TP-LINK®

54M Wireless Access Point
TL-WA501G

Adopts eXtended Range™ technology, 4-9 times the signal coverage of traditional 11b/g products

Supports multiple operating modes (Access Point, Client, Universal/ WDS Repeater, Wireless Bridge)

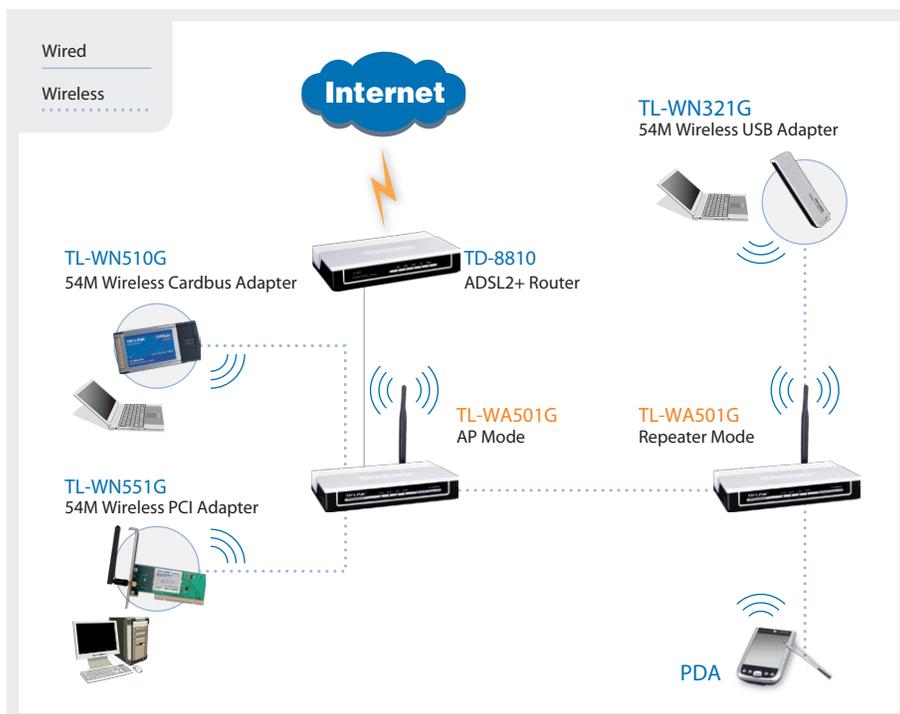Advanced wireless encryption ensures data security

Description:

The TL-WA501G is a 54M wireless access point compliant with 802.11b and 802.11g standards. It provides the access from the wireless station to wired LAN and vice versa; It can also be used to extend the wireless range. If you find the signal of your wireless router is not strong enough to cover your entire house or office, you can use the TL-WA501G as a repeater to repeater the wireless signal from your wireless router to the AP's location; To build a wireless connection between two buildings, you can use two of this access points to work as a bridge. With so many different functions such as AP, AP Client, AP + Bridge, single / multi-Bridge, and Universal / WDS Repeater, the TL-WA501G is ideal for a diverse number of complex network environments.

Specifications：

Standards	IEEE 802.11g IEEE 802.11b
Interface	1 10/100M auto-sensing LAN Port
Wireless Signal Rates With Automatic Fallback	11g: 54/48/36/24/18/12/9/6M(dynamic) 11b: 11/5.5/2/1M(dynamic)
Frequency Band	2.4-2.4835GHz
Wireless Transmit Power	17dBm(Max)
Antenna	3dBi detachable Omni directional antenna
Modulation Technology	IEEE 802.11b: DQPSK, DBPSK, DSSS, and CCK IEEE 802.11g: BPSK, QPSK, 16QAM, 64QAM, OFDM
Receiver Sensitivity	54M：-68dBm@10% PER 11M：-85dBm@8% PER 6M：-88dBm@10% PER 1M：-90dBm@8% PER 256K：-105dBm@8% PER
Power Supply Unit	Input: localized to country of sale Output: 9VAC / 0.8A linear PSU
Operating Temperature	0°C~40°C (32°F~104°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Relative Humidity	10% ~ 90%, non condensation
Storage Humidity	5%~95% non-condensing
Dimensions	6.2×4.3×1.3 in. 158×110×32 mm

Diagram:

Features：

- Supports 54/48/36/24/18/12/9/6Mbps or 11/5.5/3/2/1Mbps wireless LAN data transfer rates

- Adopts 2x to 3x eXtended Range™

- Provides 64/128/152-bit WEP encryption security, WPA/WPA2 and WPA-PSK/WPA2-PSK authentication and TKIP/AES encryption security, Supports MAC address filtering

- Built-in DHCP server supporting dynamic IP address distributing

- Supports multiple operating modes (Access Point, Client, Universal/WDS Repeater, Point to Point, Point to Multi-point)

- Supports Traffic statistics

- Supports firmware web-site upgrade, Web-Site management

- Detachable Antenna (reverse SMA connector)

Package:

- 54M Wireless Access Point TL-WA501G
- 3dBi detachable Omni directional antenna
- Power supply unit (localized to country of sale)
- Resource CD
- Quick Setup Guide

Related Products:

- 54M Wireless Router TL-WR542G
- 54M Wireless PCI Adapter TL-WN551G
- External ADSL2+ Router TD-8810
- SOHO Cable/DSL Router TL-R460

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