

## LP-8618SR (100mW)

802.11 B/G/N Indoor Wireless Smart Repeater(1T1R)



### Main Features

- Support advanced 1 x 1 Technology with up to 150Mbps downstream and upstream
- Complies with 2.4GHz IEEE802.11b/g/n standards
- Low Noise Amplifier(LNA) support
- Support 20MHz and 40 MHz bandwidth
- RF output power adjustable
- Wireless users access control
- NTP client
- Wireless security - 64/128bit WEP, WPA, WPA2, ACL
- QoS enhancement - WMM
- WPS(Wi-Fi Protected Setup) via PIN
- Easy quick setup wizard with web-based utility
- One detachable 5dBi antenna
- WPS hardware button

## Specification

### Standard

IEEE 802.11 b/g/n

### Antenna

One detachable 5dBi antenna

### Chipset – Realtek RTL8196C

### Frequency Band

2.400GHz ~ 2.484GHz

### 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&6Mbps

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

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

### Security

64/128 bit WEP

WPA(TKIP with IEEE 802.1x)

WPA2(AES with IEEE 802.1x)

WPA Mixed

### Media Access Control

CSMA/CA

### Power requirement

12V DC

### Operation Temperature

0°C ~ 60°C ambient temperature

### Storage Humidity

10% ~ 90% (Non-condensing)

### Sensitivity

-93dBm @ 802.11b

-91dBm @ 802.11g

-89dBm @ 802.11n

### Output Power(Typical)

802.11b: up to  $19 \pm 1$  dBm

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

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

### Dimension(mm)

146(L) x100(W) x24(H)

### Connector

One antennas connector

Five RJ-45 LAN port

Reset to default button

Power jack

WPS button