



High Powered wireless USB / Client for use in ISM band of 2.4GHz. The high power output enables long distance mobile connectivity.

- RF Output 35dBm EIRP
- Receive Sensitivity (-100dBm)
- USB Powered for Ultimate Mobility
- Lightweight (2 oz.)
- Removable antenna w/ RP-SMA connector

Standard Compliance:	IEEE 802.11 Based MAC/PHY (802.11b/g) Radio board is 802.11 b/g	
Modulation:	OFDM w/ BPSK, QPSK, CCK	
Frequency Band:	<p>2.4GHz: IEEE 802.11b/g ISM Band USA (FCC): 2.412 GHz ~ 2.462 GHz (CH1 ~ CH11) Europe (ETSI): 2.412 GHz ~ 2.472 GHz (CH1 ~ CH13) Japan (TELEC): 11b: 2.412 Ghz ~ 2.484 GHz (CH1 ~ CH14) 11g: 2.412 GHz ~ 2.472 Ghz (CH1 ~ Ch13)</p>	
Data Rate:	54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, and 1 Mbps	
Output Power (30dBm) US (radio only)	<p>IEEE 802.11b: 30dBm (+/- 1.5dB) @ 1/2/5.5/11Mbps IEEE 802.11g: 20dBm (+/- 1.5dB) @ 54 Mbps 21dBm (+/- 1.5dB) @ 48 Mbps 22dBm (+/- 1.5dB) @ 36 Mbps 23dBm (+/- 1.5dB) @ 24~6 Mbps</p>	
Receive Sensitivity	-100dBm	
Enclosure:	Machine Aluminum	
Receive Sensitivity:	<p>IEEE 802.11g</p> <p>54Mbps: ≤ -72dBm 48Mbps: ≤ -75dBm 36Mbps: ≤ -78dBm 24Mbps: ≤ -82dBm 18Mbps: ≤ -84dBm 12Mbps: ≤ -86dBm 9Mbps: ≤ -88dBm 6Mbps: ≤ -90dBm</p>	<p>IEEE 802.11b</p> <p>11Mbps: ≤ -87dBm 5.5Mbps: ≤ -88dBm 2Mbps: ≤ -90dBm 1.6Mbps: ≤ -92dBm</p>
RF Channels	3 Non-overlapping Channels	
Data Security:	WPA/WPA2, 64/128/256 bit WEP	

Power:	5V DC - USB (2 USB ports required)
Antenna Gain:	5dBi rubber duck antenna
Antenna Connector:	RP-SMA
LED	Green: Active Red: Booster power
Dimension:	2.2in x 1in x 0.8in
Weight:	2 ounces (oz)
Operating Temp	0 degrees C to 50 degrees C
Humidity	5- 90% non condensing
Included:	<p>Wireless USB adapter</p> <p>3ft USB extension cable</p> <p>5dBi rubber duck antenna</p> <p>CD-ROM- MS98-XP, Vista, Linux, and MAC</p>

