

Compact High power wireless USB adapter

USB-2450-03

802.11 b/g High-Power Wireless LAN USB adapter (1W)

- Up to 30dBm \pm 1 output power
- IEEE802.11b / g
- Up to 54 Mbps data rate
- USB 2.0 interface
- Soft AP feature supported





Specification

Technical Information	
Product Name	WLAN USB Adapter (USB-2450-03)
Standard	IEEE 802.11b, IEEE 802.11g (WiFi Compatible)
Chipset	RTL8187L
Antenna Connector	5dBi
Frequency Band	2400 ~ 2483 MHz
Operating Frequency/Channel	2.412~2.462GHz (Canada, FCC) / 11 Channels 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	64/128 bit WEP, WPA, WPA2, 802.1X and 802.11i
Media Access Protocol	CSMA/CA (Collision Avoidance)
Output Power (High-Power)	11g : 24dBm (Typical) \pm 1 11b : 30dBm (Typical) \pm 1
Data Rate	IEEE 802.11b: 11, 5.5, 2 and 1Mbps with auto-rate fall back IEEE 802.11g: 54, 48, 36, 24, 18, 12, 9 and 6Mbps with auto-rate fall back
Sensitivity	54Mbps: -68dBm 11Mbps: -80dBm
Working Mode	Ad-Hoc or Infrastructure
Throughput	22Mbps@54Mbps ; 5.5Mbps@11Mbps
Interface	Mini USB
Operating Temperature	0 ~ 60 degree ambient temperature
Storage Temperature	-20 ~ 70 degree ambient temperature
Operating & Storage Humidity	10% ~ 90% (non-condensing)
Operating System Support	Windows 98SE, ME, 2000, XP, SP2, VISTA, MAC, LINUX
Approval	FCC Parts 15

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