



## Proception Wi-Fi 5G High Bandwidth Outdoor PROAPE900 Triple Mode Point-To-Point, Repeater and Access Point

The Outdoor CPE can operate in various modes. The default mode is Point to point (P2P) and in this mode the CPE is expecting to bind to another unit.



Setup is via the three buttons under the removable cover. Lift the catch and slide downwards to remove the cover and you will see two RJ45 sockets labelled LAN and WAN.

WAN is the socket to connect the router/Gateway to.

LAN is the socket to connect the laptop or rest of the network.

Both LAN and WAN can accept PoE power from the injector.

### **Point to Point mode (Default)**

Sending a network between two points over a distance (perhaps a car park or road).

You connect either of the CPE to the router via the PoE injector supplied.



1. LAN on the PoE inject goes to the router. and POE on the PoE injector goes to the CPE.

2. Connect the cable from the injectors POE socket to the WAN socket on the CPE that will be on the router. *(This CPE will become the "H" Host)*

3. Connect the cable from the injectors POE socket to the WAN socket on the 2nd CPE that will be on the network side.

*(This CPE will become the "C" Client)*

4. You will see lines rotating on the LED display while the CPE boots up. *This can take up to 2 minutes to complete.*



5. On the CPE connected to the router press the left "F" button and change the displayed letter C to letter "H" (Host) by using the right button labelled "S".

The CPE NOT connected to the router should display letter "C".



6. Do not connect anything to the LAN sockets of "C" CPE just yet.

7. Double click the RST button on the "H" Host CPE and double click the RST button on the "C" Client CPE. Wait until the display stops rotating.

8. Now connect the LAN socket of the "C" Client CPE to a laptop and wait until the laptop is connected to the network or internet.

9. Once tested you can disconnect and deploy the CPE in a position that is line of sight to each other. The smaller the distance the more reliable and faster the connection will be.

10. Remember to replace the lower cover and seal with Silicon if required.

11. Indicator lights show status on the side of the CPE.



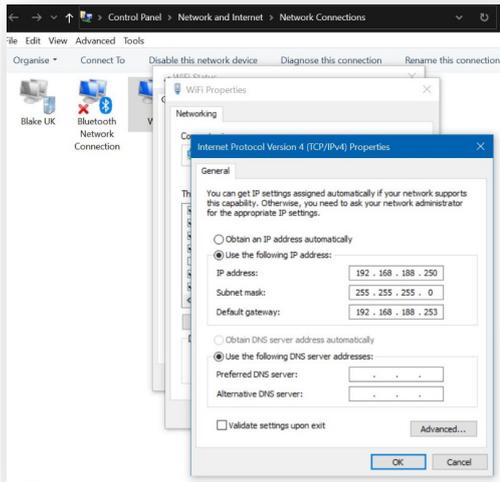


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### Using the CPE as an outdoor Wi-Fi Access point.

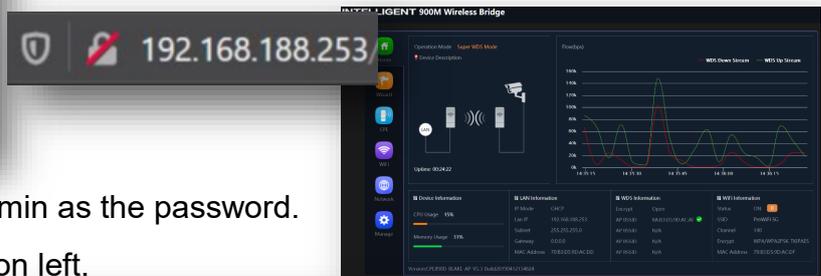
The default mode that the CPE operates in is P2P. You can however use the CPE as a Access Point for transmitting Wi-Fi over a garden area or a small outdoor space.

- Connect your laptop using Wi-Fi to the CPE's 5G ProWiFi 5G SSID. This will require the password 4wG7xDZ
- Once connected change your network setting in Wi-Fi to static IP as shown in the picture below.

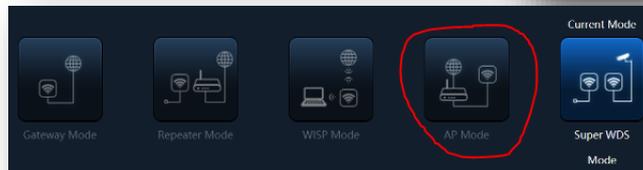


### NETWORK SETTINGS

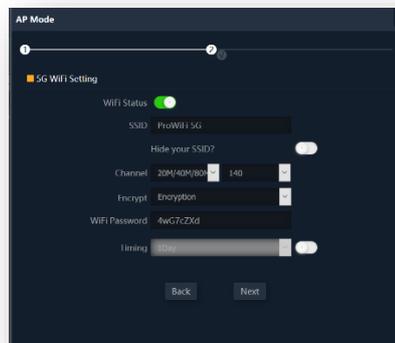
- ◆ Change the IP of your device to 192.168.188.250
- ◆ Leave Subnet mask as 255.255.255.0
- ◆ Change Default gateway to 192.168.188.253
- ◆ In your Browser type 192.168.188.253



- Log into the interface using admin as the password.
- Select the yellow Wizard icon on left.
- Select AP mode.



- Choose Get IP from gateway (DCHP) or select static IP and enter IP details manually.
- Choose the SSID and Password of the Access point
- You can select the channel and bandwidth as required or leave for the AP to allocate automatically.



- Let the Access Point reboot and wait three minutes for the Beacon to start transmitting the SSID that you have selected.