

LP-8617N (100mW)

Compact 802.11 B/G/N Wireless USB Dongle (1T1R)



Main Features

- Support advanced 1 x 1 Technology with up to 150Mbps downstream data rate
- Low Noise Amplifier(LNA) support
- Complies with 2.4GHz 1b/g/n standards
- Support 20MHz and 40MHz bandwidth
- Multiple BSSID support
- Wireless security - 64/128bit WEP, WPA , WPA2
- QoS enhancement - WMM
- Link/Activity LED indicator
- USB 2.0 Interface
- Support Soft AP

Specification

Standard

IEEE 802.11 b/g/n

Antenna

One detachable 2dBi Antenna

Chipset – Realtek RTL8188EUS

Frequency Band

2.400GHz ~ 2.484GHz unlicensed ISM band

Modulation Technique

Orthogonal frequency division multiplexing(OFDM)

Direct Sequence Spread Spectrum (PBCC,
CCK,DQPSK,DBPSK)

Data Rate

802.11b : 11,5.5,2 and 1 Mbps with auto-rate
fall back

802.11g : 54,48,36,24,18,12,9&6 Mbps

802.11n : 300,150,54,48,36,24,12,9,6,11,5.5,2,1
Mbps(Auto Rate Sensing)

Sensitivity

-95dBm @ 802.11b

-92dBm @ 802.11g

-90dBm @ 802.11n

Security

64/128 bit WEP

WPA

WPA2(TKIP/AES)

Driver support

Window ® Win7 32/64 · Win8.1 32/64

RF Output Power (Typical)

802.11b: up to 20 ± 1 dBm

802.11g: up to 16 ± 1 dBm

802.11n: up to 15 ± 1 dBm

Working mode

Infrastructure

Ad-Hoc

Soft AP

Operation Voltage

5V DC

Host Interface

USB 2.0

Operation Temperature

-20°C ~ 60°C

Storage Temperature

-20°C ~ 70°C ambient temperature

Storage Humidity

10% ~ 90% (Non-condensing)

Approval

FCC Part 15