



WIFI-Link Technologies Inc.



WEB: www.wifi-link.com

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Wireless Lan 1000mW USB adapter

WL-USB-RSMA-30



The high power USB adapter comes with a 2.4 GHz, 5dBi Dipole antenna. With 10000mW high power (in 802.11b system), removable RP SMA Antenna, and rich features, the aluminum made-WL-USB-RSMA-30 is the ultimate solution for those users who requires maximum performance.

The supporting features such as WEP (64/128bit or 256-bit), WPA-PSK, WPA2-PSK and 802.11b/g will satisfy the need for all type users.

Specifications:

- Standard: IEEE 802.11b/g
- Frequency Range: 2.400GHz~2.48GHz
- Operating Frequency / Channel:
 - 2.412~2.462GHz(Canada, FCC) / 11Channels
 - 2.412~2.484GHz(Japan, TELEC) / 14 Channels
 - 2.412~2.472GHz(Euro, ETSI) / 13 Channels
- Modulation Technique:
 - Orthogonal frequency division multiplexing (OFDM)
 - Direct Sequence Spread Spectrum (CCK, DQPSK, DBOSK)
- Security: 64/128bit WEP, WPA(TKIP with IEEE 802.1x), WPA2(AES with IEEE 802.1x)
- Media Access Protocol: CSMA/CA (Collision Avoidance)
- Output Power (HIGH-POWER):
 - 11g:24dBm (Typical)±1
 - 11b:30dBm (Typical)±1
- Data Rate:
 - 11g: 54, 48, 36, 24, 18, 12, 9 and 6Mbps with auto-rate fall back
 - 11b: 11, 5.5, 2, and 1Mbps with auto-rate fall back



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- ✚ Sensitivity: 54Mbps: -68dBm/11Mbps: -80dBm
- ✚ Working Mode: Ad-Hoc or Infrastructure
- ✚ Throughput: 22Mbps@54Mbps; 5.5Mbps@11Mbps
- ✚ Interface: mini USB
- ✚ Operating Temperature: 0~60°C ambient temperature
- ✚ Storage Temperature: -20~70°C ambient temperature
- ✚ Power Consumption: 290mA at 5VDC (Max.)
- ✚ Operating & Storage Humidity: 10%~90%(non-condensing)
- ✚ Operating System Support: Windows® 98SE, ME, 2000, XP, SP2, Vista, MAC, Linux
- ✚ Approval: FCC Parts 15/CE