LP-570G High Power USB WLAN Adaptor with external antenna
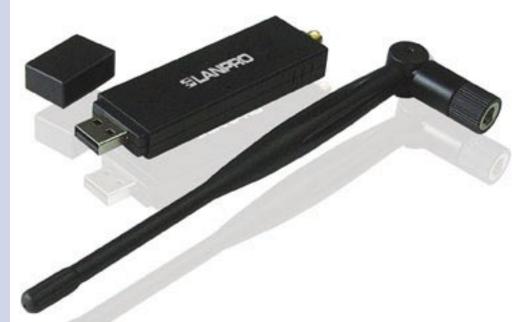
LP570G_SS_ENB01W

Characteristics

- 2.412GHz ~ 2.484GHz unlicensed ISM frequency band.

- Operating distance of up to 450 meters in free space.

- Supports Software AP mode and WMM™ (Wi-Fi Multimedia) function.

- Support USB 2.0/1.1 interface.

- 64-bit, 128-bit or 256-bit WEP/WPA/WPA2.

- Support for Microsoft Windows 2000, XP, XP x64, MAC, Linux and Vista.

- Easy operation and setting up.

- Security: WEP (64,128,256 bit), WPA, WPA-PSK, WPA2 TKIP, WPA2-PSK.

- SMA connector for an external antenna.

LP-570G High Power WLAN adaptor with external antenna

The the LP-570G is a High Power WLAN USB Adapter with an external antenna that fully supports the features and functional compliance of IEEE 802.11 b/g standard, it enables the deployment of the latest update of the WMM™ (Wi-Fi Multimedia) standard and is targeted at a better competitive price-performance, better power management, high volume desktop and notebook PCs. The combination of it´s 20 dBm(100 mW) output power and External Antenna allows this device to perform as a powerful Access Point (AP).

A **Technical Specifications**

ELECTRONICS	
Interface: A-type USB 2.0 Connector	
Standards: IEEE802.11b; IEEE802.11g	
Operating System: Windows Me, 2000, XP, Vista, Linux, Macintosh	
Transmission Distance: Indoors, up to 100m, outdoors up to 450m (it is limited by the physical characteristics of the terrain and obstacles).	
Radio Data Rate: 54/48/36/24/18/12/9/6Mbps or 11/5.5/3/2/1Mbps (Auto Rate Sensing)	
Modulation: 1M DBPSK; 2M DQPSK; 5.5M, 11M CCK; 6M, 9M, 12M, 18M, 24M, 36M, 48M, 54M OFDM.	
Media Access Protocol: CSMA/CA with ACK	
Transmit Power: 22dBm (Typical)	
Antenna Conector: Standard SMA	
Data Security: WPA; 64/128 BIT WEP; TKIP/AES; IEEE802.1x authentication	
Frequency: 2.4 ~ 2.4835GHz	
RF Modulation: Spread Spectrum Direct Sequence Spread Spectrum (DSSS)	
Power Consumption: Typically 480mA in full Transmit (TX), 420mA in full Receive (RX)	
Safety & Emissions: FCC, CE.	
PHYSICAL, ENVIRONMENTAL	
Operating Temp: 0ºC~40ºC (32º~104º)	
Storage Temp: -40ºC – 70ºC (-40ºC~158ºC)	
Humidity: 10% - 95% RH, Non-condensing	
Dimensions: (L×W×H) 3.4×1.0×0.5 in. (86×26×12 mm)	

B **How to order**

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