

## LP-8627S (100mW)

Compact 802.11 B/G/N Wireless Mini USB Dongle



### Main Features

- Support advanced 1 x 1 Technology with up to 150Mbps downstream data rate
- Complies with 2.4GHz IEEE802.11 b/g/n standards
- 20MHz and 40MHz bandwidth transmission
- Wireless security - 64/128bit WEP, WPA, WPA2
- QoS Enhancement WMM
- DSSS with DBPSK and DQPSK, CCK modulation with long and short preamble
- OFDM with BPSK, QPSK, 16QAM and 64QAM modulation.
- USB 2.0 Interface
- WPS hardware button
- Support Soft AP

## Specification

### Standard

IEEE 802.11 b/g/n

### Antenna

Build in Antenna\*1

### Chipset – Realtek RTL8188CUS

### Frequency Band

2.400GHz ~ 2.484GHz unlicensed ISM band

### Modulation Technique

Orthogonal frequency division multiplexing(OFDM)

Direct Sequence Spread Spectrum

(CCK, DQPSK, DBPSK)

### Security

64/128 bit WEP

WPA

WPA2(TKIP/AES)

### Output Power

802.11b: up to  $20 \pm 1$  dBm

802.11g: up to  $16 \pm 1$  dBm

802.11n: up to  $15 \pm 1$  dBm

### 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 with auto-rate fall back

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

### Operation Voltage

5V DC

### Interface

USB 2.0

### Operation system Support

Window®2000,XP 32/64,Vista 32/64, Win 7 32/64

### Operation Temperature

0°C ~ 60°C ambient temperature

### Storage Temperature

-20°C ~ 70°C ambient temperature

### Storage Humidity

10% ~ 90% (Non-condensing)

### Sensitivity

-94dBm @ 802.11b

-89dBm @ 802.11g

-88dBm @ 802.11n

### Working mode

Infrastructure

Ad-Hoc

Soft AP