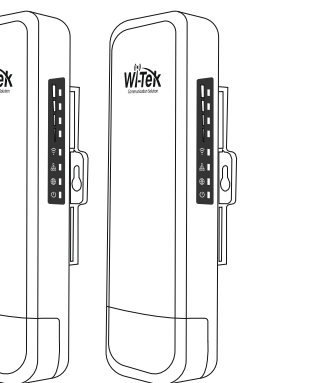




# Quick Installation Guide

5GHz 867Mbps 5km Long-range Outdoor Wireless Transmitter



WI-CPE800-KIT Hardware Version: V3

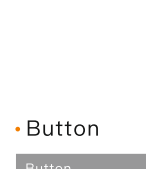
www.wireless-tek.com

## 1. Packing Content

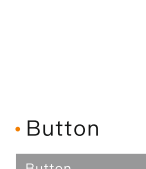
- WI-CPE800-KIT



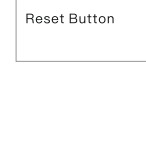
Wireless Transmitter x 2



48V PoE Adapter x 2



0.9m RJ45 Cable x 2



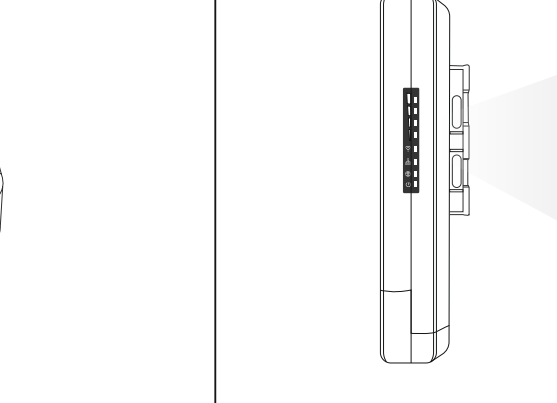
Metal Tie Accessory x 2



Quick Installation Guide x 2

## 2. Hardware Introduction

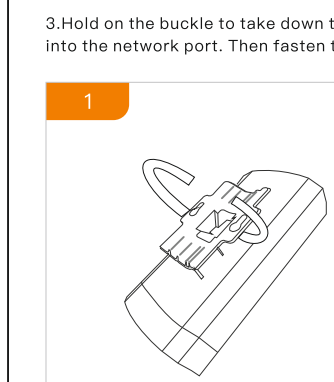
- Bottom(Interface) Panel



- Button

| Button       | Description  |
|--------------|--|
| DIP Switch   | H: Base station mode, supports wireless point-to-point and point-to-multipoint long-distance transmission.<br>C: CPE mode, a receiving point for connecting a wireless base station.   |
| Reset Button | Short press: Search for another wireless transmitter on a different mode (H/C status) and pair each other. The pair search will last for 120 seconds after short pressing the button.<br>Long press over 5 seconds: Restore the factory default configuration. |

- Side(LED) Panel

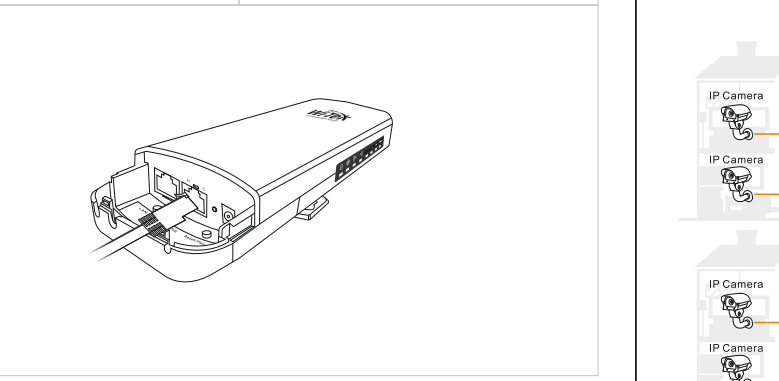
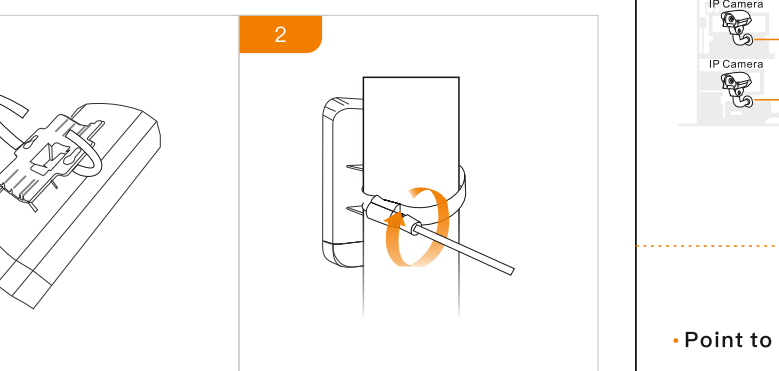


- LED Indicator

| LED Indicator   | Status         | Description   |
|-----------------|----------------|---|
| Power           | Solid On       | Power on.   |
|                 | Quick Blinking | Searching for another device and pairing.   |
|                 | Power off.     |   |
| WAN & LAN       | Solid On       | The port is linked.   |
|                 | Off            | The port is not linked.   |
| Wi-Fi           | Blinking       | The wireless activated.   |
|                 | Solid On       | The wireless is paired successfully.<br>The stronger the wireless signal, the more LED indicators are on. |
| Wireless Signal | Solid On       | The wireless is not paired or the wireless signal is too weak.  |
|                 | Off            |   |

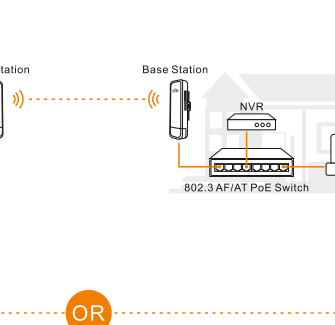
## 3. Installation

1. Insert metal tie at the backside bracket hole. Adjust it according to the pole size and installation position.
2. Install the device on the pole and tighten the cable tie.
3. Hold on the buckle to take down the device back cover. Insert the Ethernet cable into the network port. Then fasten the back cover.



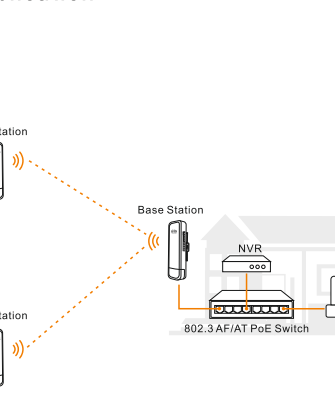
## 4. Application

- Point to Point Application



OR

- Point to Multi Point Application

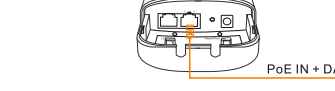


## 5. Quick Pairing

- For PTMP application

If there is needed to add another CPE to the PTP/PTMP system:

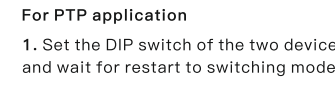
1. Restore the devices that need to be added to the PTMP system.
2. Set the DIP switch to C (CPE) mode for the devices to be added and wait for restart to switching mode.



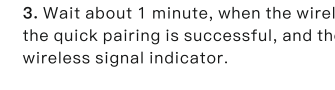
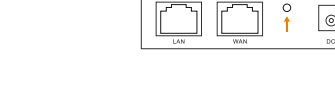
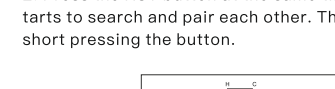
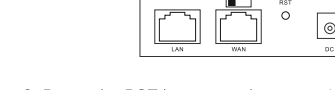
The device to be added

- For PTP application

1. Set the DIP switch of the two devices to different modes (one to H and another to C), and wait for restart to switching mode.



The H mode device in the PTP/PTMP system



The device to be added

- 2. Press the RST button at the same time, power indicator starts to blink, the devices starts to search and pair each other. The pair search will last for 120 seconds after short pressing the button.

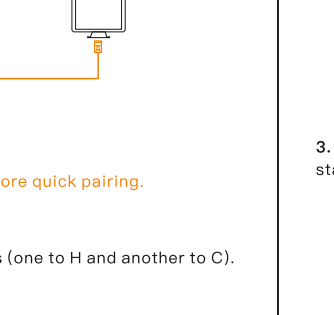
- 3. Wait about 1 minute, when the wireless signal indicator of the two devices is solid on, the quick pairing is successful, and the signal strength can be judged according to the wireless signal indicator.

## 6. Management

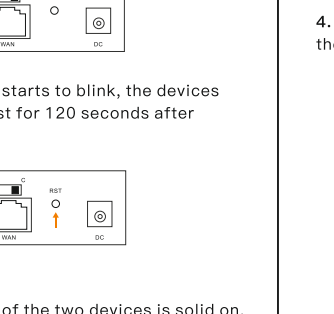
- Management by WEB

A) Set the device to Base Station Mode.

- Step 1. Set PC network IP to 192.168.1.X (X: 2-50), subnet mask: 255.255.255.0, same network segment as device. Launch the browser and enter the login page default IP: 192.168.1.88 or 192.168.1.89, set the administrator password.



Step 2. Go to the "Wizard" page, select <Base Station Modes>, and click <Next>.



Step 3. Select the network protocol based on the network design. For example, select <Dynamic IP(DHCP)> and click <Next> in the "Select Network Protocol" page. Type in network parameters in the "WAN configuration" page, and click <Next>.



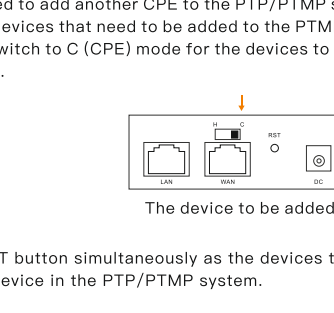
B) Set the device to CPE Mode.

- Step 5. Repeat the A) step 1, login the management WEB. Go to the "Wizard" page, select <CPE Mode>, and click <Next>.

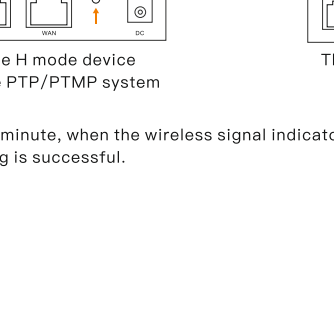


## 7. Cloud Management

Make sure your device has access to the Internet. Enter https://cloud2.wireless-tek.com in the browser and log in to the cloud, add a network, or select the existing network. Go to "Device > CPE", click <ADD DEVICE >, enter the device's SN and last six hexes of the device MAC address, and click <ADD >. Wait a moment, you can find it in the device list and view it in "Topology".



Step 7. Type in the base station wireless parameter and click <Next>.



Step 8. Review the configurations and click <Confirm> to complete the wizard in the "confirm" page. The device will save the configuration and restart to switching mode.



Finish the above steps and wait for the device to restart. The PTP application configuration is complete when the signal strength indicators of both devices are on. If you want to configure the PTMP application, repeat steps B) 5 - 8 for the other device after completing the PTP application.

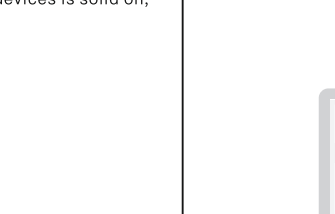
Step 6. Repeat the A) step 3, Specify the parameter in the "WAN configuration" page and click <Next>. Click <Start Scan> to search and select the base station wireless in the "Wireless Configuration" page.



## 8. Warranty Card

|                   |  |
|-------------------|--|
| Username          |  |
| Address           |  |
| Telephone No.     |  |
| Purchase Shop     |  |
| Purchase Address  |  |
| Product Model No. |  |
| Purchase Time     |  |
| Serial No.        |  |
| Dealer Signature  |  |

- If the product defects within the warranty period, we will provide professional maintenance service.
- Proof of purchase and a complete product serial number are required to receive any services guaranteed as part of the limited warranty.
- Any other defects that are not caused by workmanship or product quality, such as natural disasters, water damage, extreme thermal or environmental conditions, sticker damaged, warranty card loss will disqualify the product from limited warranty.



Company Website    Cloud Management    Technical Support

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