

LP-1521 Wireless High Speed Long Range 802.11b/g 54Mbps Broadband Router AP.

LP1521_SS_ENC01W

Features

- RF output power:
23 dBm (max.) @ 802.11g/54Mbps
200mw.
26 dBm(max.) @ 802.11b/11Mbps.
400mw.
- Clone WAN MAC option.
- PPPOE with Service Name option.
- Tx power control.
- Bandwidth control with groups
option by MAC.
- Ping based Watchdog.
- Configuration Wizard.
- 3 main operational modes: WISP,
Gateway and Bridge.
- 802.1x, WPA and Radius.
- Mac, IP, ports filter.
- DMZ Host.
- PPPoE-Client.
- PPTP Protocol.
- DDNS Protocol.
- IAPP Protocol.
- Hide SSID.
- WEB Interface.
- Signal meter.
- AP, Client, WDS+AP, WDS and
Ad Hoc modes.
- Site Survey.
- DHCP server.
- DHCP client.
- Up to 5 IP Alias via WEB interface.
- uPNP.
- Spanning Tree Protocol.
- MAC clone (for just one machine).
- Log system (local and remote).
- ACK Timeout control: Assures long
distance connections when using
the higher gain 14dB, 16dB and
19dB CPE.
- WEP, WPA Encryption- 64/128bit
(WEP), WPA TKIP.
- Telnet.
- QoS.



LP-1521 Wireless High Speed Long Range 802.11b/g 54Mbps Broadband Router AP

The LP-1521 is a High-Power Wi-Fi AP Broadband Router for indoors. It is available as a 2.4 GHz (802.11b/g) model, that fully supports the AP/ Bridge/ Client/ Repeater/ Router /WISP/Gateway / AP+WDS / WDS features and functional compliance of IEEE 802.11b/g standard. It is designed to provide good performance, enhance the advantages of a robust system and to be cost-effective. LanPro LP-1521 is targeted at competitive price-performance applications for SOHO and business offices, and includes better power management.

A key point on LanPro's 400mW output power is its ability to reach places that are otherwise inaccessible.

A Applications include:

- 1.- For indoor open space, the distance you can get 500~700meters with 2dBi antenna, 1KM~1.5KMS with 10 dBi antenna.
- 2.- Option with LP-C400™(*) SMA to N male cable in connection with an OMNI 15dBi antenna, the distance can get up to 2kms.
- 3.- For Point to Point with LP-C400™(*) SMA to N Male cable in connection with a 24 dBi antenna, the distance you can get up to 7KMS.

(*)Nota: LP-C400 by LanPro, equivalent to CFD 400 / LMR 400 by other brands.

B Specifications

Product Name	LP-1521 WLAN Broadband Router
Standard	802.11b/g (Wireless), 802.3 (10BaseT), 802.3u (100BaseT)
Data Transfer Rate	54Mbps (Wireless), 100Mbps (Ethernet)
Chipset	Realtek RTL8186
Modulation Method	IEEE 802.11b: CCK, DQPSK, DBPSK IEEE 802.11g: BPSK, QPSK, 16QAM, 64QAM DBPSK/ DQPSK/ CCK
RF Spreading Method	Direct Sequence Spread Spectrum (DSSS)
Frequency Band	N. America / FCC: 2.412 ~ 2.462 GHz (11 channels) Europe CE / ETSI: 2.412 ~ 2.472 GHz (13 channels) Japan: 2.412 ~ 2.484 GHz (14 channels) France: 2.457 ~ 2.472 GHz (4 channels) Spain: 2.457 ~ 2.462 GHz (2 channels)
Transmitter Characteristics	RF output power: <23 dBm (max.) @ 802.11g/54Mbps 200mw RF output power: <26 dBm (max.) @ 802.11b/11Mbps 400mw
Receiver Sensitivity	802.11b -98 dBm@8%, 802.11g -80 dBm@5%
Operation Range	200 to 1000 meters (depend on surrounding)
Antenna	External Antenna
LED	Power, Active (WLAN/Ethernet)
Security	64 bit/ 128 bit WEP, WPA, WPA2, port filtering, IP filtering, MAC filtering, port forwarding and DMZ hosting
LAN interface	One 10/100BaseT with RJ45 connector (WAN) Four 10/100BaseT with RJ45 connectors (LAN)
Power Consumption	12V 1A DC Power Adapter
Operating Temperature	0 ~ 50oC ambient temperature
Storage Temperature	-20 ~ 70oC ambient temperature
Humidity	5 to 90 % maximum (non-condensing)
Dimension	118 x 95 x 25 mm

C How to Order:

LP-1521 High Speed Long Range 802.11b/g 54Mbps Broadband AP.