

LP-8696C (100mW)

802.11 B/G/N Indoor Wireless AP Router(2T2R)

Main Features

- Support advanced 2 x 2 MIMO Technology with up to 300Mbps downstream and upstream
- Complies with 2.4GHz IEEE802.11b/g/n standards
- Low Noise Amplifier(LNA) support
- Support 20MHz and 40 MHz bandwidth
- Operation mode: Bridge, Gateway, Wireless ISP
- Wireless mode: AP, Client, WDS, AP+WDS
- DHCP Server/Client
- RF output power adjustable
- Virtual DMZ, Port Forwarding
- Dynamic DNS
- TCP/UDP/ICMP/ARP protocol stack
- Firewall, URL/IP/Port/MAC filtering
- Wireless users access control
- Multiple SSID
- NTP client
- Wireless security - 64/128bit WEP, WPA, WPA2,ACL
- Support PPPoE, VPN pass-through(PPTP and L2TP)
- QoS enhancement - WMM
- WPS(Wi-Fi Protected Setup) via PIN
- Easy quick setup wizard with web-based utility
- Support Power over Ethernet (PoE passive)
- WPS hardware button



Specification

Standard

IEEE 802.11 b/g/n

Antenna

Two detachable 2dBi antennas

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 144Mbps

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

Operation Mode

Gateway

Bridge

Wireless ISP

Wireless Mode

AP

Client

WDS

AP+WDS

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

-88dBm @ 802.11g

-87dBm @ 802.11n

Output Power(Typical)

802.11b: up to 19 ± 1 dBm

802.11g: up to 16 ± 1 dBm

802.11n: up to 15 ± 1 dBm

Dimension(mm)

149(L) x104(W) x25(H)

Connector

Two antennas connector

One RJ-45 WAN port

Four RJ-45 LAN port

Reset to default button

Power jack

WPS button