

## 2.4GHz High Power Wireless Outdoor CPE

### TL-WA5210G



Outdoor Weatherproof Design

Dual-Polarized 12dBi Antennas

High Power and High Sensitivity



### Description:

The TL-WA5210G 2.4GHz High Power Wireless Outdoor CPE is dedicated to WISP CPE solution and long distance wireless network solutions. It integrates the functions of a Wireless Access Point, WISP Client, high gain antenna and weatherproof enclosure. It features 12dBi high gain antenna, high output power and high RX sensitivity can significantly extend the transmission range to deliver a more stable wireless connection.

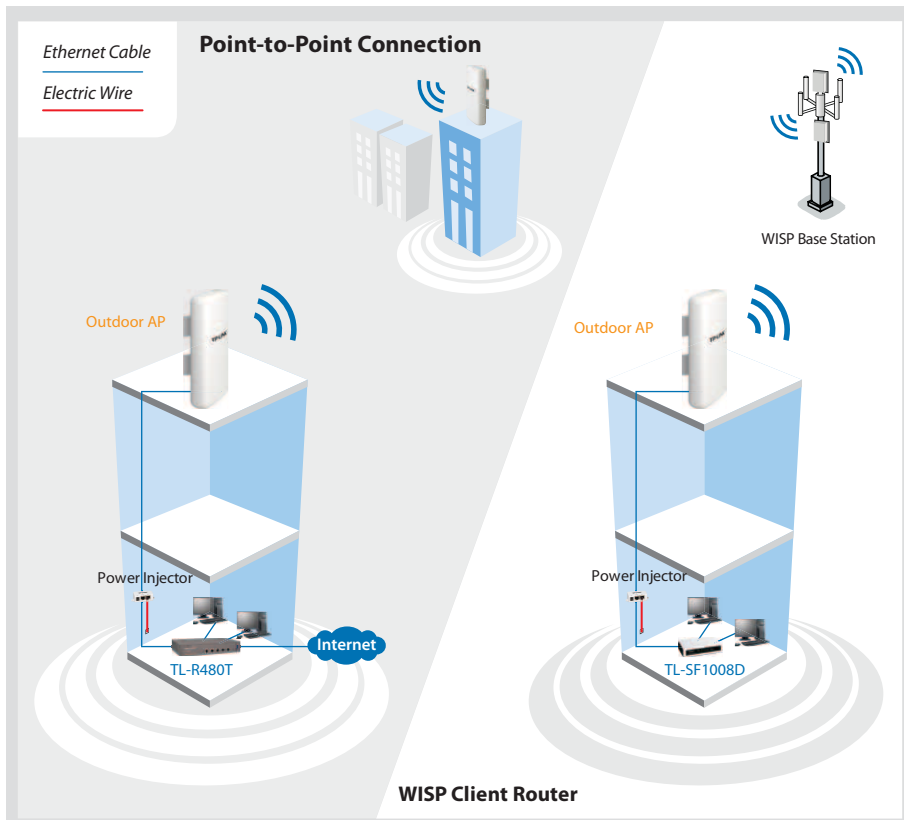
The TL-WA5210G provides three operation modes for multiple users to access the Internet: AP client router (WISP Mode), AP router and AP (Access Point/Client/WDS Bridge/Repeater.).

The TL-WA5210G is easy-to-deploy. Featuring passive power over Ethernet function, it would easily provide up to 60 meters PoE length.

## 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 EIRP	<20dBm (For countries using CE) <27dBm (For countries using FCC)
Antenna	12dBi Dual-Polarized Aluminum Antenna
Beamwidth (HPBW)	Horizontal: 60° Vertical: 30°
Enclosure	Outdoor weatherproof ABS
ESD Protection	15kV ESD Protection
Lightning Protection	Grounding Terminal
Modulation Type	IEEE 802.11b: DQPSK, DBPSK, DSSS, and CCK IEEE 802.11g: BPSK, QPSK, 16QAM, 64QAM, OFDM
Receiver Sensitivity	802.11g 54M: -76dBm 48M: -78dBm 36M: -82dBm 12M: -91dBm 9M: -92dBm 802.11b 11M: -90dBm 5.5M: -92dBm 1M: -98dBm
Power Supply Unit	Input: localized to country of sale Output: 12VDC / 1A Switching PSU
Certifications	CE, FCC
Operating Temperature	-30°C~70°C (-22°F~158°F)
Relative Humidity	10% ~ 90%, non condensation
Dimensions	10.4 × 4.7 × 3.2 in. (265x120x83mm)

## Diagram:



## Features:

- High output transmission power and reception sensitivity optimized
- 12dBi directional antennas fit for various environments and boost your signal level
- Weatherproof enclosure and lightning protection terminal integrated
- Support 15kV ESD Protection
- Supports WISP Mode
- Supports Passive Power over Ethernet
- Supports AP Client Router, AP Router and AP operation mode
- Distance Adjustment for long range transmission, up to 50km
- Supports Antenna Alignment
- Supports Layer 2 User Isolation
- Provides throughput monitor indicating the current wireless throughput
- Supports Ping Watch Dog
- Supports Wireless Speed Test
- Supports Remote Management
- Provides WEP, WPA/WPA2, WPA-PSK/WPA2-PSK data security
- Provides external RP-SMA connector for higher gain antenna upgrade

## Package:

- 2.4GHz High Power Wireless Outdoor CPE TL-WA5210G
- Power Adapter
- RJ-45 Ethernet Cable
- Quick Installation Guide
- Power Injector
- Resource CD
- Mounting Kits

## Related Products:

- 2.4GHz 15dBi Outdoor Omni-Directional Antenna TL-ANT2415D
- 2.4GHz 24dBi Grid Parabolic Antenna TL-ANT2424B
- 8-port Unmanaged 10/100M Desktop Switch TL-SF1008D

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