

## LP-7516K

Outdoor High-Power 5GHz Wireless AP Router



### Main Features

- Complies with 5GHz IEEE802.11a/n standard
- Low Noise Amplifier(LNA) support
- Operation mode: Gateway, Bridge, WISP
- Wireless mode: AP, AP Client, AP+ WDS, WDS
- DHCP Server/Client
- Virtual DMZ, Port Forwarding
- Firewall, IP/Port/MAC filtering
- URL filtering
- Wireless users access control
- Wireless security - WEP, WPA, WPA2, ACL
- Support DHCP client, static IP, PPPoE, PPTP and L2TP for WAN connection
- Software WPS function
- Support Power over Ethernet (PoE passive)
- Support external antenna selection- (option)

## Specification

### Standard

IEEE 802.11 a/n

### Chipset

Ralink RT2880 + RT2750

### Frequency Band

5.180GHz ~ 5.825GHz

### Media Access Control

CSMA/CA

### Data Rate

802.11a : up to 54 Mbps

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

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

### Number of operation channel

5.18GHz-CH36

5.200GHz-CH40

5.220GHz-CH44

5.240GHz-CH48

5.745GHz-CH149 (Only for FCC)

5.765GHz-CH153 (Only for FCC)

5.785GHz-CH157 (Only for FCC)

5.805GHz-CH161 (Only for FCC)

5.825GHz-CH165 (Only for FCC)

### Sensitivity

-90dBm @ 802.11a

-88dBm @ 802.11n

### Output Power(Typical)

802.11a: up to 25 ± 1 dBm

802.11n: up to 22 ± 1 dBm

### Operation Mode

Bridge

Gateway

WISP

### Wireless Mode

AP

AP Client (Universal Repeater)

AP + WDS

WDS

### Security

64/128 bit WEP

WPA(TKIP with IEEE 802.1x)

WPA2(AES with IEEE 802.1X)

### Antenna

16 dBi Directional Antenna

### Storage Humidity

10% ~ 90% (Non-condensing)

### Operation Temperature

0°C ~ 60°C

### Connector

One RJ-45 port for LAN

One RJ-45 port for WAN

External SMA connector

Reset to default button on PCBA

### Power requirement

DC 12V/1A