

## LP-8696P

802.11 b/g/n 2.4G Indoor Wireless Smart Repeater (2T2R)



### Main Features

- Support advanced 2 x 2 Technology with up to 300Mbps downstream and upstream
- Complies with 2.4GHz IEEE802.11b/g/n standards
- Support 20MHz and 40MHz bandwidth
- Operation mode: Smart Repeater
- TCP/UDP/ICMP/ARP protocol stack
- Wireless users access control
- Multiple SSID
- NTP client
- Wireless security - 64/128bit WEP, WPA TKIP, WPA2 AES
- WPS hardware button

## Specification

### Standard

IEEE 802.11 b/g/n

### Antenna

Two 2dBi fix external Antenna

### Chipset

RTL8196EU-VE3(32M SDRAM)+RTL8192ER

### Frequency Band

2.412GHz ~ 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 150Mbps

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

### Security

WPA

WPA2

WPA Mixed

### Power Supply

AC Plug (US/EU Type) 100~240VAC 50/60Hz 5Watt

### Operation Temperature

0°C ~ 40°C ambient temperature

### Storage Humidity

10% ~ 90% (Non-condensing)

### Sensitivity

-93dBm @ 802.11b

-91dBm @ 802.11g

-87dBm @ 802.11n

### Output Power(Typical)

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

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

802.11n: up to  $14 \pm 1$  dBm

### Dimension(mm)

101.9(L) x50.0(W) x35.1(H)

### Connector

One RJ-45 LAN port

Pressing WPS button will start WPS in 3 seconds

Pressing WPS button will start Reset in 5 seconds

Pressing Reset button will start the machine again

### Certification

FCC CE UL