



WU5214

802.11b/g/n Mini Wireless LAN USB2.0 Adapter

◆ Description

The **WU5214** is an IEEE802.11b/g/n USB adapter that connects your notebook to a wireless local area. The **WU5214** fully complies with IEEE 802.11n draft 3.0 and IEEE 802.11 b/g standards, delivers reliable, cost-effective, feature rich wireless connectivity at high throughput from an extended distance.

The **WU5214** is a very small adapter that can connect notebook, handheld or desktop computer equipped with USB interface for wireless network applications. It allows you to take full advantage of your notebook's mobility with access to real-time information and online services anytime and anywhere.

◆ Features

- 1T1R Mode with 150Mbps PHY Rate for both
- Complies with IEEE 802.11n draft 3.0 and IEEE 802.11 b/g standards
- Supports WEP 64/128, WPA, WPA2
- Supports WMM and WMM-PS
- Supports USB 2.0/1.1 interface
- Compatible with Microsoft Windows Vista, XP, 2000

◆ Application



◆ Specification

Standards	IEEE 802.11 b/g/n standards compliant
Antenna	Dipole antenna (2dBi)
Supported OS	Windows 2000, XP, Vista
Security	WEP 64/128 WPA, WPA2
Frequency Range	802.11b/g/n USA (FCC): 2.412GHz ~ 2.462GHz Europe (ETSI): 2.412GHz ~ 2.472 GHz Japan (TELEC): 2.412GHz ~ 2.472GHz
Number of Selectable Channels	802.11b/g/n: USA (FCC) 11 channels; EU (ETSI) 13 channels; Japan (TELEC) 13 channels
Data Rate	802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n(20MHz):MCS0~7, up to 72.22Mbps 802.11n(40MHz):MCS0~7, up to 150Mbps
Transmit Power (EIRP)	802.11b : 21+/-1 dBm (Typical) 802.11g : 17+/-1 dBm (Typical) Wireless-N : 17+/-1 dBm (Typical)
Receiver Sensitivity	11b 11Mbps :-76dBm 11g 54Mbps :-65dBm 11n-HT20 72.22Mbps :-62dBm 11n-HT40 150Mbps :-59dBm
Physical Specifications	Weight : 9.5g Dimension : 64.70(L)*20.50(W)*11.50(H) mm
Environment Specifications	Operating Temp : 0°C to 45°C Storage Temp : -20°C to 70°C Operating Humidity : 10% to 90% Non-Condensing Storage Humidity : 5% to 90% Non-Condensing
Power Requirement	DC 5V
Certifications:	FCC, CE