



# WLAN USB Adapter

## 802.11 b/g High-Power Wireless LAN USB (500mW)

High Power WLAN USB adapter fully supports the features and functional compliance of IEEE 802.11b/g standard. It enables the deployment the latest updated WMMTM (Wi-Fi Multimedia). Our WLAN USB provides competitive price, high power and stable performance to PC & NB in wireless network world.

### Features: WLAN USB adapter + 5 dBi dipole Antenna

- Power up to 500mW
- High power in compact size - mini palm
- Constant and stable performance
- User-friendly and easy installation.
- Operating distance of up to 1000 meters (depending on surrounding environment)
- Support Software AP mode and WMMTM (Wi-Fi Multimedia) function
- USB 2.0/1.1 interface.

### Specification:

|                        |   |
|------------------------|---|
| Model                  | WLAN USB adapter  |
| Standard:              | IEEE 802.11b, IEEE 802.11g (WiFi Compatible)                                      |
| Chipset:               | Realtek 8187B + 8225  |
| Frequency Band:        | 2.412GHz ~ 2.484GHz unlicensed ISM band   |
| Data Rate:             | IEEE 802.11b: 1, 2, 5.5, 11Mbps<br>IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps |
| Transmitter Power:     | 11g: 15 ± 2dBm@54Mbps, EVM<-24dB<br>11b : 25 ± 2dBm, EVM <35%                     |
| Receive Sensitivity:   | Operating at 11Mbps: < -82dBm@8%PER,<br>54Mbps: < -65dBm@10%PER                   |
| Operating Range:       | Up to 1000M, depending on surrounding environment                                 |
| Power Consumption:     | Transmit: < 600mA ; Receive: < 400mA  |
| Antenna                | attached dipole Antenna   |
| Security:              | WEP (64/128/256bit), WPA, WPA-PSK, WPA2 TKIP/AES, WPA2-PSK                        |
| I/O Interface:         | USB2.0/1.1  |
| Operating System:      | Windows98SE, ME, 2000, XP, SP2, Vista, MAC, Linux                                 |
| Operating Temperature: | -10 ~ 55 Celsius  |
| Storage Temperature:   | -20 ~ 70 Celsius  |
| Humidity:              | 10 ~90% (non-condensing)  |
| Size:                  | Palm: 6.5 (L)x4.0 (W)x1.5 (H)cm ; BOX: 15(L)x16(W)x3.8(H)cm                       |
| Weight:                | Palm: 37.8g (Color BOX: 200g)   |
| Warranty               | 1 year  |



Item# 11-103