

LP-8797S (100mW)

802.11 A/B/G/N Wireless USB Adapter



Main Features

- 2T2R Mode with 300Mbps PHY Rate
- Complies with 802.11a/b/g/n standards
- Supports WEP 64/128, WPA, WPA2
- Supports USB 2.0 interface
- Compatible with Microsoft Windows Vista/XP/WIN7
- WiFi Direct supports wireless peer to peer applications
- Support Soft AP

Specification

Standard

IEEE 802.11 a/b/g/n

Antenna

Two internal Printed Antennas

Chipset – Realtek RTL8192DU

Frequency Band

2.400GHz ~ 2.484GHz

5.150GHz ~ 5.850GHz

Data Rate

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

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

802.11n : (20MHz) : up to 72/144 Mbps

802.11n : (40MHz) : up to 150/300 Mbps

Modulation

802.11b : DSSS(DBPSK,DQPSK,CCK)

802.11a/g : OFDM(BPSK, QPSK,16-QAM,64-QAM)

802.11n : OFDM(BPSK, QPSK,16-QAM,64-QAM)

Sensitivity

-86dBm @ 802.11a

-97dBm @ 802.11b

-88dBm @ 802.11g

-88dBm @ 802.11n

Security

64/128 bit WEP

WPA(TKIP with IEEE 802.1x)

WPA2(AES with IEEE 802.1X)

Media Access Control

CSMA/CA

Operation Voltage

5V DC

RF Output Power (Typical)

802.11a: up to 15 ± 1 dBm

802.11b: up to 19 ± 1 dBm

802.11g: up to 15 ± 1 dBm

802.11n: up to 14 ± 1 dBm

Interface

USB 2.0

Operation system Support

Window ®XP 32/64,Vista 32/64, Win 7 32/64

Dimension(mm)

64(L)x22(W)x9(H)mm

Operation Temperature

0°C ~ 60°C

Storage Temperature

-20°C ~ 70°C ambient temperature

Storage Humidity

10% ~ 90% (Non-condensing)