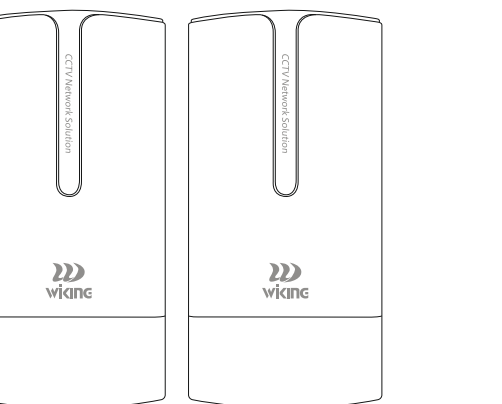




# Quick Installation Guide

Long-range Outdoor Wireless Transmitter

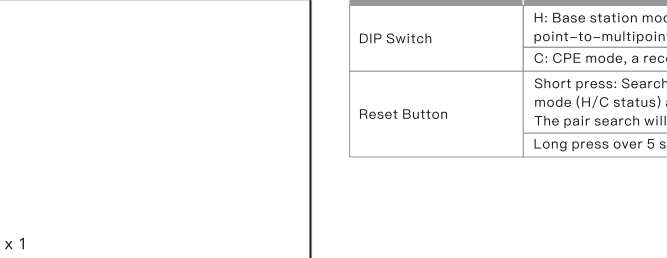
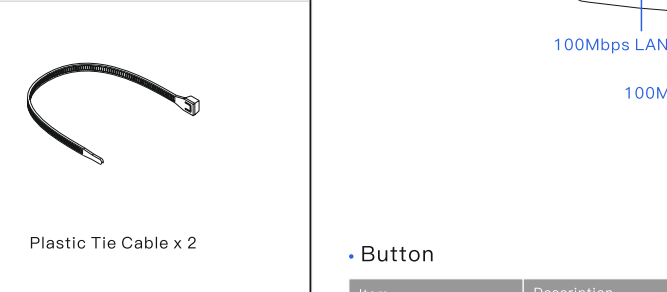


WK-WB20-KIT

www.wireless-tek.com

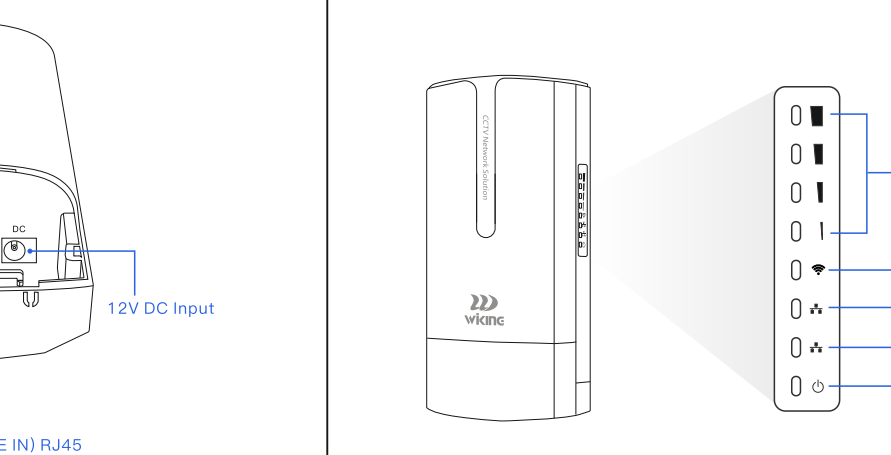
## 1.Packing Content

- WK-WB20-KIT



## 2.Hardware Overview

- WK-WB20-KIT

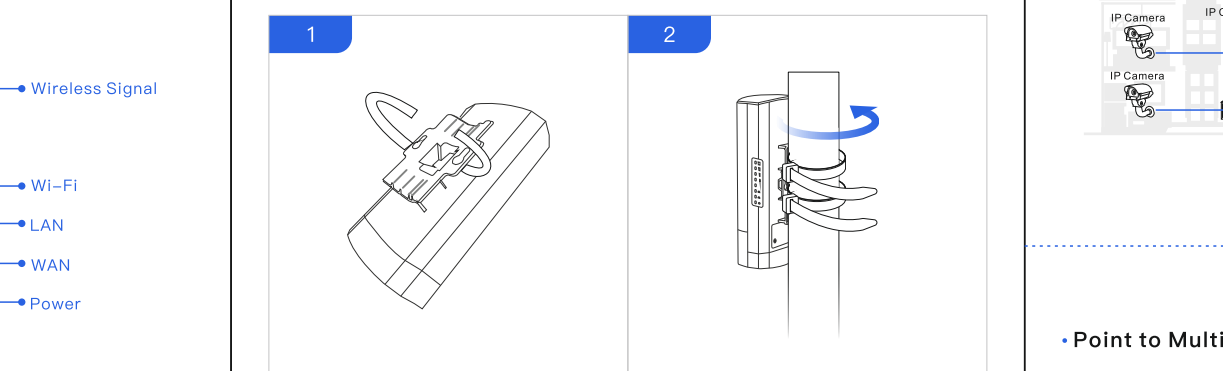


• Button

Item	Description
DIP Switch	H: Base station mode, supports wireless point-to-point and point-to-multipoint long-distance transmission. 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. Long press over 5 seconds: Restore the factory default configuration.

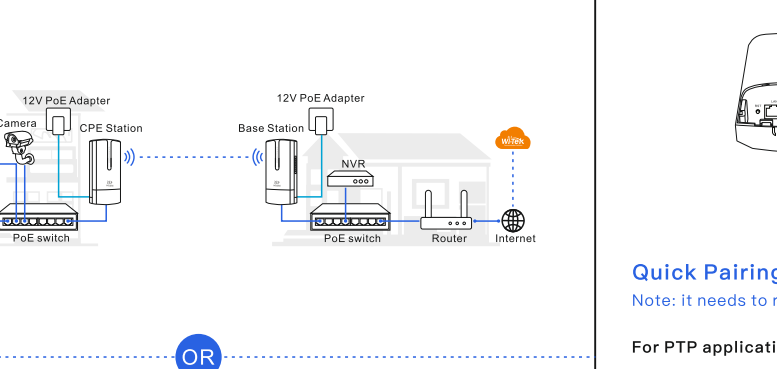
## 3.Installation

- 1.Insert ribbon 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 ribbon.
- 3.Hold on the buckle to take down the device back cover. Insert the net cable into the network port, then fasten the back cover.



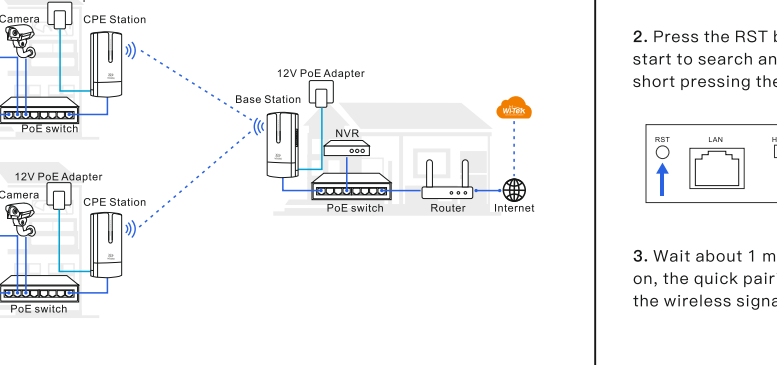
## 4.Network Application

- Point to Point Connection for CCTV



OR

- Point to Multi-Point Connection for CCTV

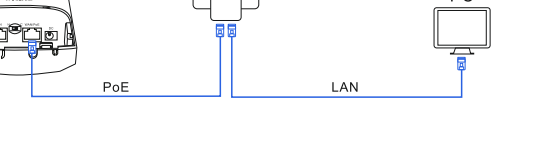


## 5. Quick Pairing

- For PTMP application

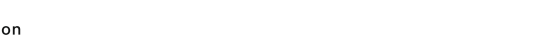
If there is needed to add another CPE to the PTP/PTMP system:

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

3. Press the RST button simultaneously as the devices to be added and the H (Base station) mode device in the PTP/PTMP system.



The H mode device in the PTP/PTMP system

4. Wait about 1 minute, when the wireless signal indicator of the two devices are solid on, the quick pairing is successful.



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

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



The device to be added

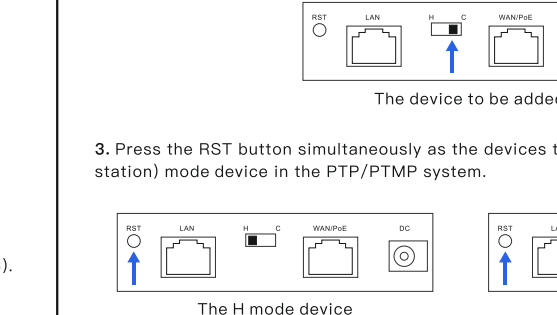
3. Wait about 1 minute, when the wireless signal indicator of the two devices are solid on, the quick pairing is successful, and the signal strength can be judged according to the wireless signal indicator.

## 6.Management

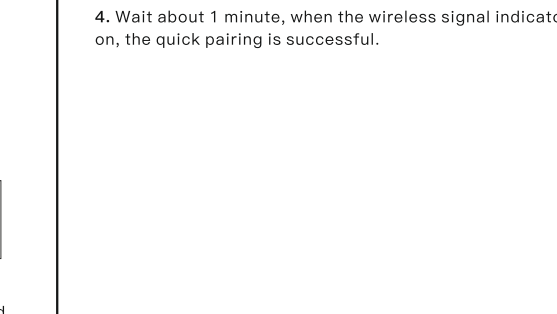
### Management by WEB

#### 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 Mode>, 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>.



#### Step 4. Type in the <SSID>, <Encryption> and <Password> in "Wireless Configuration" page. Then click <Next>. 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.



#### Step 5. 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.



#### Step 6. Repeat the A) step 3, Type in the base station wireless parameter and click <Next>.



#### Step 7. Type in the device serial number 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.

