

## 54M High Power Wireless Access Point

### TL-WA5110G



High Power and receive sensitivity design to boost your signal coverage and link speed

Optimized performance for Ultra-Long-Distance wireless transmission

Power over Ethernet for flexible deployment



### Description:

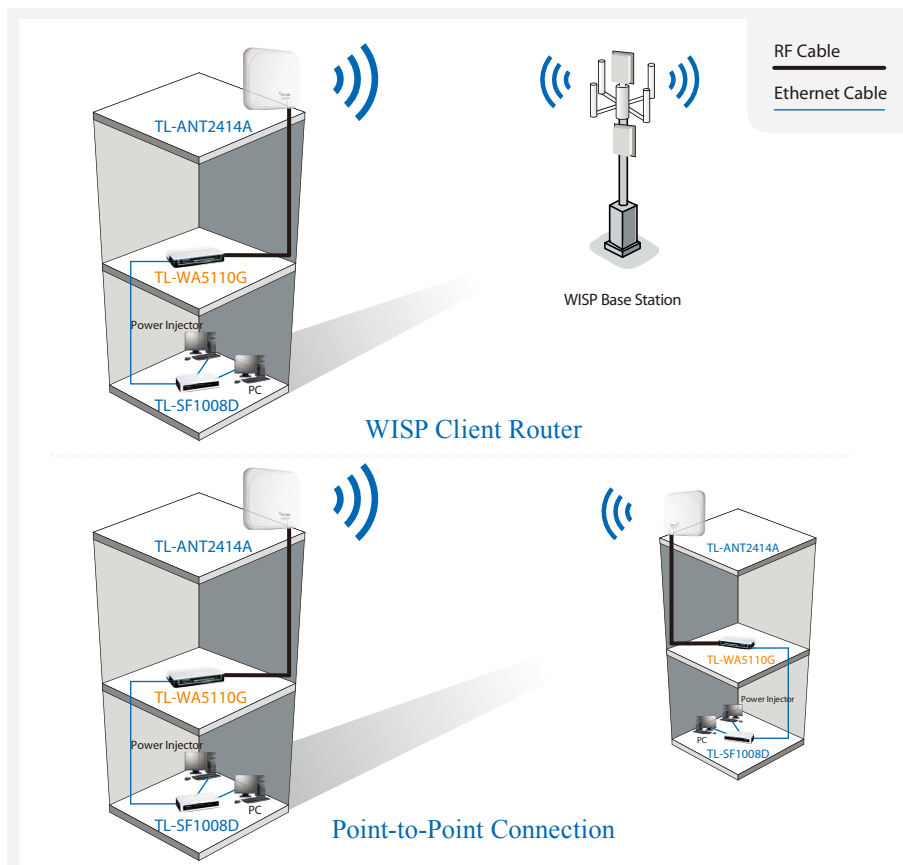
The TL-WA5110G 54M High Power Wireless Access Point is dedicated to Small Office/Home Office (SOHO) and long distance wireless network solutions. It integrates the functions of a Wireless Access Point, WISP Client, Firewall, and NAT-Router. It features high output power and high receive sensitivity can significantly extend the transmission range to reduce dead spots and to deliver a more stable wireless connection.

The TL-WA5110G provides three operation modes for multiple users to access the Internet: AP client router, AP router and AP. In AP client router mode, it works as a WISP CPE. In AP router mode, it can access the Internet via an ADSL/Cable Modem. In AP mode it can work in various modes, such as Access Point/Client/WDS Bridge/Repeater.

## Specifications:

Standards	IEEE 802.11g IEEE 802.11b	
Interface	One 10/100M Auto-Sensing RJ45 Port(Auto MDI/MDIX), supporting Passive PoE	
Wireless Signal Rates With Automatic Fallback	11g:108/54/48/36/24/18/12/9/6 Mbps (Dynamic) 11b:11/5.5/3/2/1 Mbps (Dynamic)	
Frequency Range	2.4-2.4835GHz	
Wireless Transmit Power	Up to 26dBm	
Antenna	4dBi detachable Omni directional antenna	
Modulation Type	IEEE 802.11b: DQPSK, DBPSK, DSSS, and CCK IEEE 802.11g: BPSK, QPSK, 16QAM, 64QAM, OFDM	
Receiver Sensitivity	802.11g 54M: -75dBm±1dB 9M: -92dBm±1dB	802.11b 11M: -91dBm±1dB 1M: -95dBm±1dB
Power Supply Unit	Input: localized to country of sale Output: 12VDC / 1A linear PSU	
Certifications	CE, FCC	
Operating Temperature	-10°C~40°C (14°F~104°F)	
Storage Temperature	-40°C~70°C (-40°F~158°F)	
Relative Humidity	10% ~ 90%, non condensation	
Storage Humidity	5%~90% non-condensing	
Dimensions	6.5 × 4.2 × 1.1 in. (165 × 108 × 28mm)	

## Diagram:



## Features:

- Supports AP Client Router(WISP Mode), AP Router and AP operation mode.
- High output transmission power and reception sensitivity optimized.
- Supports Passive Power over Ethernet.
- Supports Wireless Distribution System (WDS).
- Distance Adjustment for long range transmission, up to 50km\*.
- Supports Antenna Alignment.
- Supports Layer 2 User Isolation.
- Provides throughput monitor.
- Supports Ping Watch Dog.
- Supports Link Speed Test.
- Supports Remote Management.
- Supports PPPoE, Dynamic IP, Static IP Internet Access.
- Built-in NAT and DHCP server Supports Address Reservation.
- Provides 64/128/152-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK data security and TKIP/AES encryption, WLAN ACL (Access Control List).
- Supports configuration backup/restore and firmware upgrades.

\* High gain directional antenna dependent

## Package Contents:

- 54M High Power Wireless Access Point TL-WA5110G
- Power Adapter
- RJ-45 Ethernet Cable
- Quick Installation Guide
- Power Injector
- Resource CD

## Related Products:

- 14dBi 2.4GHz Directional Antenna TL-ANT2414A
- 24dBi 2.4GHz Grid Parabolic Antenna TL-ANT2424B
- 8-port Unmanaged 10/100M Desktop Switch TL-SF1008D

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