

## Quick Installation Guide

Wireless Outdoor CPE

Suitable for: CP150, CP300

V1.1411

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# 1 Hardware Installation

## 1.1 Device Mounting

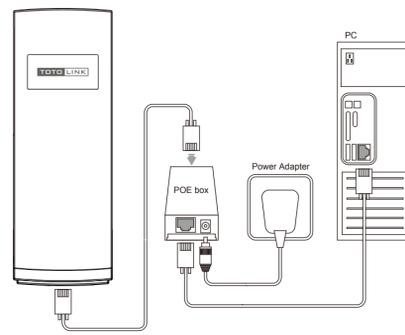
### 1 Pole Mount

1. Attach the groove part of the device to the pole.
2. Thread through the hole of CP300 and ties the straps firmly on the pole.

### 2 Wall Mount

1. Drive the nail into the wall and make sure the nail position is exactly matching the device.
2. Hang the CP300 on the wall.

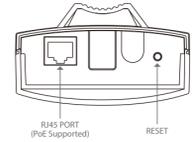
## 1.2 Network Connection



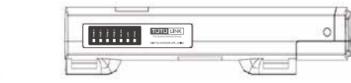
### Note

1. Locate a suitable mounting site for your CPE. For choosing the best location, select an elevated location where trees, buildings and large steel structures will not obstruct the antenna signals and which offers maximum line-of-sight propagation with the users.
2. Adjust the direction of your CPE for a best signal. Place the straps through the slots on the back of the CPE and then around the pole. Tighten the Straps.
3. Please make sure the two CPEs are placed face to face, otherwise the wireless signal strength might be weak.

## 1.3 Port, Button, LED Indicators Description



Port and Button	Description
LAN	This port is used to connect with PoE injector by cable.
Reset	With the CPE powered on, press and hold the button for about 10 seconds, the CPE will reboot to factory default settings.



LED Indicator	Description
POWER	The POWER LED will light blue when properly connected to a power source.
LAN	This Ethernet LED will light solid blue when an active Ethernet connection is made to the LAN port and flash when there is activity.
WLAN	This WLAN LED flash blue when the wireless function working.
Signal	These LEDs display the signal strength.

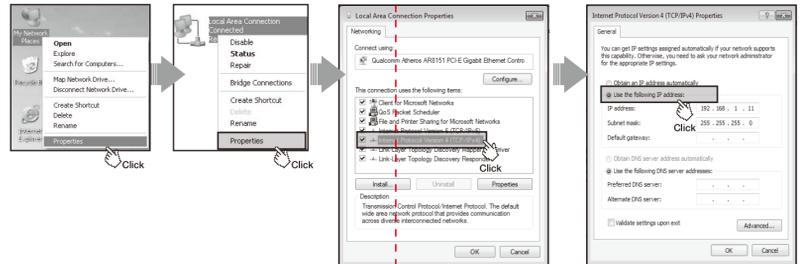
# 2 Typical Application

## WISP



# 3 Set Up PC

1. Right-click "My Network Places", click "Properties"
2. Right-click "Local Area Connection", click "Properties"
3. Double-click "Internet Protocol Version 4 (TCP/IPV4)"
4. Choose "Use the following IP address", input the IP address in the same network segment with your router's default IP address, as below, then click "OK".



# 4 Configure the Device

Please set up the CPE following below steps.

## 1 Run the Web browser.



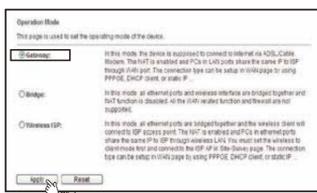
## 2 Type 192.168.1.1 in the Web browser address bar, then press Enter.



## 3 Input User Name and Password and click "Login". (By default, both are "admin" in lower case)



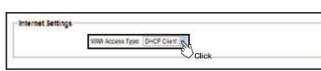
## 4 Select Gateway mode and click Apply. In the Gateway mode, you should connect to the device wirelessly (please refer to Section 5 Wireless Network Connection).



## 5 After connected to the device, please login again. In the main setup interface, click Easy Setup on the sidebar.



## 5-1a DHCP Client: If you choose this mode, you will get a dynamic IP address from your ISP automatically



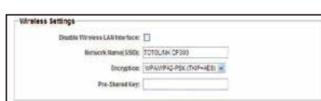
## 5-1b Static IP: If your ISP has provided a fixed IP for you to access Internet, please choose this option.



## 5-1c PPPoE: If you use ADSL virtual dial-up to connect Internet, please choose this option.



## 5-2 Wireless Settings: Please define the Network Name (SSID) and set encryption key for security. WPA/WPA2-PSK (TKIP+AES) is recommended.



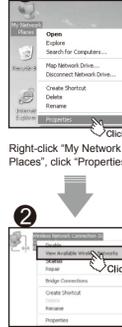
### NOTE:

After you set the Encryption Key, please remember your Network Name (SSID) and the Encryption Key to connect with your wireless LAN.

Press and hold the WPS/RST button for about 5 seconds, it is WPS working which will last for 2 minutes. For about 10 seconds, the router will restore to factory default settings.

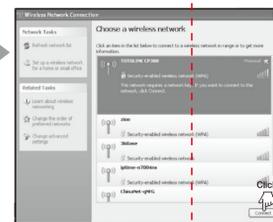
# 5 Wireless Network Connection

## 1



## 2

Right-click "Wireless Network Connection", and click "View Available Wireless Networks"



## 3

Confirm the wireless network SSID name, choose one that you would like to connect, then click "Connect"



## 4

Input the encryption key and click "Connect"



## 5

Have connected wireless network, you can access Internet through wireless mode.