

LP-7616M

High Power 3G/ 802.11 B/G/N Indoor Router



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
- Operation mode: Bridge, Gateway, WISP
- Wireless mode: AP, Client, WDS
- DHCP Server/Client
- RF output power adjustable
- Virtual DMZ, Port Forwarding, Dynamic DNS
- Firewall, URL/IP/Port/MAC filtering
- Wireless users access control
- NTP client
- Wireless security - WEP, WPA, WPA2, ACL
- Support PPPoE, VPN pass-through(L2TP, IPSec and PPTP)
- QoS enhancement - WMM
- WPS Hardware button
- Built-in Qualcomm 3G module
 - HSDPA 7.2Mbps
 - HSUPA 5.76Mbps
 - WCDMA 384Kbps

Specification

Wireless LAN Standard

IEEE 802.11 b/g/n

Support 3G Standard

UMTS/ HSDPA / HSUPA/ WCDMA

Chipset – Ralink RT3050F

Frequency Band

802.11 b/g/n : 2.400GHz ~ 2.484GHz

WCDMA : 850/ 2100MHz or 900/ 2100MHz(Optional)

Operation Mode

Bridge

Gateway

WISP

Wireless Mode

AP

Client

WDS

Security

64/128 bit WEP

WPA(TKIP with IEEE 802.1x)

WPA2(AES with IEEE 802.1x)

Data Rate

2.4G

802.11b : 11,5.5,2 and 1 Mbps

802.11g : 54,48,36,24,18,12,9&6Mbps

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

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

3G

HSUPA uplink up to 5.76Mbps

HSDPA downlink up to 7.2 Mbps

WCDMA (UMTS) uplink data rate up to 384 kbps

Media Access Control

CSMA/CA

Connector

Two antenna connectors

One RJ-45 port for WAN

Two RJ-45 port for LAN

Reset to default button

WPS button

SIM card slot

Power jack

Antenna connector

TWO SMA connector

-one for 2.4GHz

-one for 3G signal

Operation Temperature

0°C ~ 60°C

Storage Humidity

10% ~ 90% (Non-condensing)

Sensitivity

-94dBm @ 802.11b

-91dBm @ 802.11g

-89dBm @ 802.11n

Output Power(Typical)

802.11b: up to 27 ± 1 dBm

802.11g: up to 24 ± 1 dBm

802.11n: up to 23 ± 1 dBm

Power Class

WCDMA : power class 3

Power requirement

12V DC/1.5A