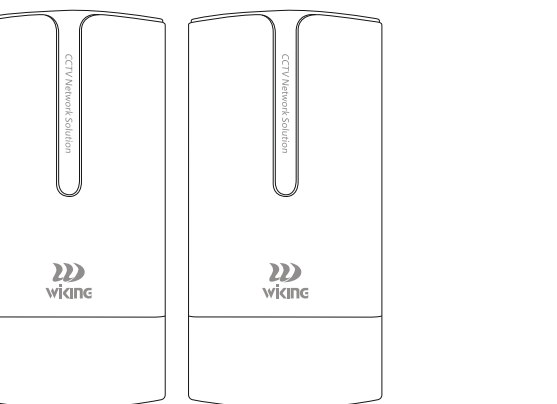




Quick Installation Guide

Long-range Outdoor Wireless Transmitter

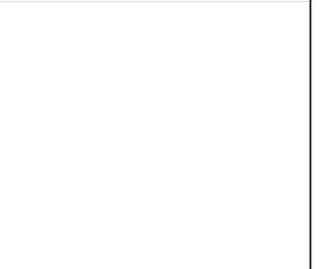


WK-WB20-KIT

www.wireless-tek.com

1.Packing Content

- WK-WB20-KIT



Wireless Transmitter x 2



PoE Adapter x 2



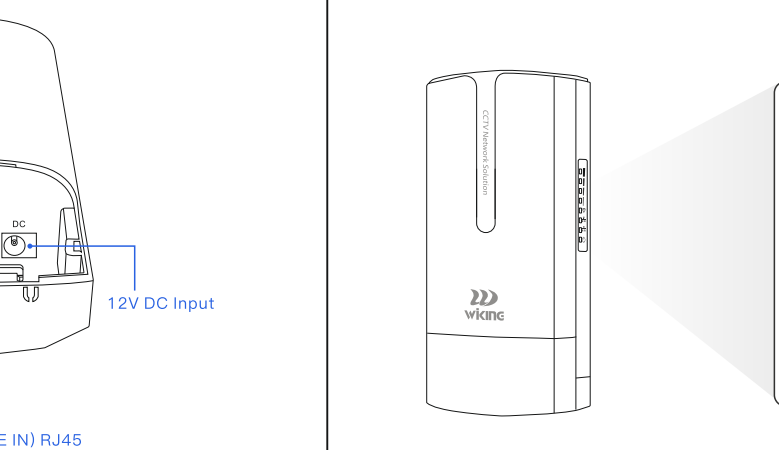
Plastic Tie Cable x 4



Quick Installation Guide x 1

2.Hardware Overview

- WK-WB20-KIT



100Mbps LAN RJ45
100Mbps WAN(PoE IN) RJ45

• Button

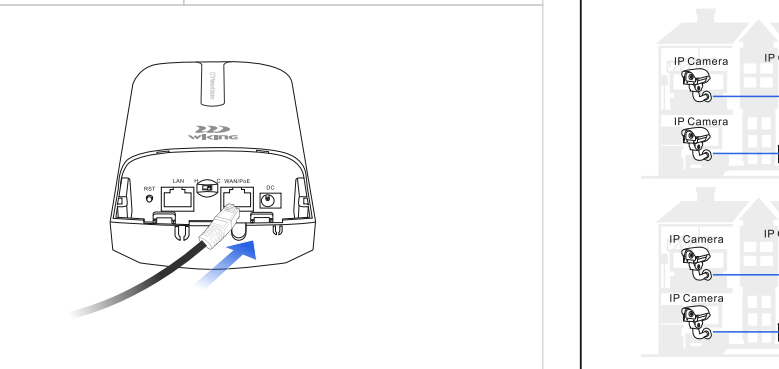
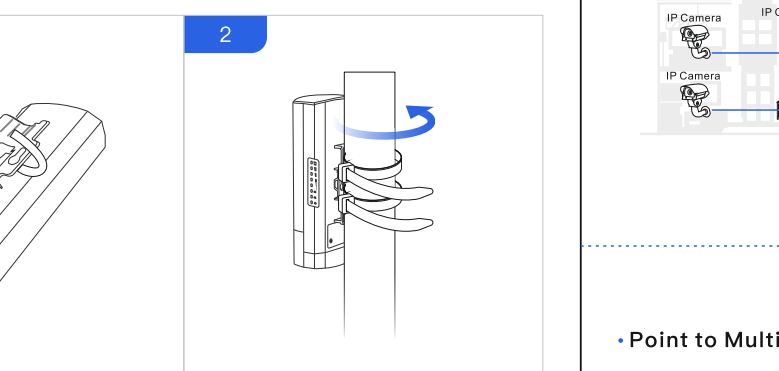
Item	Description
DIP Switch	H: Base station mode, supports wireless point-to-point and point-to-multipoint long-distance transmission.
	C: CPE mode, a receiving point for connecting a wireless base station.
	Short press: Search for another wireless transmitter on a different mode (H/C status) and pair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

• LED Indicator

Item	Status	Description
Power	Solid On	The system power supply is normal.
	Quick Blinking	Searching for another device and pairing.
	Off	The system power supply is abnormal.
WAN & LAN	Solid On	A link has been established on the interface.
	Off	No link is established on the interface.
Wi-Fi	Blinking	The wireless is activated.
Wireless Signal	Solid On	The wireless is paired successfully. The stronger the wireless signal, the more LED indicators are on.
	Off	The wireless is not paired or the wireless signal is too weak.

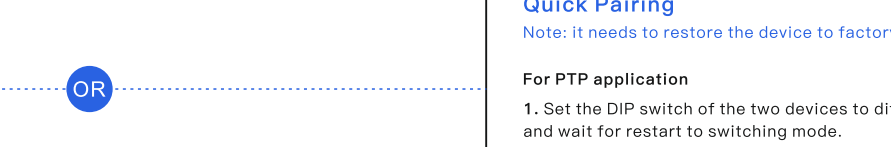
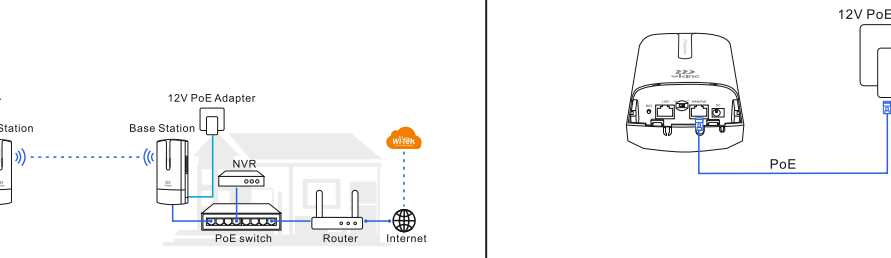
3.Installation

- 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.

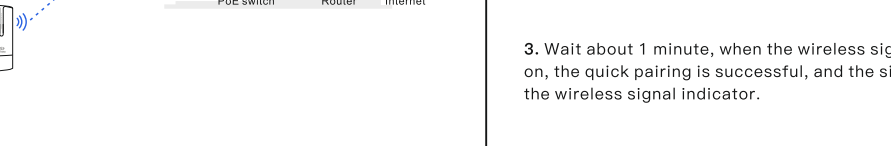
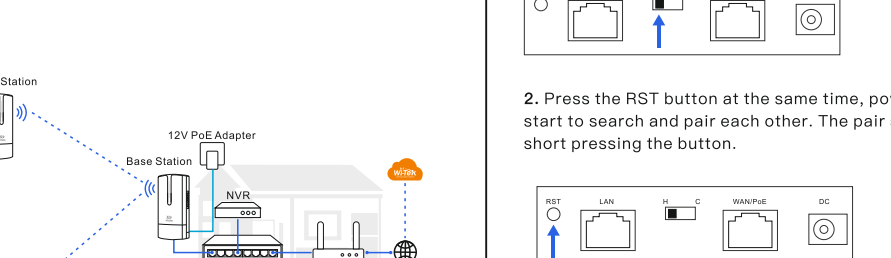


4.Network Application

- Point to Point Connection for CCTV



- Point to Multi-Point Connection for CCTV

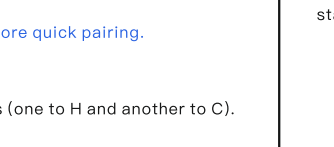
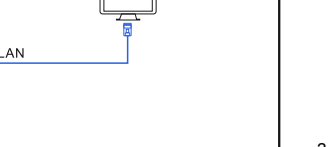


5. Quick Pairing

- For PTMP application

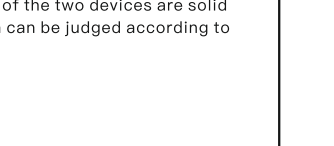
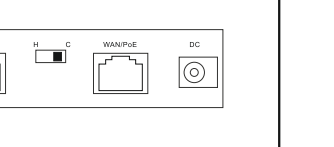
If there is needed to add another CPE to the PTP/PTMP system:

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.



- 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.

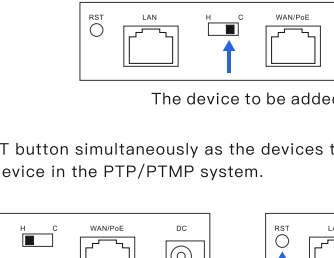


6.Management

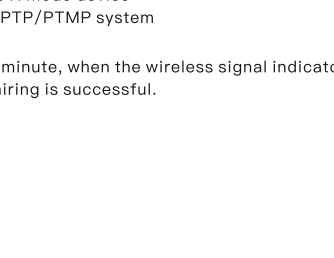
Management by WEB

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 1, login the management WEB. Go to the "Wizard" page, select <CPE Mode>, and click <Next>.

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.

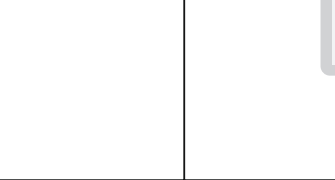
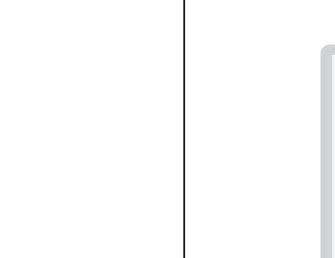
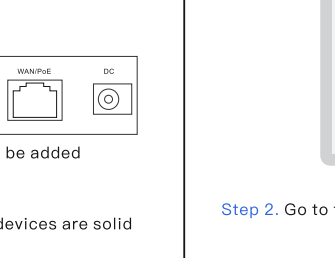
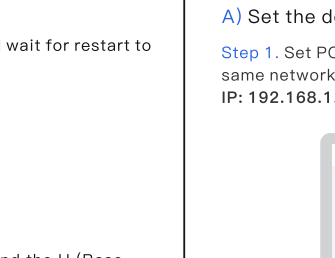
Step 7. Type in the base station wireless parameter and click <Next>.

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.

7. Cloud Management

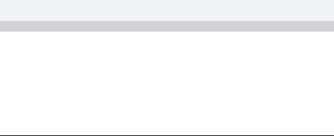
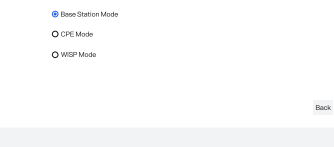
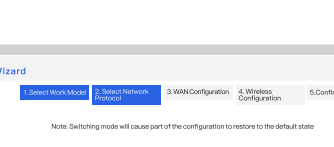
Make sure your device has access to the Internet. Enter https://cloud2.wireless-tek.com in the browser and log in to the cloud, add a network, or select the existing network. Go to "Device > CPE", click <ADD DEVICE >, enter the device's SN and last six hexes of device MAC address, and click <ADD >. Wait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



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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