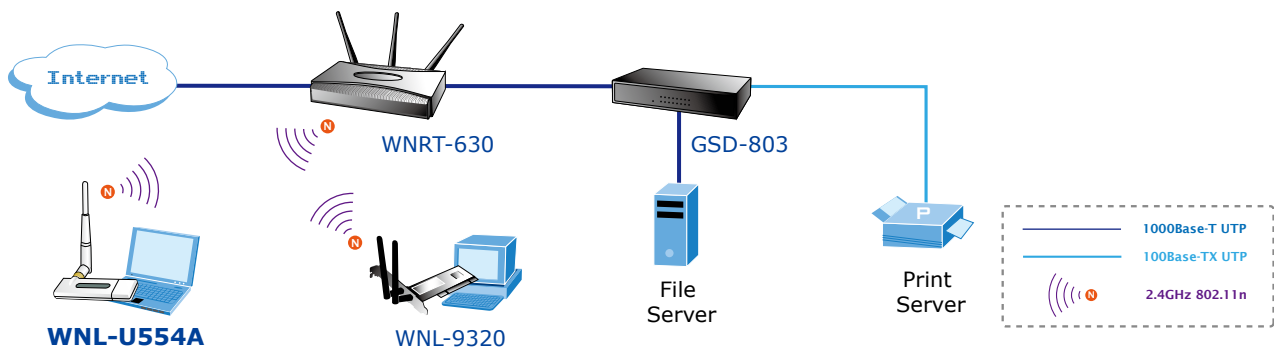
KEY FEATURES

- 2.4GHz ISM band, unlicensed operation
- Compliant with IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
- USB 2.0 attached interface
- Detachable RP-SMA connector with 3dBi dipole antenna
- Antenna: Internal two Antennas with one TX and one RX
- Provides up to 150Mbps download and 150Mbps 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 32/64-bit

APPLICATIONS

Easy use, safety connection and extend the battery time

Connect WNL-U554A to your PC or Notebook, you can share a wireless network and access a high-speed internet connection, file transmit, media stream in your office or home. With multiple-advanced security, the WNL-U554A enhances the safety connection. The WMM-PS (Power Save) feature helps to extend the battery time by increasing the efficiency and flexibility of data transmission. In all, the WNL-U554A is the ideal choice for wireless environment.

SPECIFICATION

Product	802.11n Wireless USB Adapter
Model	WNL-U554A
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 32/64-bit
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)	132 x 158 x 27 mm
Weight	160g (gross weight)

ORDERING INFORMATION

WNL-U554A	802.11n Wireless USB Adapter

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