

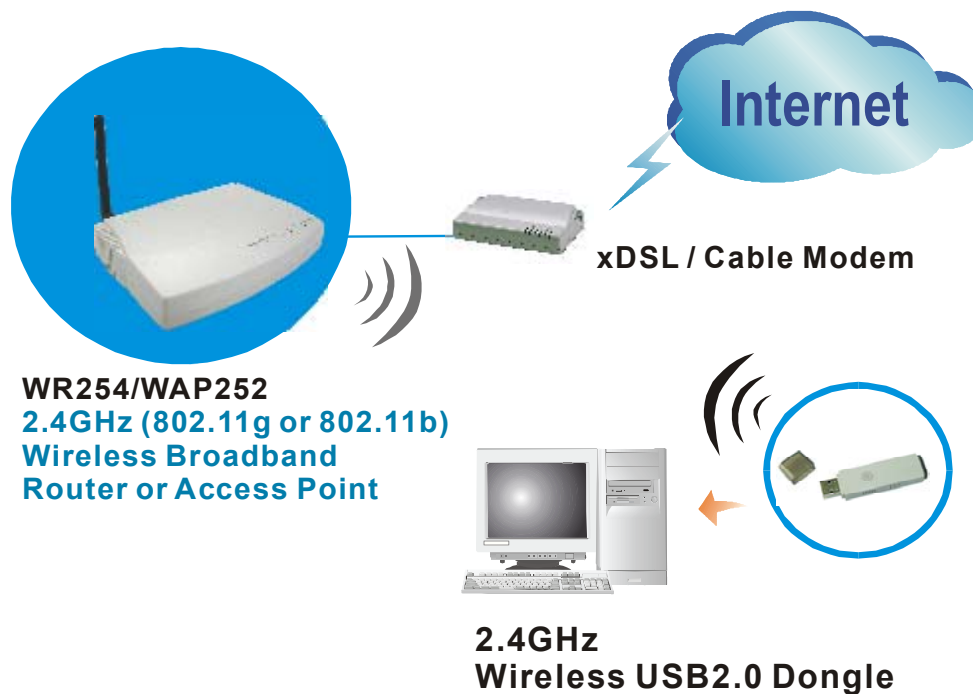
## 802.11g Wireless LAN USB Adapter



### FEATURES

- Compliant with IEEE802.11g standard for 2.4GHz Wireless LAN
- USB 2.0 compliant
- USB Plug & Play
- Interoperable with existing network infrastructure
- Secure information transmission
- Freedom to roam while staying connected
- Compatible with specialty wireless products and services
- Up to 54 Mbps data rate
- Antenna is built in the card with LEDs indication
- Low power consumption
- Easy to install and configure

### Application



## SPECIFICATIONS

### General:

<b>LED Indicator</b>	◆ Act/Link: Green
<b>Power Requirement</b>	◆ Operating Voltage: 5V DC ◆ TX consumption: 290 mA (Max) ◆ RX consumption: 240 mA (Max)
<b>Physical specification</b>	▪ Weight: 10 g ▪ Dimension: 71.5 (L) x 19 (W) x 9 (H) mm
<b>Supported OS</b>	◆ Windows 2000 /XP / ME/ 98SE
<b>Environment Specification</b>	◆ Operating Temperature: -5 ~ 45°C ambient temperature ◆ Storage Temperature: -20~70°C ambient temperature ◆ Operating humidity: 80% maximum (non-condensing) ◆ Storage humidity: 80% maximum (non-condensing)
<b>EMI Certification</b>	◆ FCC Part 15 in US ◆ EN300328 and EN300826 (EN301489-17) in Europe ◆ DGT and BSMI in Taiwan

### Wireless:

<b>Standard</b>	IEEE 802.11g
<b>Host Interface</b>	USB 2.0
<b>Antenna</b>	Chip Antenna
<b>Frequency Range</b>	2.412GHz ~ 2.4835GHz
<b>Number of Selectable Channels</b>	USA, Canada: 11 channels Japan: 14 channels Europe: 13 channels
<b>Modulation Technique</b>	Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK) Orthogonal frequency division multiplexing (OFDM)
<b>Security</b>	0/64/128 bit WEP WPA
<b>Media Access Protocol</b>	CSMA/CA (Collision Avoidance) with ACK
<b>Output power</b>	11g: 12 dBm 11b: 15 dBm
<b>Data Rate</b>	802.11g (54 Mbps, 48 Mbps, 36 Mbps, 24 Mbps, 18 Mbps, 12 Mbps, 9 Mbps, 6 Mbps) 802.11b (11 Mbps, 5.5 Mbps, 2 Mbps, 1 Mbps)
<b>Throughput</b>	20.5Mbps @ 54Mbps 5.7Mbps @ 11Mbps
<b>Outdoor Distance</b>	183M @54Mbps(FER<10%) 225M @11Mbps (PER<8%)
<b>Sensitivity</b>	-68dBm @54Mbps -80dBm @11Mbps