Introducing the Long Range Outdoor CPE from TP-LINK

The TL-WA830RE adds High Power Wireless CPE, it is designed for WiFi offloading and long distance wireless network extension, it is suitable for multi-tenant un-microcell scenarios, small microcells offices, and homes with outdoor antennas networking requirements.

The features integrated in TL-WA830RE makes it applicable in various industries such as education, enterprises, education, medical and government.

**ADVANCED APPLICATIONS**

1. **Wireless Sharing**
   - Indoor videos streaming to outdoor devices
   - Audio/Video streaming to outdoor speakers

2. **2G/3G/4G Backhaul**
   - VPN access to remote sites

3. **Wireless Surveillance**
   - Home security cameras over long distances

**128 Ohm Dual Polarized Antenna**

The AP contains a pair of 128 Ohm dual polarized antennas, which are housed in the cavity to provide maximum transmission distances and connection stability. The TP-LINK Dual Polarized antenna can be used for multi-tenant un-microcell scenarios, and suitable for large group of people. The products’ antenna is a very high gain antenna up to 10dBi, featuring outdoor wireless CPE, users can enjoy a stable, high-speed, high-range antenna for every generation of transmission distances.

**Weatherproof Design**

The TP-LINK TL-WA830RE R2 is designed to work in harsh outdoor environments. With built-in outdoor weatherproofing and high temperature resistant (IP65) housing design, the AP can work in places with extreme weather conditions. This design also helps control your connected devices with WiFi and Ethernet at 10X POE providers.

**LED Signal Indicators**

The best indicator to check the status of your TP-Link CPEs. With a range of green lights that shows strength of the connection.  The green AP lights are a very high gain designed to give your signal strength and adjust the position of the device for optimum signals.

**Features**

- **Wireless CPE:** 802.11n 300Mbps, designed for long distances, you’ll find this useful:
  - HD video: for using the internet, you’ll find this useful:
  - ROI orders for disk space can be stored in your wireless network
  - Supports MAC Address Filter, Vlan and traffic classification
  - Supports RSSI, QoS, and IP Multicast
  - Supports VLAN, Bonjour, and DHCP server
  - Supports IPv6, DAD, DNS, and IP resolution

**Comparison**

<table>
<thead>
<tr>
<th>Model</th>
<th>Standard</th>
<th>TX Rate</th>
<th>TX Power</th>
<th>TX Bandwidth</th>
<th>RX Sensitivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>TL-WA830RE</td>
<td>802.11n</td>
<td>300Mbps</td>
<td>27dBm</td>
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**Antennas**

- Outdoor: 128 Ohm Dual Polarized Antenna
- Indoor: 128 Ohm Dual Polarized Antenna

**Software**

- **Firmware:** AP Bridge/Repeater/Client/Static DHCP
- **Drivers:** Windows XP, Windows 7, Windows 8, Windows 10, Mac OS X

**Price & Availability**

The TP-LINK TL-WA830RE R2 is available in June, 2023. Price will be confirmed after further products are ready.

Visit www.tp-link.com for more information.