



WIJET NETWORKING – STEP-BY-STEP INSTRUCTIONS

For WiJET.G, WiJET.Gmac and WiJET.Video

Step-by-step instructions for integrating a WiJET into an existing WLAN. For a more detailed discussion on WiJET network integration please refer to our **WiJET Networking Guide** and/or the **WiJET Technical Manual**.

STEP 1 - ASSIGNING A FIXED IP ADDRESS:

Assigning a fixed IP address to the WiJET.

1. Put the PC/laptop (or WiFi card) onto the same subnet as the WiJET.
2. Make sure that the WiJET and PC/Laptop can actually establish a wireless connection/session.
3. Using a web-browser access the WiJET's web-based admin tool directly by entering:
[http://\[the WiJET's current IP address\]](http://[the WiJET's current IP address])
4. Go to the **ADMIN** tab.
5. Assign the WiJET an easy to identify name in the **Device Name** field.
6. Select **Manual-Static** to allow the WiJET to be assigned a fixed IP address.
7. Assign a fixed IP address that is native to the network to which the WiJET is to be integrated. Also enter the correct subnet mask and default gateway values.
8. "Apply" changes – the WiJET will reboot.
9. Exit the web browser.

STEP 2 - PUTTING THE WIJET ON THE WLAN:

Assigning the WiJET to the WLAN.

1. Change the PC/laptop's IP address back to its native network IP address.
2. Using a web-browser access the WiJET's admin tool directly by entering:
[http://\[the WiJET's current IP address\]](http://[the WiJET's current IP address])
3. Go to the **CONFIG** tab.
4. Set WiJET to **Infrastructure station** mode.
5. Assign the WiJET to a network access point by entering the correct SSID into the **SSID/network** field.
6. "Apply" changes – the WiJET will reboot.
7. Exit the web browser.
8. Redirect the PC/laptop WiFi card to network access the access point.
9. After the WiJET restarts, test to make sure sessions can be established via the WLAN.

STEP 3 - SECURING THE WIRELESS CONNECTION:

Setting up WEP encryption (optional).

1. Access the WiJET's admin tool and go to **CONFIG** tab again.
2. Enable WEP.
3. Set authentication mode (*Open* or *Shared*).
4. Set WEP key type (64-bit or 128-bit).
5. Enter applicable encryption key(s) (64-bit (*10 hex characters*) or 128-bit (*26 hex characters*)).
6. Specify the WEP transmission key.
7. "Apply" changes – the WiJET will reboot.

STEP 4 - SETTING UP THE WIJET TO ACCEPT A DHCP SERVED IP ADDRESS:

Enabling DHCP IP addressing (optional).

1. Access admin tool and go to **ADMIN** tab again.
2. Enable DHCP IP addressing.
3. "Apply" changes – the WiJET will reboot.

STEP 5 - FINAL CHECK:

1. Make sure all banner display indicators correctly reflect the entered customization values.
2. Make sure WiJET and PC/laptop can establish sessions through the WLAN.