

# Accessing Blue Pill

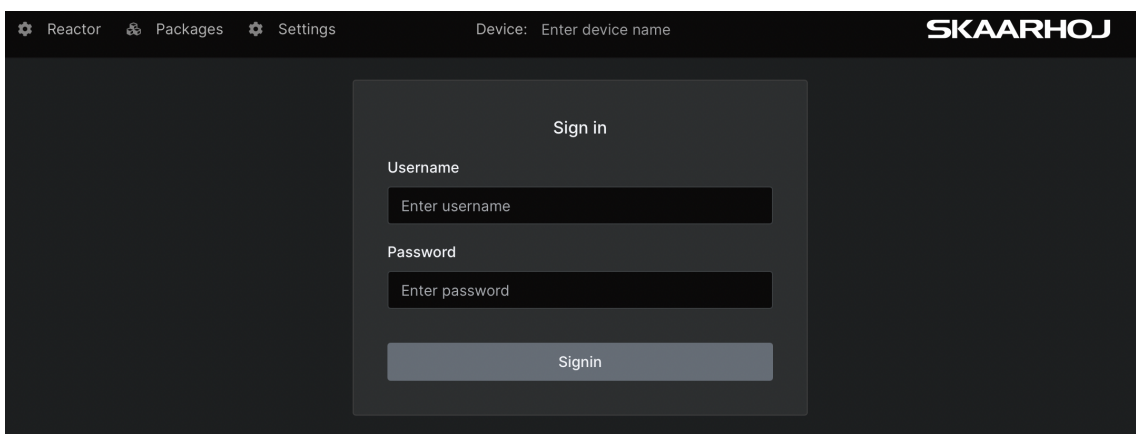
## DHCP or Static IP

The Blue Pill's user interface is accessed via the device's IP Address and any web browser. The IP address can be found on the display after it is plugged into a network connection with PoE or a network connection and a power supply (5V Micro USB). By default the Blue Pill should get an IP address of 192.168.10.99.



Entering the IP address into the address bar

of a search engine will bring up a prompt for username and password. The default is username: **admin** password: **skaarhoj**



## Wi-Fi Access Point

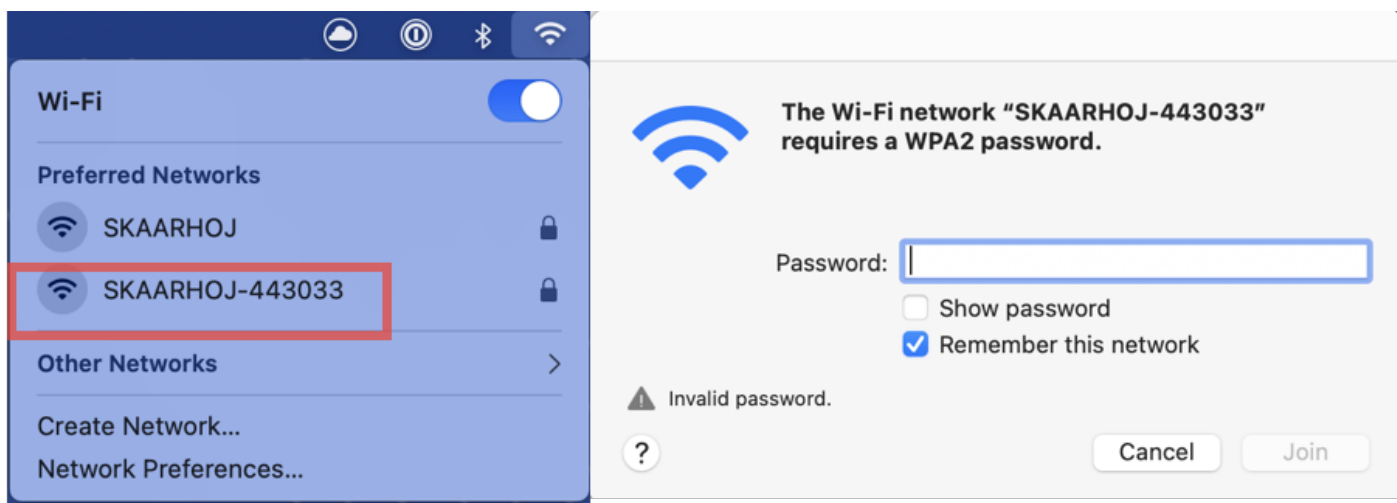
If the Blue Pill is not displaying an IP address, the web interface is accessible by enabling the internal Wi-Fi access point.

To enable the Wi-Fi access point, gently press and hold the config button on the side of the Blue Pill for about 3 seconds (Found next to the Ethernet jack. Use a flat screw driver, a paper clip or similar). When released, it will enable the internal Access Point and the LED will light up purple. It

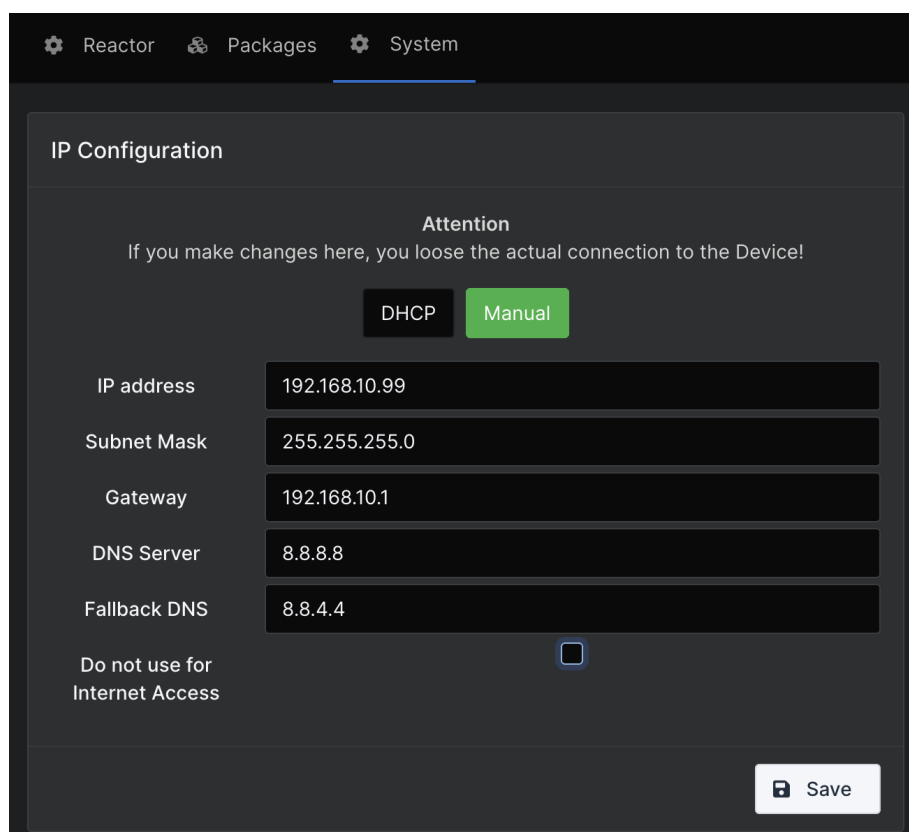
will show up in the Wi-Fi networks list as SKAARHOJ-XXXXXX (Blue Pill's serial number).

The default password is: **skaarhoj**

The web interface is then accessed at the IP address: **192.168.4.1**



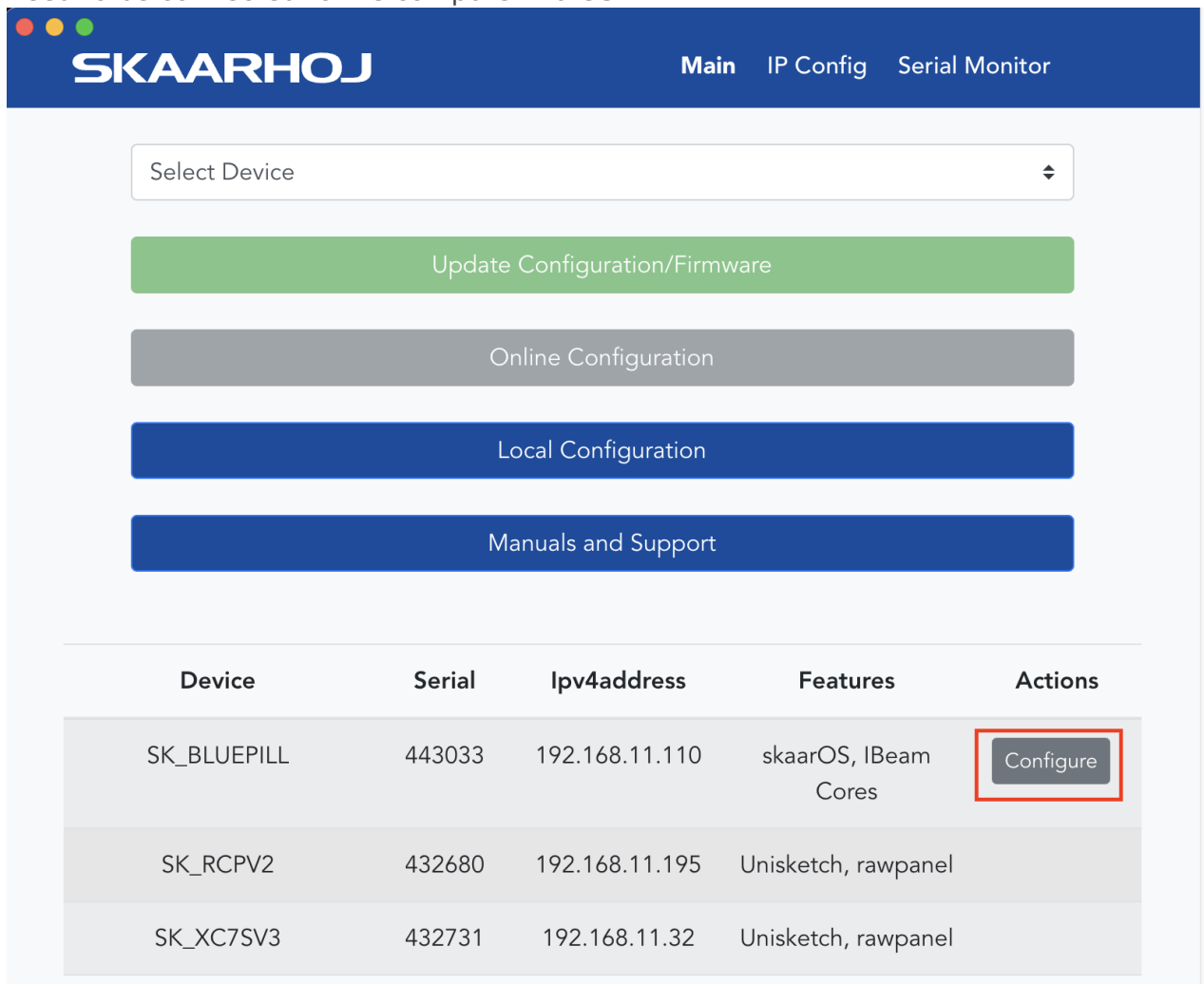
After accessing the Blue Pill it is best to navigate to the System Menu/System page to set a static IP address. Once saved, the new IP address will appear on the Blue Pill's display, it may be necessary to reboot or power cycle the device afterwards.



## Link from SKAARHOJ Firmware Updater

If the SKAARHOJ Firmware Updater open on a computer running on the same subnet as the Blue Pill, the Blue Pill should appear below the main controller access buttons of the updater. Clicking on

Configure next to the panel's information will open the web interface directly. The Blue Pill does not need to be connected to the computer via USB.

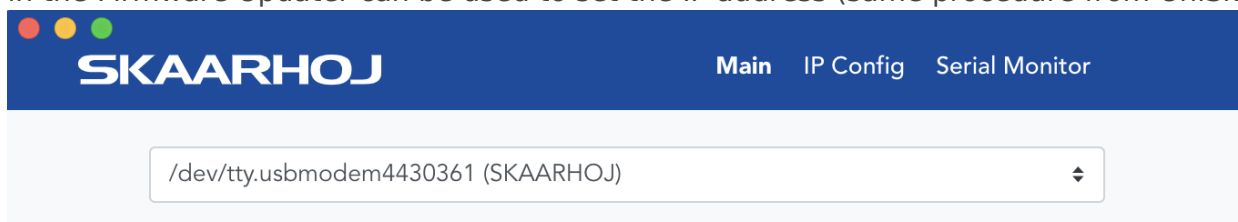


The screenshot shows the SKAARHOJ web interface. At the top is a blue header with the SKAARHOJ logo and navigation tabs: Main, IP Config, and Serial Monitor. Below the header is a 'Select Device' dropdown menu. Underneath are four buttons: 'Update Configuration/Firmware' (green), 'Online Configuration' (grey), 'Local Configuration' (blue), and 'Manuals and Support' (blue). Below these buttons is a table with the following data:

Device	Serial	Ipv4address	Features	Actions
SK_BLUEPILL	443033	192.168.11.110	skaarOS, IBeam Cores	<a href="#">Configure</a>
SK_RCPV2	432680	192.168.11.195	Unisketch, rawpanel	
SK_XC7SV3	432731	192.168.11.32	Unisketch, rawpanel	

## SKAARHOJ Firmware Updater and Micro USB

If a network connection to the Blue Pill is not available, the IP address can be set using a Micro USB cable. In this case the Blue Pill will appear in the "Select Device" dropdown and the "IP Config" tab in the Firmware Updater can be used to set the IP address (same procedure from UniSketch):



The screenshot shows the SKAARHOJ web interface with the 'IP Config' tab selected. The 'Select Device' dropdown menu now displays the path '/dev/tty.usbmodem4430361 (SKAARHOJ)'.

In this case it was identified as "/dev/tty.usbmodem4430361" (on MacOS) and pressing IP Config will open the IP set up page:

SKAARHOJ

MainIP ConfigSerial Monitor

IP Configuration

Use DHCP

☐ Enable

IP Address

10.11.12.13

✓

Subnet Mask

255.255.255.0

✓

Gateway

10.11.12.0

✓

DNS Server

8.8.8.8

✓

Device Cores

Cancel

Save Settings

If/When the warning below appears, press “Submit” and reboot the Blue Pill:

IP Address10.11.12.13✓

!

**Warning: No devicecores active**

You did not enable any devicecore, do you really want to continue ?

Submit

Cancel

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