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**: Up to 27±1dBm
- **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 x 4.7 x 3.2 in. (265x120x83mm)

**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

**Diagram:**

Point-to-Point Connection

- **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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