KuWFi Point-to-Point Bridge

Product picture



Package including (POE adapter will be offer in different countries)

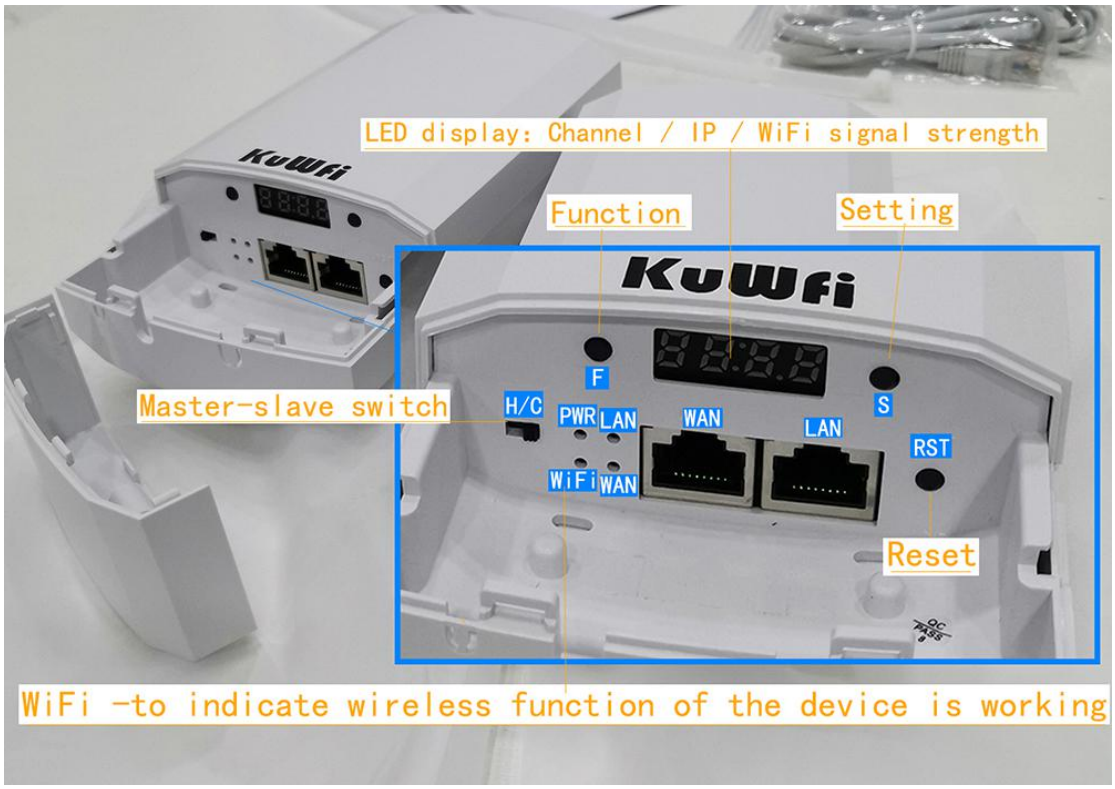


- ✶ Product body size :168mm*88mm*57.6mm
- ✶ Working:-30°C~55°C
- ✶ Storage:-40°C~70°C



Interface ：

- 10/100Mbps RJ45 WAN Port
- 10/100Mbps RJ45 LAN Port
- LED display, show operation mode, channel, signal strength
- F(Function) switch button for LED display
- S(Select) button for LED display
- Reset button, press 15 seconds to revert to default setting, press 1 second to finish LED display configuration



How to paired

1. Config Master/ Slave CPE

Put the switch to H, CPE will work as Mast. Put the switch to C, CPE will work as Slave.

2.Config Master CPE

When bridge two CPEs, make one work as master: press "F" to make H/ C b linking, and press "S" to change to "H", it will save automatically in 5 second s

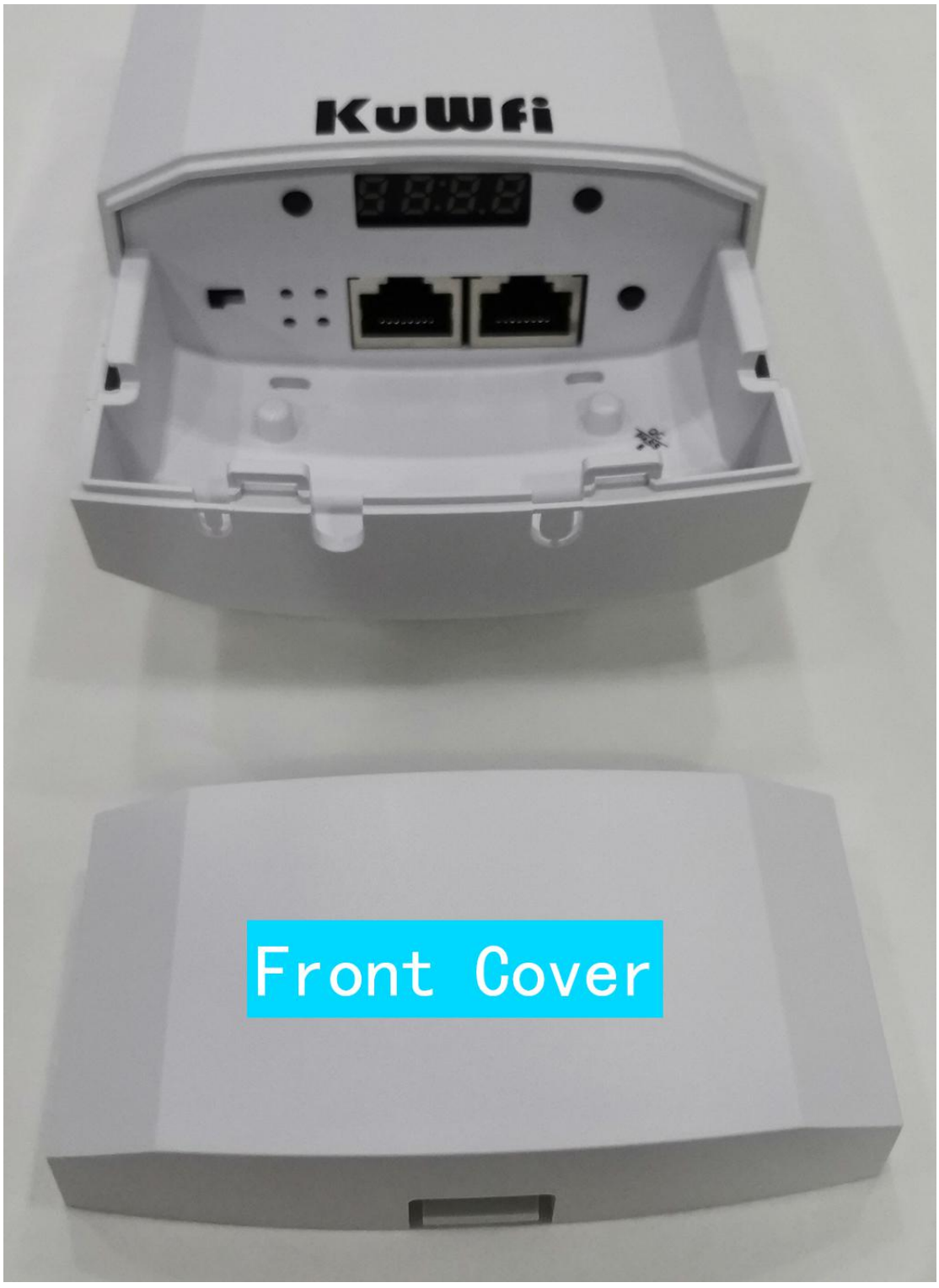
2. Point to Point Connection Press reset button on both master and slave CP E, will start bridging.

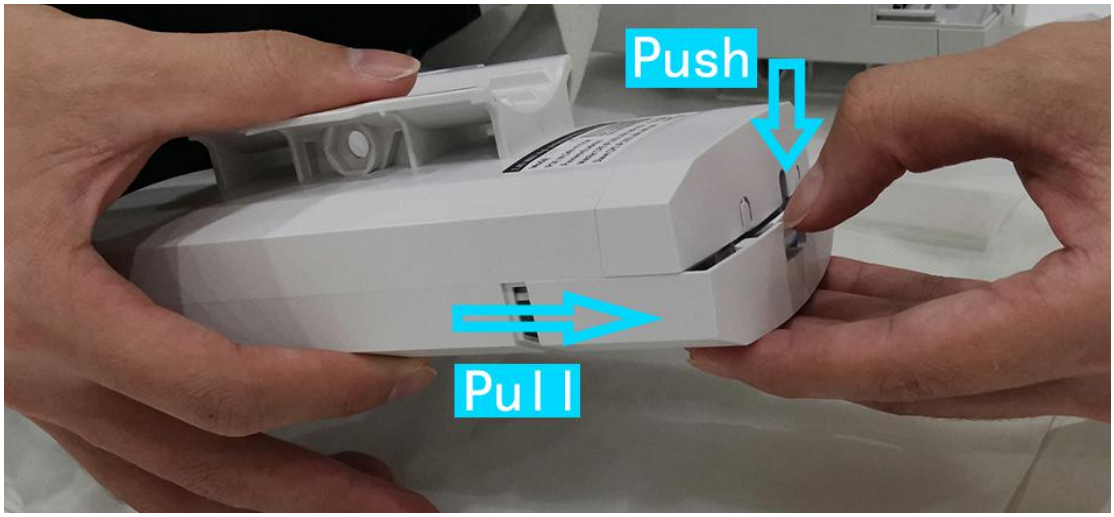


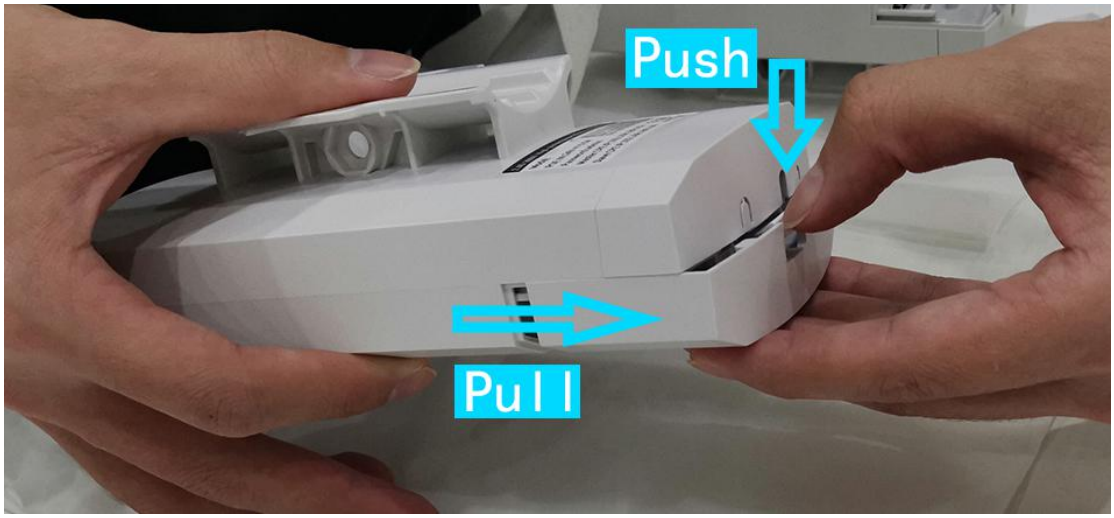
- H mean host/master 005 mean channel, C mean Client 005 mean slave Channel , the two unit in the same channel ,host/master IP 192.168.188.253
- Slave IP 192.168.188.100



Push and then pull the front cover out

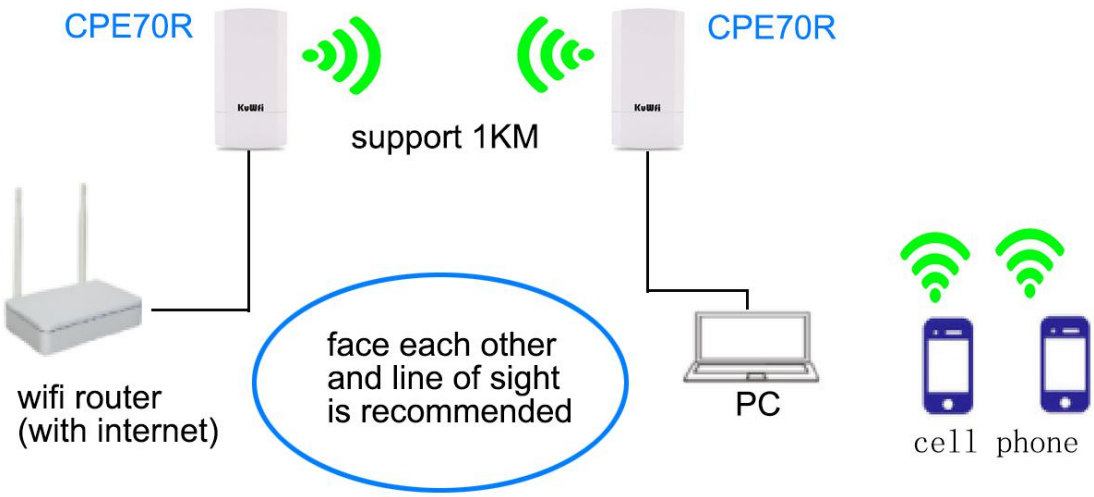

KuWfi
Front Cover





- **Application 1**

Long distance WiFi coverage .extend wifi signal from A house to B house,like below photo show



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- POE adapter POE port connect to CPE Master Lan Port



- Use Ethernet cable connect LAN cable to POE adapter POE adapter. WAN port cannot charger power .

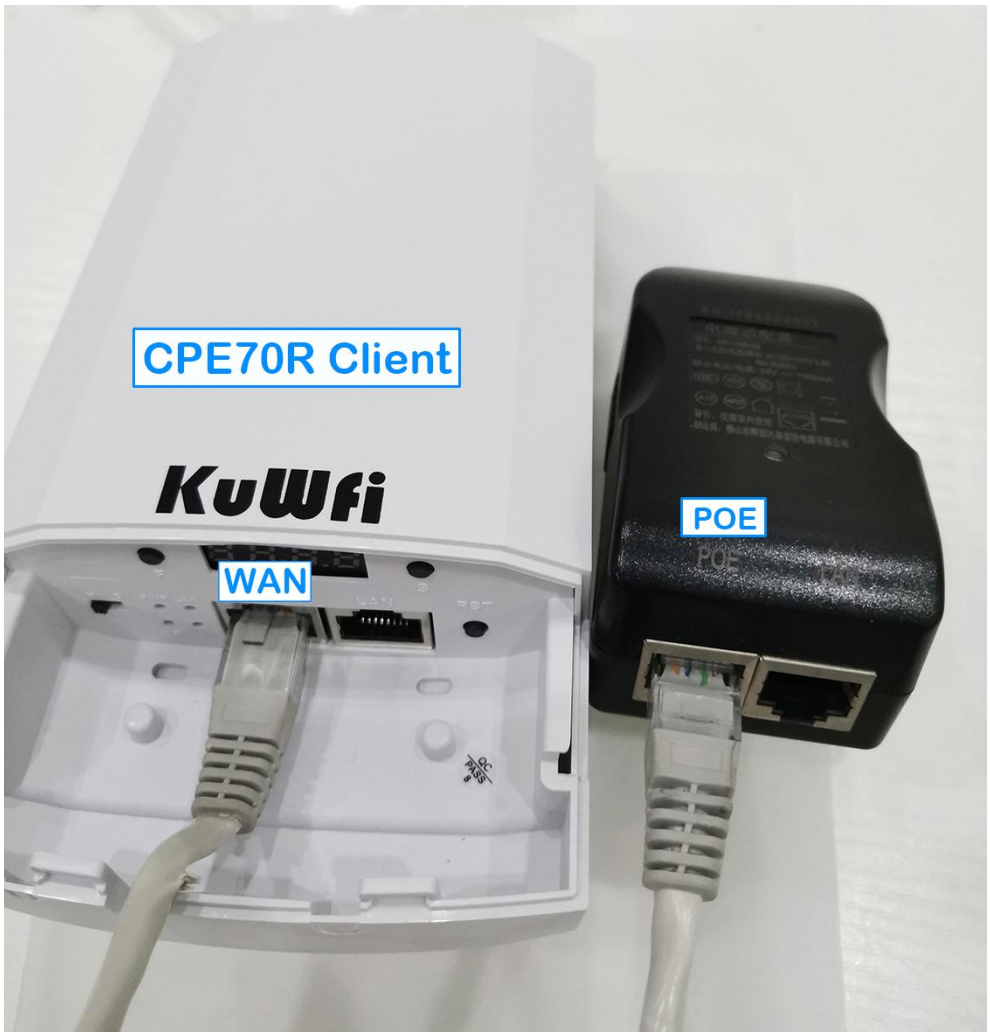


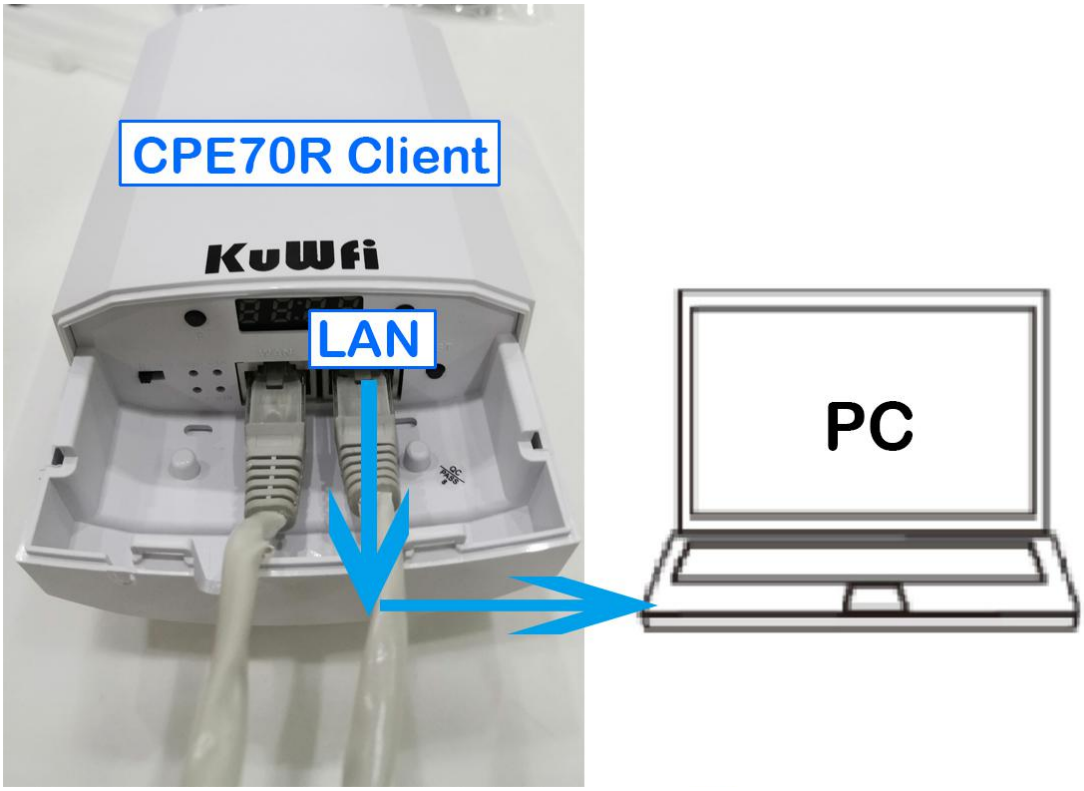
- Mater/Host CPE Wan port connect to router / POE SWITCH


CPE70R Host
KuWfi
WAN
LAN
RST



- Use Ethernet cable connect Lan cable to POE adapter POE adapter. Slave/ Host CPE Wan port connect to PC or ip camera or other wifi machine

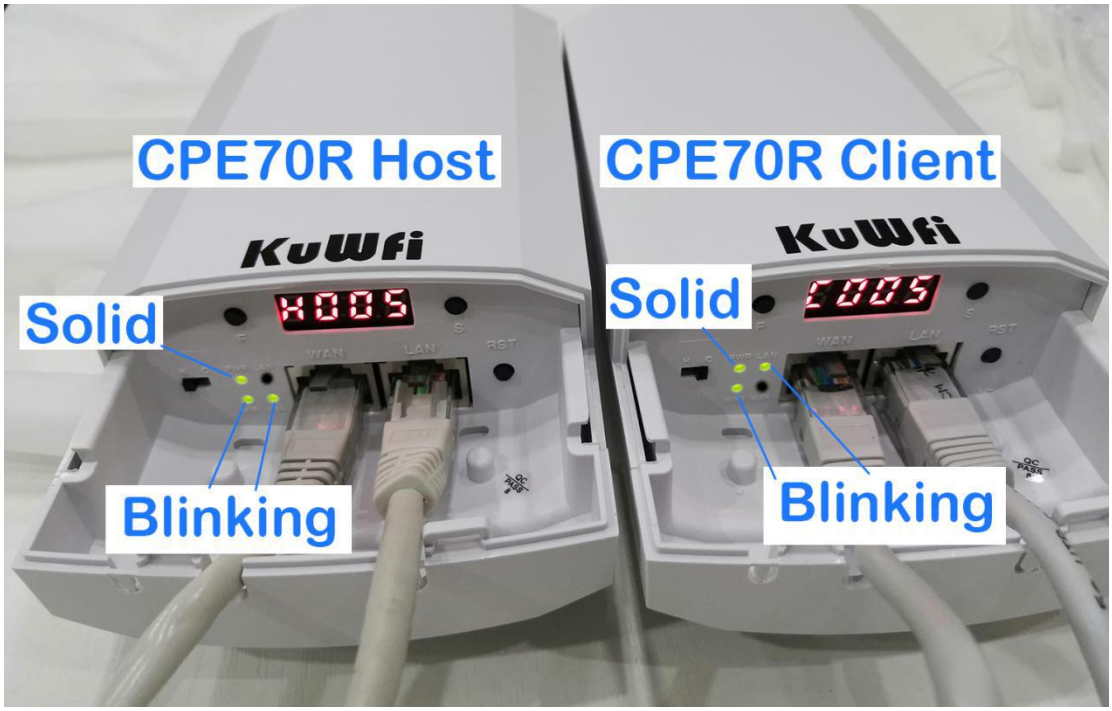






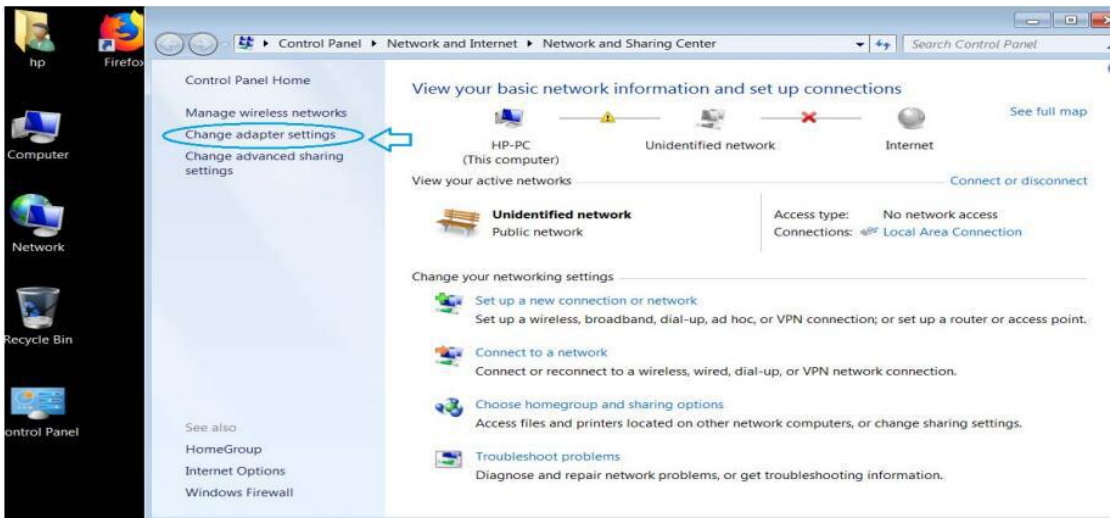


- The LED will show H005/C005 mean channel
- H254 C100 mean IP address
- P-25/P-23 mean wifi signal ,if no digital ,it mean no paired

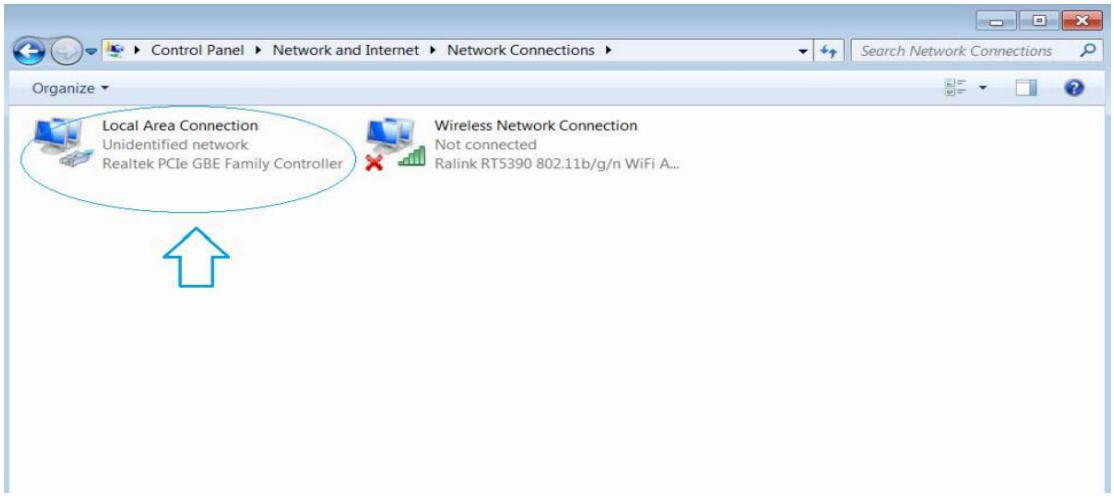


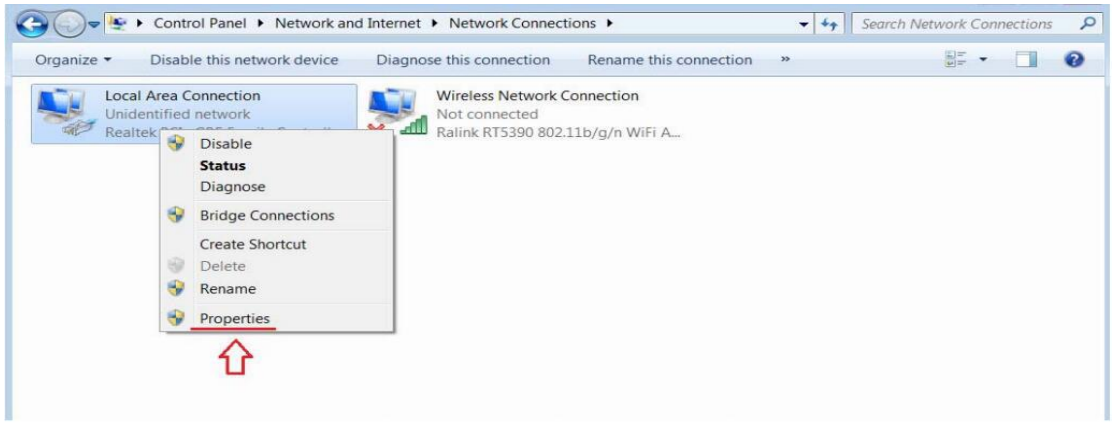
- Then find network to setup the CPE

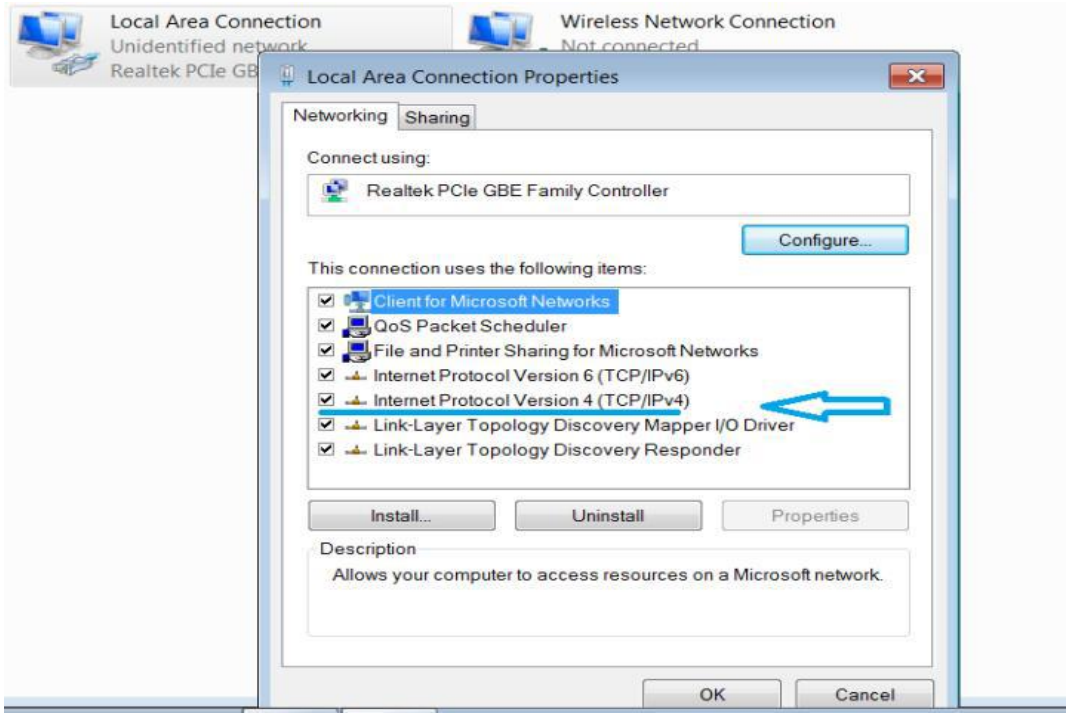




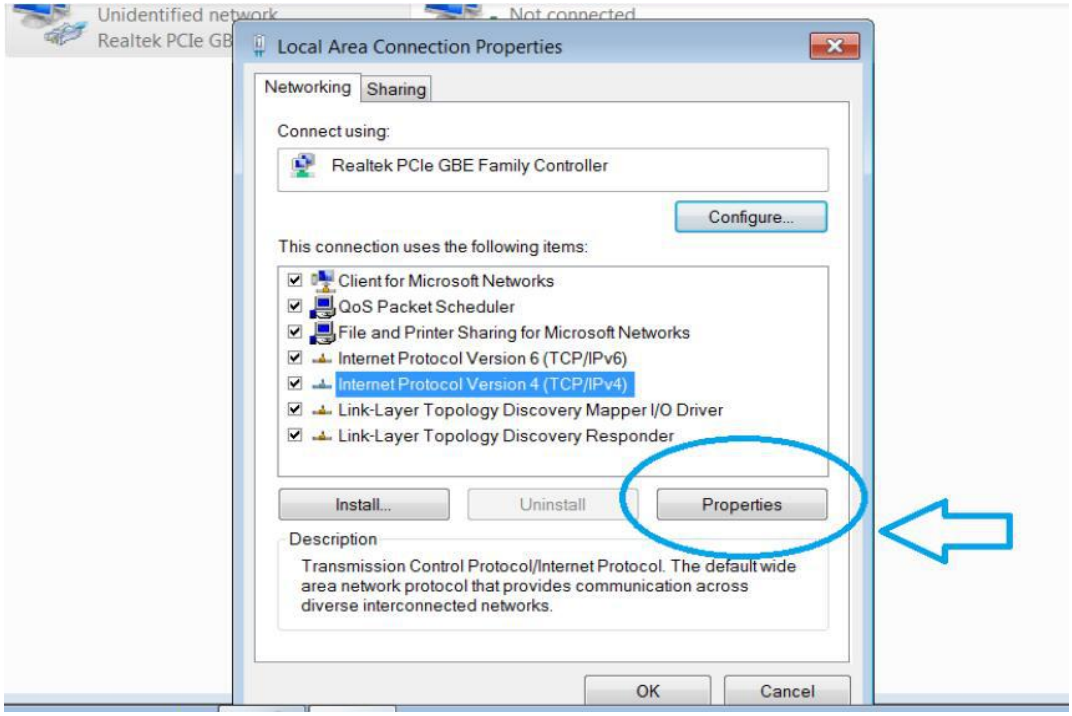
Change network adapter settings, local Area connection

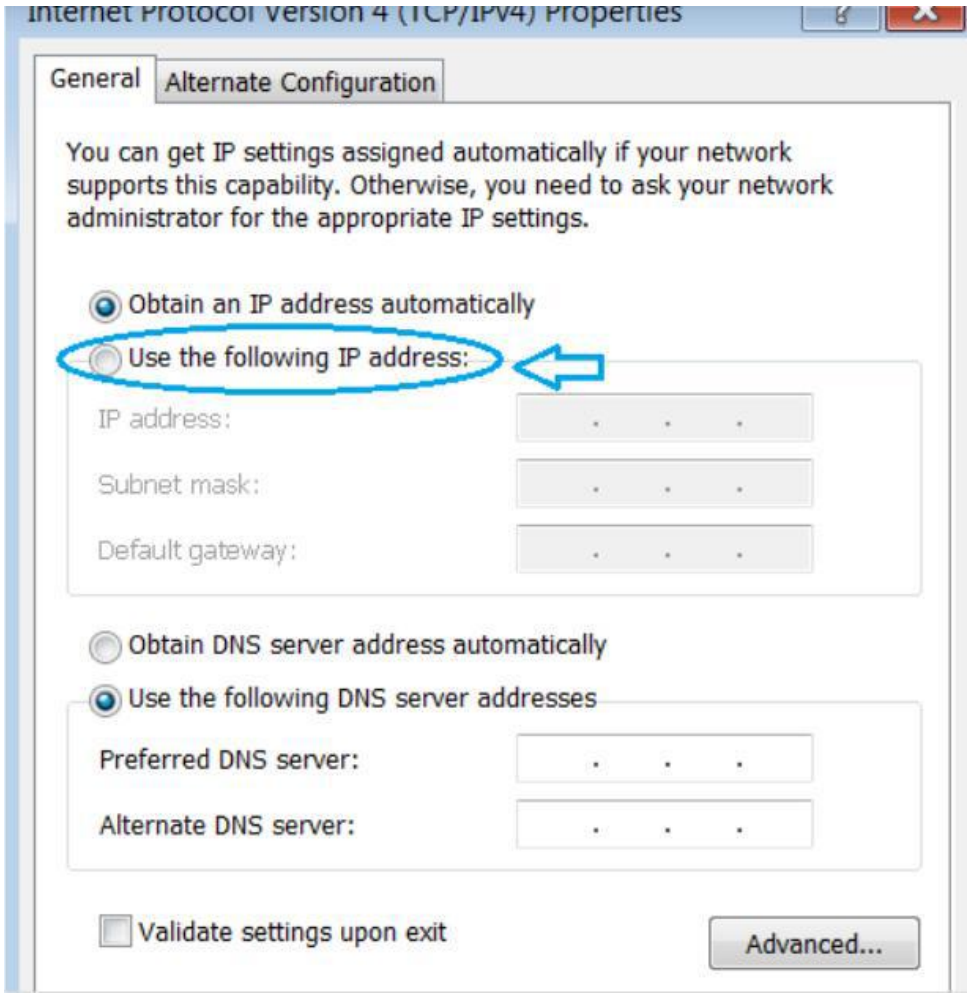




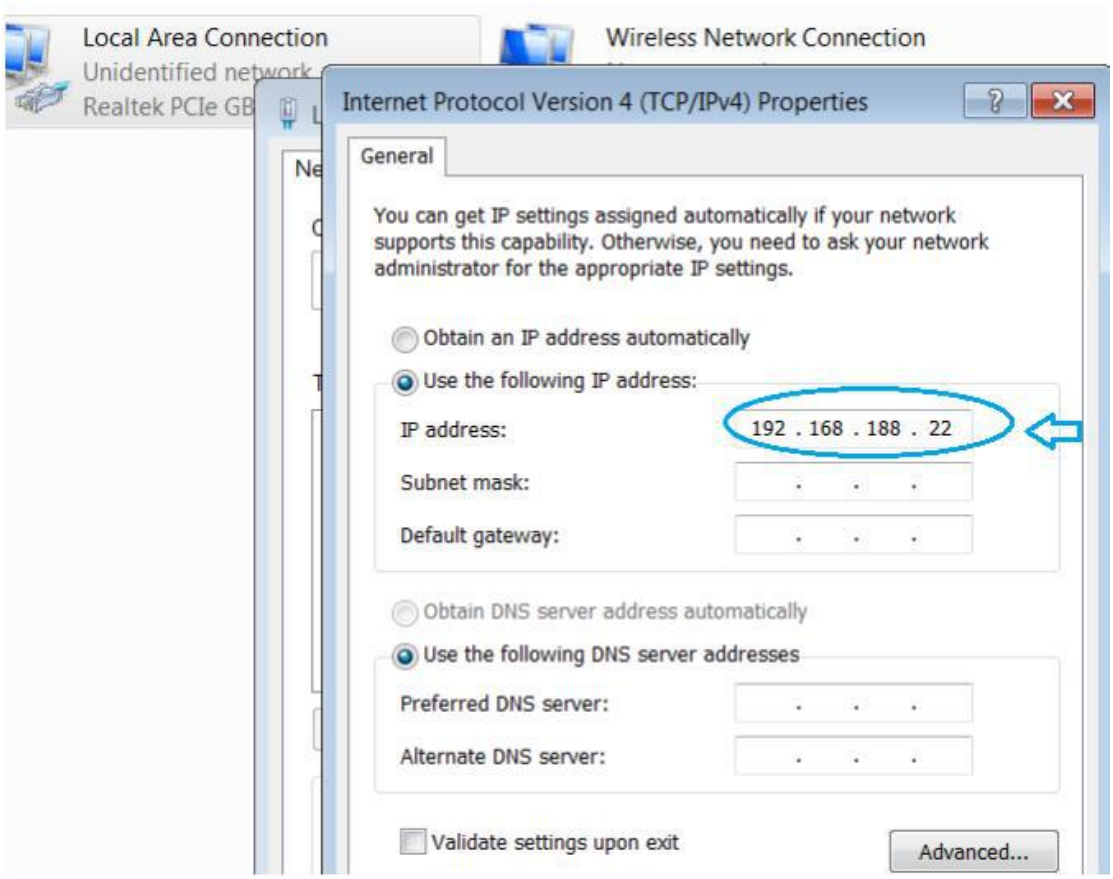


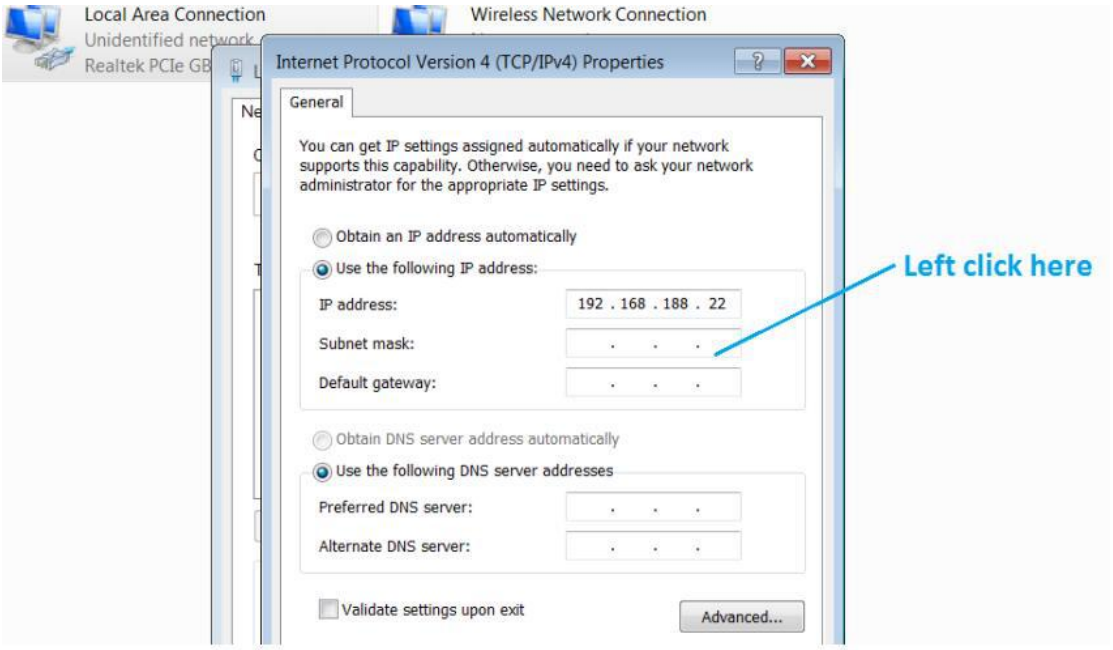
- Then click and choose properties





- Select use the following ip address


Local Area Connection
Realtek PCIe GB
Wireless Network Connection
Internet Protocol Version 4 (TCP/IPv4) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address:
192 . 168 . 188 . 22
Subnet mask:
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses
Preferred DNS server:
Alternate DNS server:
Validate settings upon exit
Advanced...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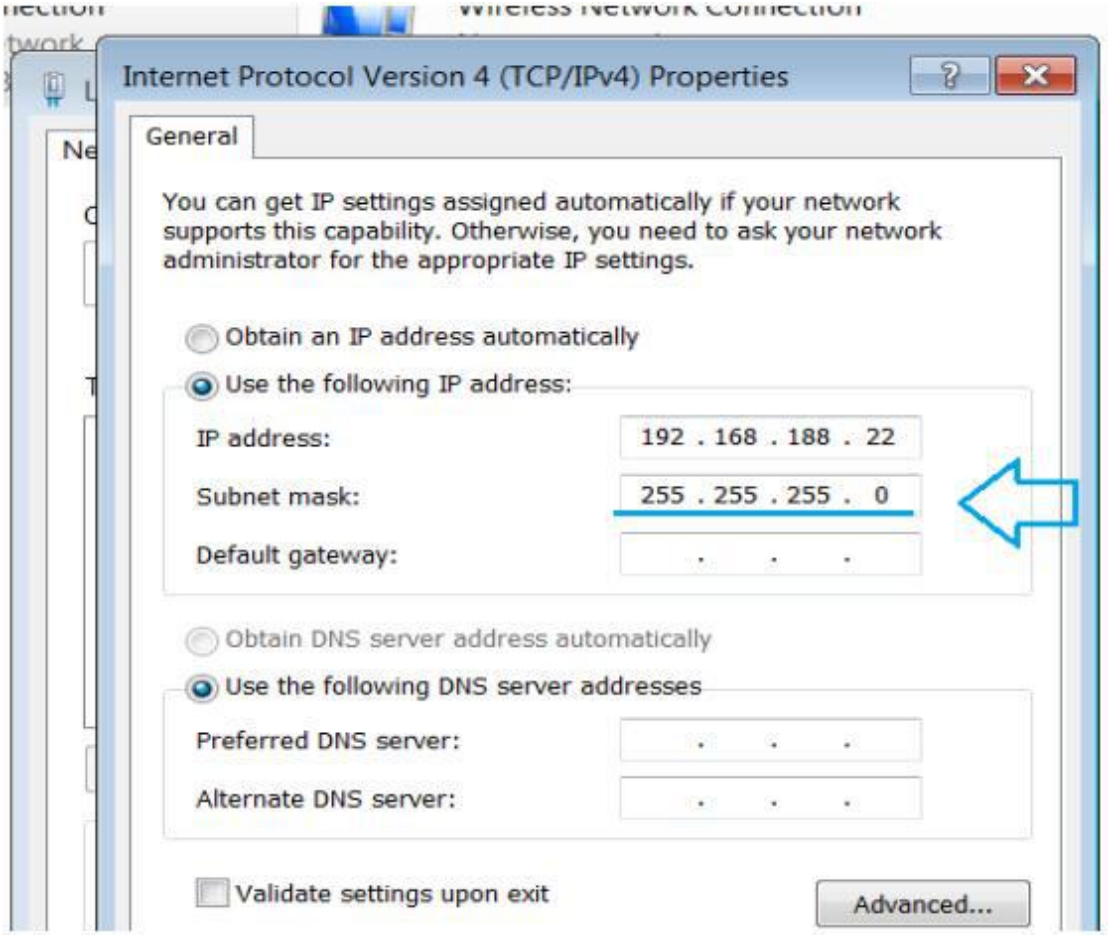
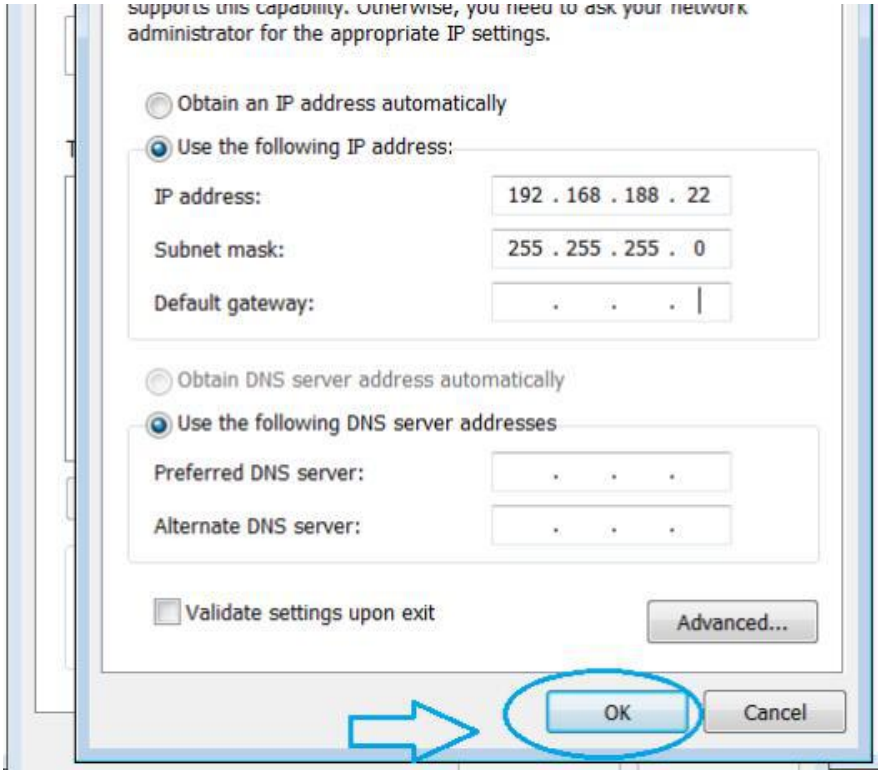
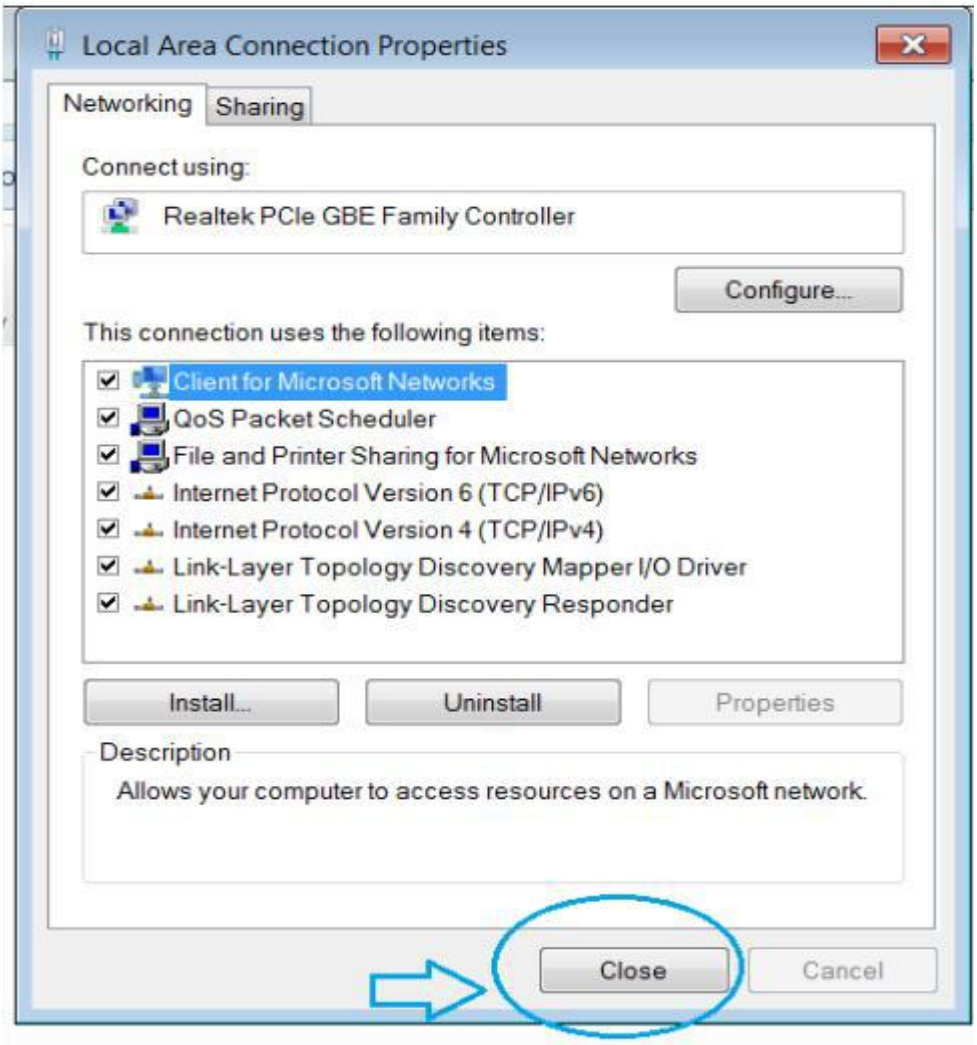
Preferred DNS server:
Alternate DNS server:
Validate settings upon exit
Advanced...
Left click here

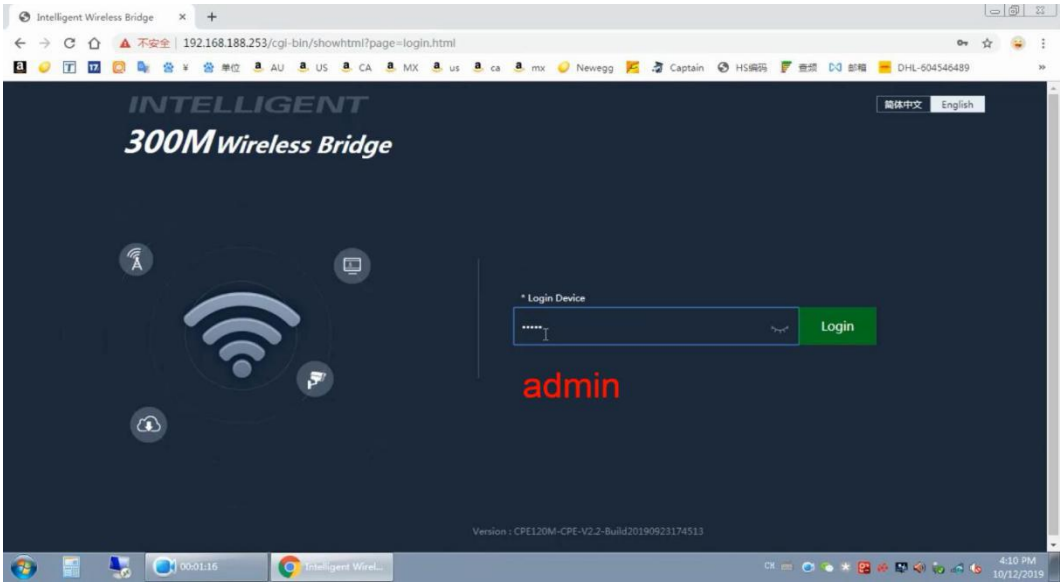


- Input ip address 192.168.188.XX(xx from 1-251)then click Close

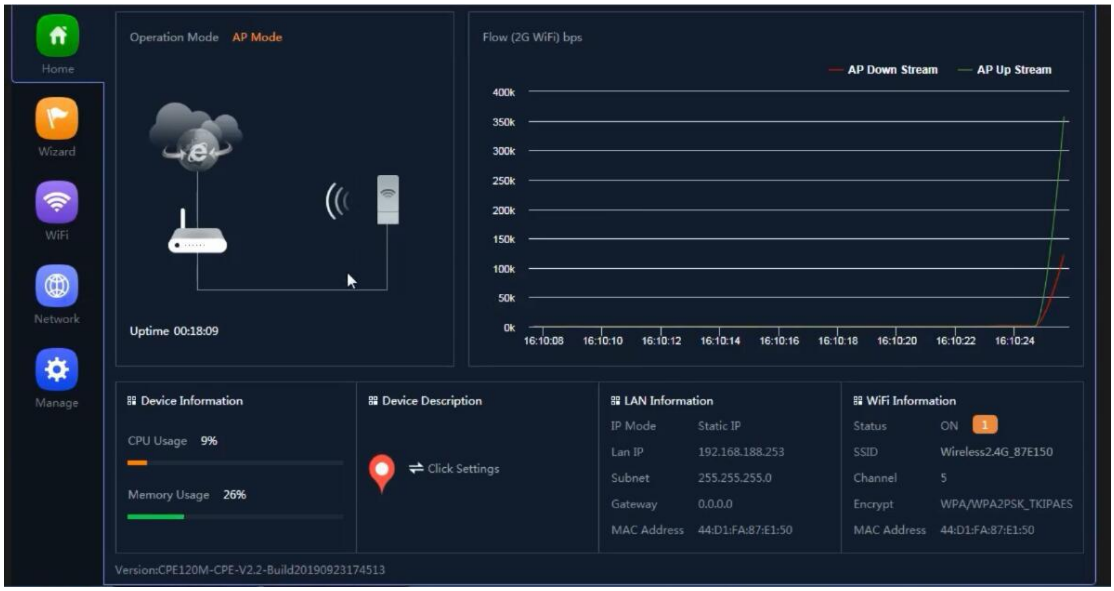




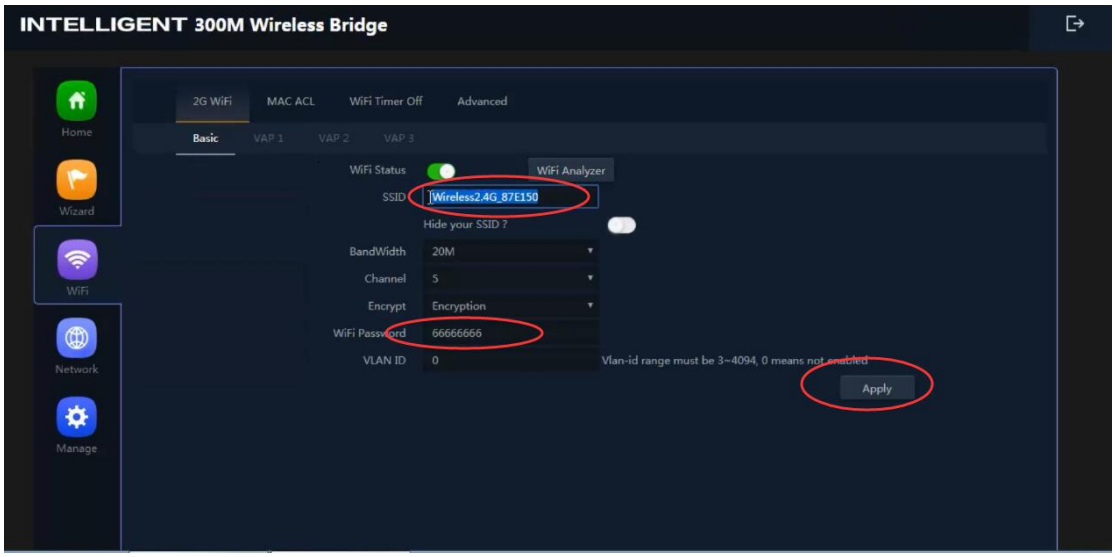
Log in CPE70R mater web ui use, IE or firefox browser wrote 192.168.188.253 ,the the user name and password is admin



- Update version come with AP+Repeater mode more stable



- Change wifi ssid name password like below show

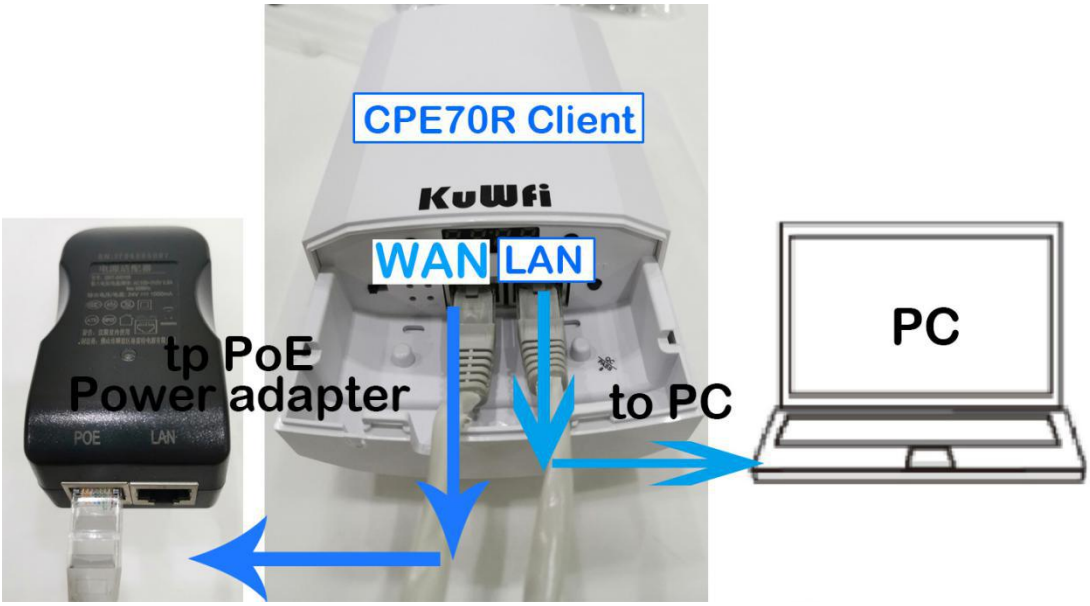


Application 2

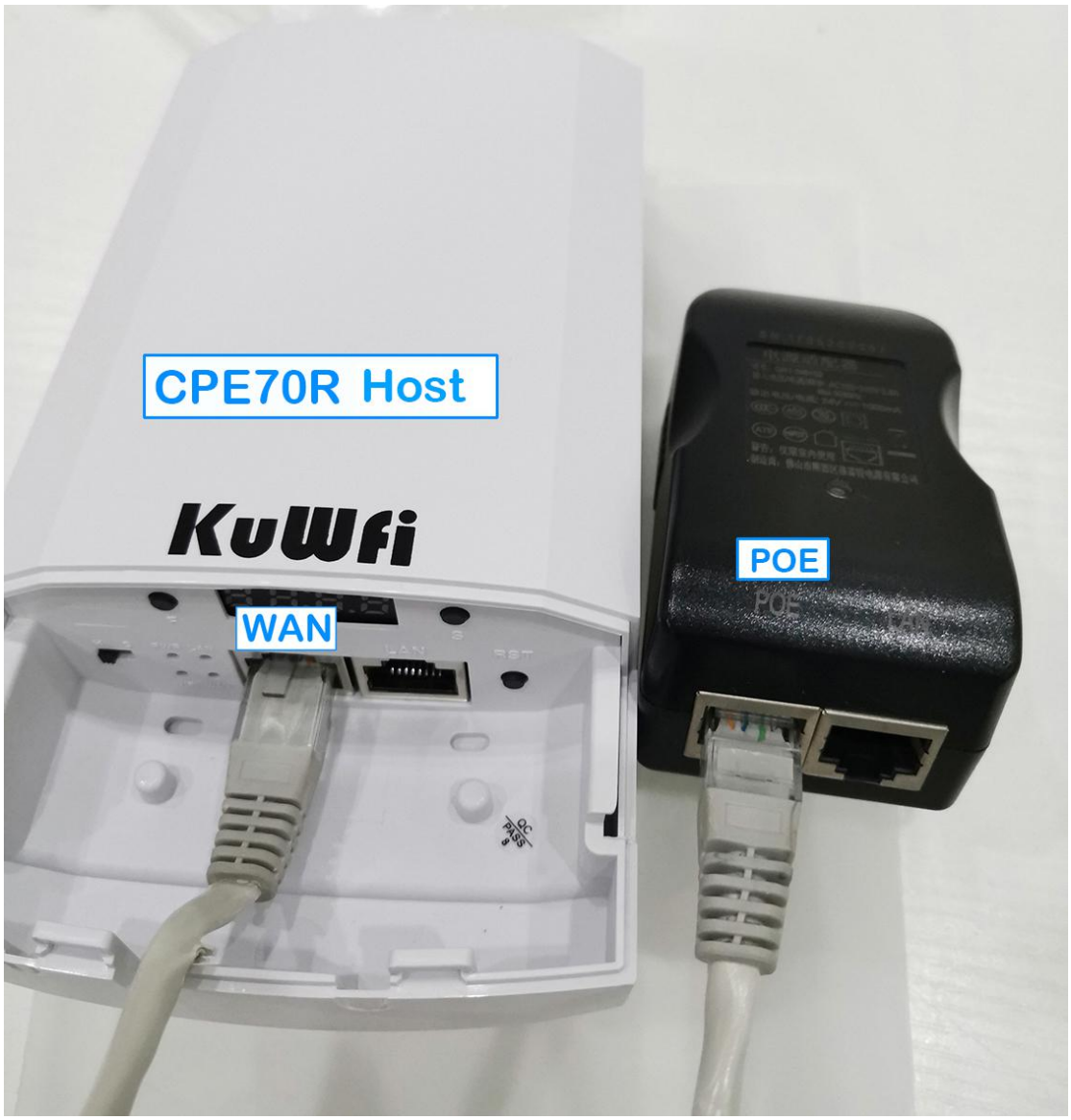
- CPE are used for wireless video transmission with camera (one place with one place)



Connect CPE70R Client to PC and power adapter as below photo show



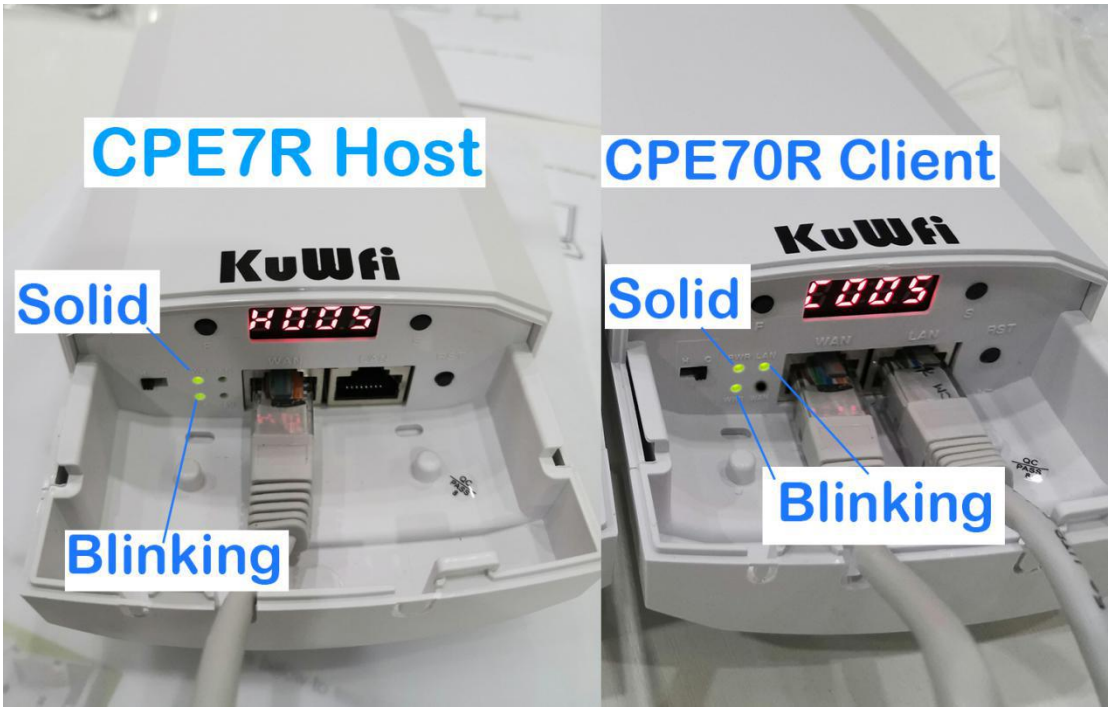
Connect CPE70R HOST/MASTER to power adapter as below photo show

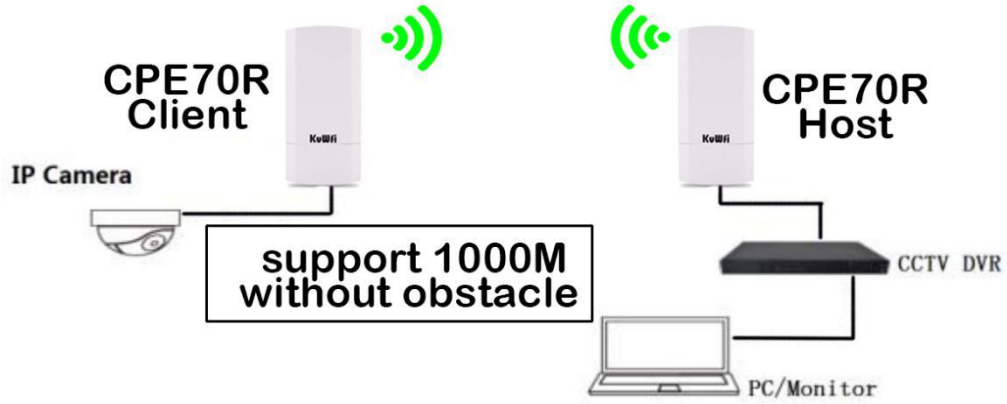






- Set range between CPE70R host and CPE Client 500M-1000M, of this two CPE

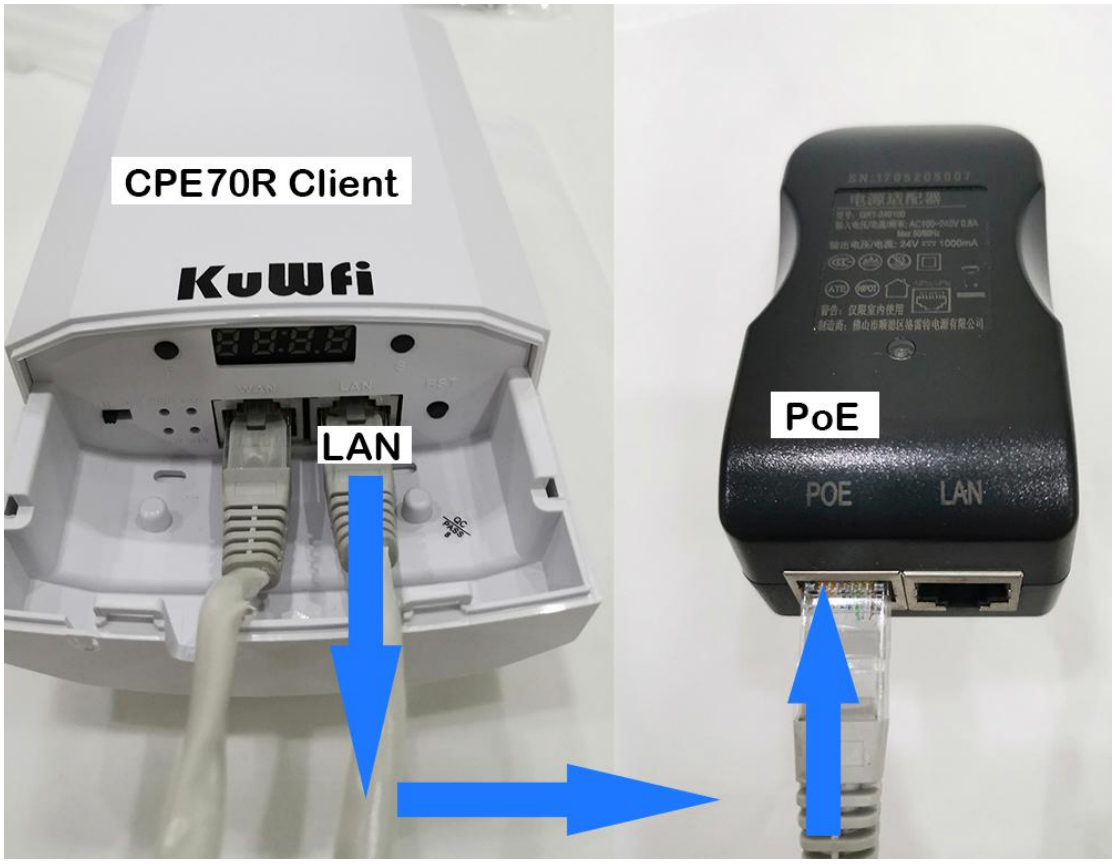




- Use Ethernet cable to connect wan port of CPE70R with IP camera



- Use Ethernet cable to connect lan port to cpe70R client POE PORT of power adapter ,wan port connect IP camera





- Use Ethernet cable to connect lan port to cpe70R master POE PORT of power adapter ,wan port connect router







Network topology



1)CPE70R Client and Host are installed face to face
2)No tree or other obstacle between them
3)CPE70R Client and Host are installed at same height (or in line)

Application 3

CPEs are used in wireless video transmission to more than 2-3or more cameras

Like below photo show.2. use Ethernet cable TO connect switch to IP cameras

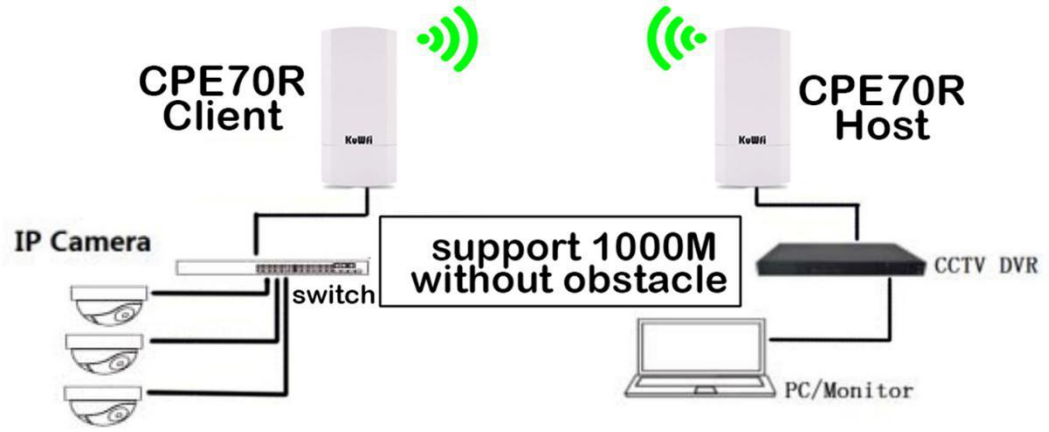
Use Ethernet cable to connect switch to CPE70r Client (C) Use Ethernet cable to

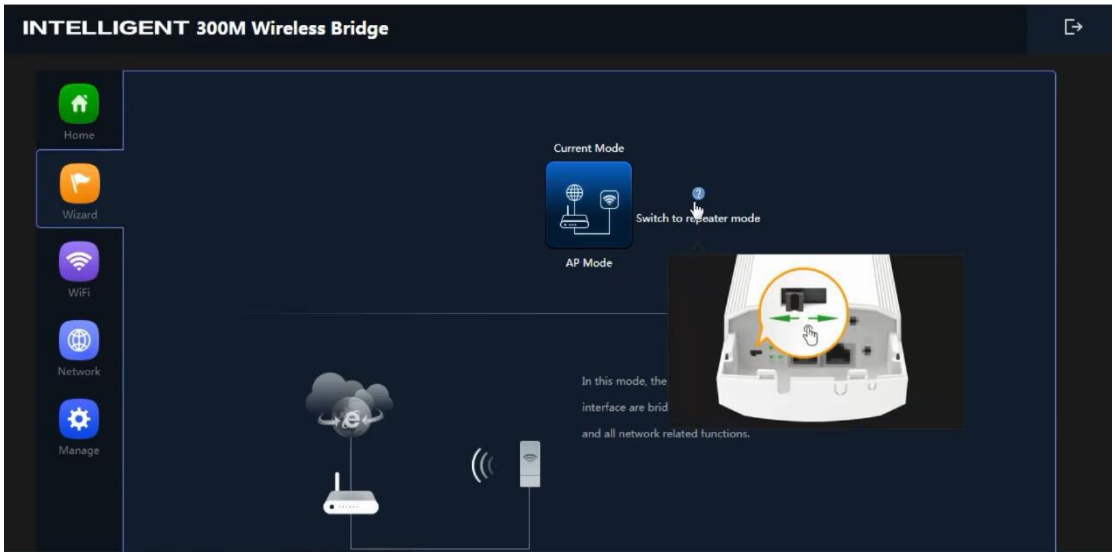
connect lan port of CPE70R host (H) to POE port of POE adapter Use Ethernet

cable to connect Wan port of CPE70R (H) to NVR/DVR Turn one all

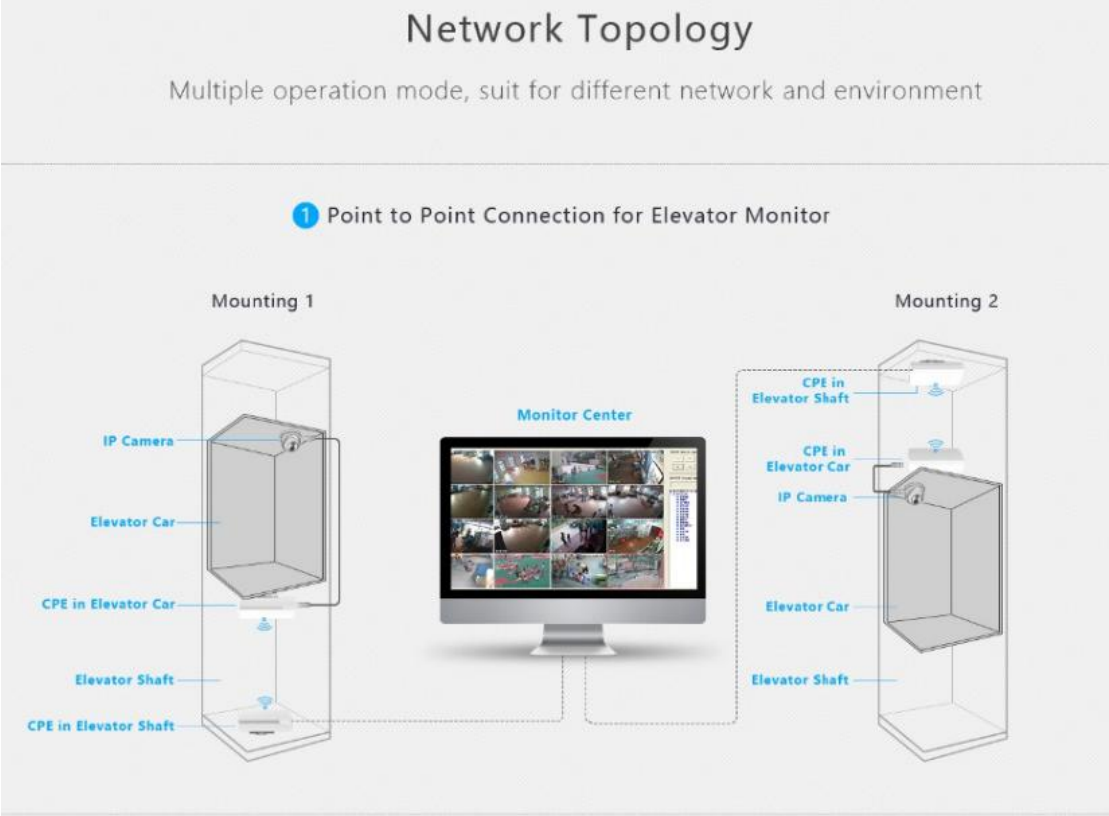
equipment ,wait for 1 min,you can see video of camera on

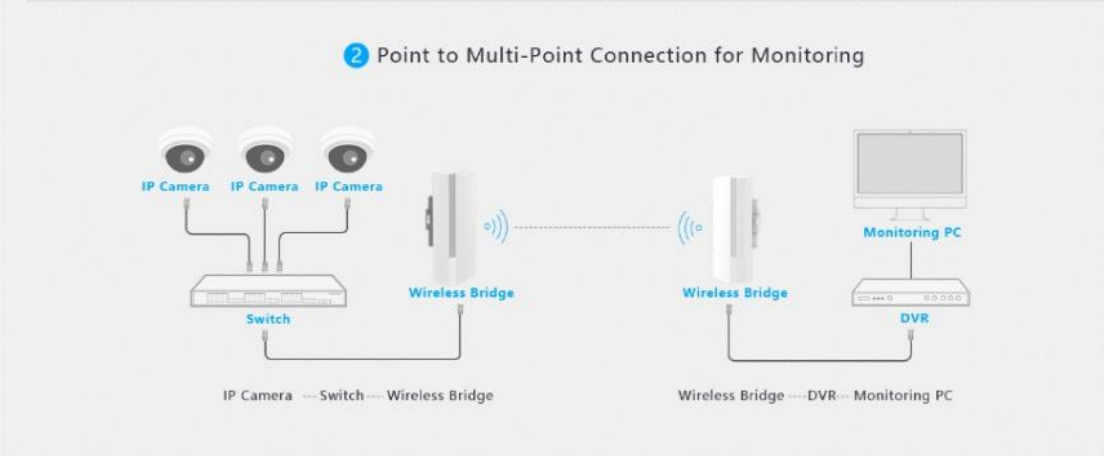
monitor

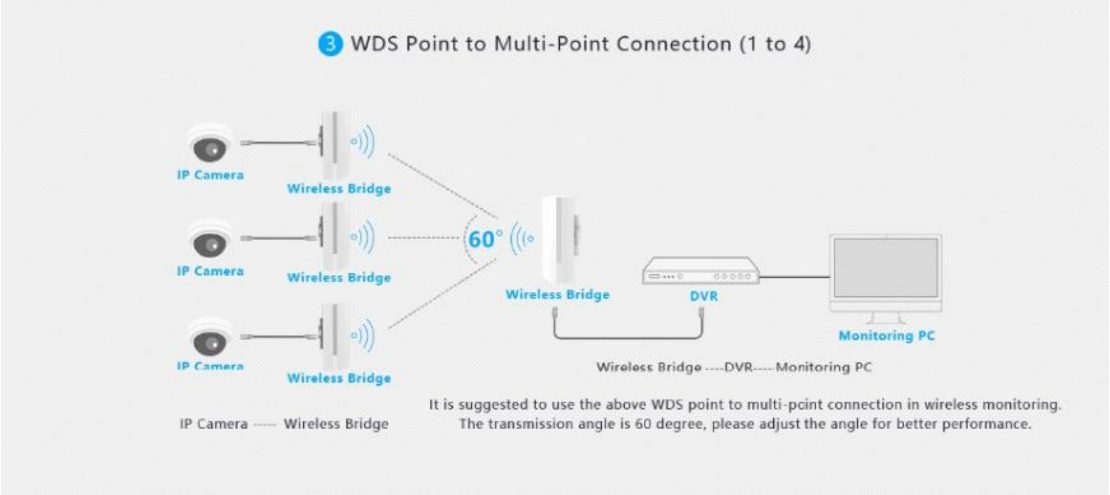


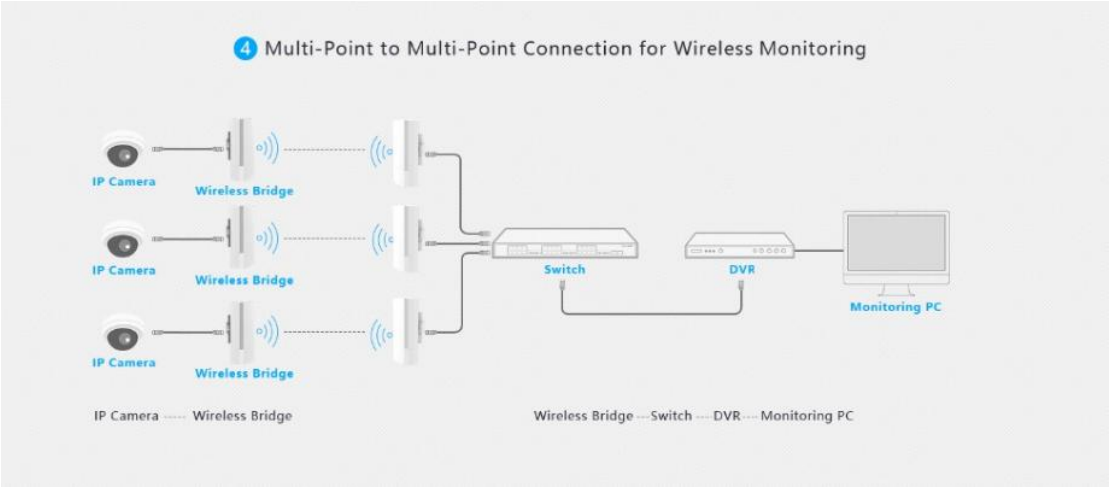


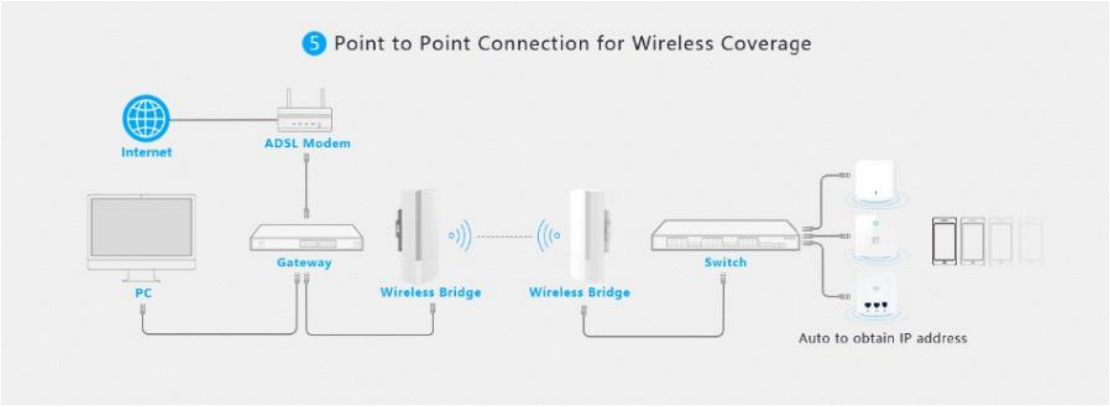
The web UI show one paired to work (AP+repeater mode) the web UI Repeater mode WiFi SSID turned off by default.
More Network topology show below


Network Topology
Multiple operation mode, suit for different network and environment
1 Point to Point Connection for Elevator Monitor
Mounting 1
Mounting 2
IP Camera
Elevator Car
CPE in Elevator Car
Elevator Shaft
CPE in Elevator Shaft
Monitor Center
CPE in Elevator Shaft
CPE in Elevator Car
IP Camera
Elevator Car
Elevator Shaft


2 Point to Multi-Point Connection for Monitoring
IP Camera
IP Camera
IP Camera
Switch
Wireless Bridge
Wireless Bridge
Monitoring PC
DVR
IP Camera Switch Wireless Bridge
Wireless Bridge DVR Monitoring PC







If you need any questions or problem please feel contact us , thanks