

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 via DHCP, if that fails it should fallback to 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**

Please note that by signing in you are accepting the terms of the [user agreement](#).

Sign in

Username

Enter username

Password

Enter password

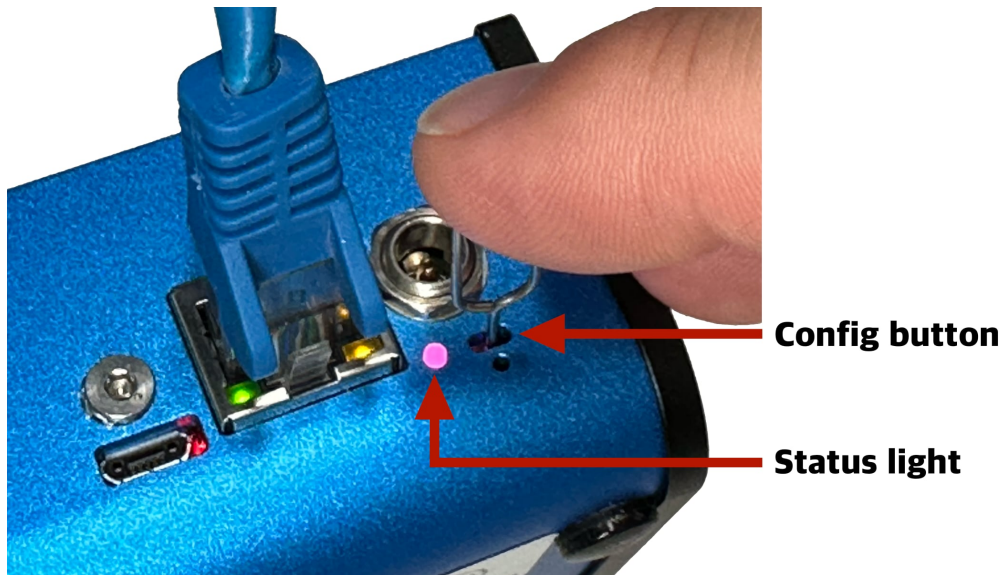
By continuing, you accept [user agreement](#)

Signin

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.

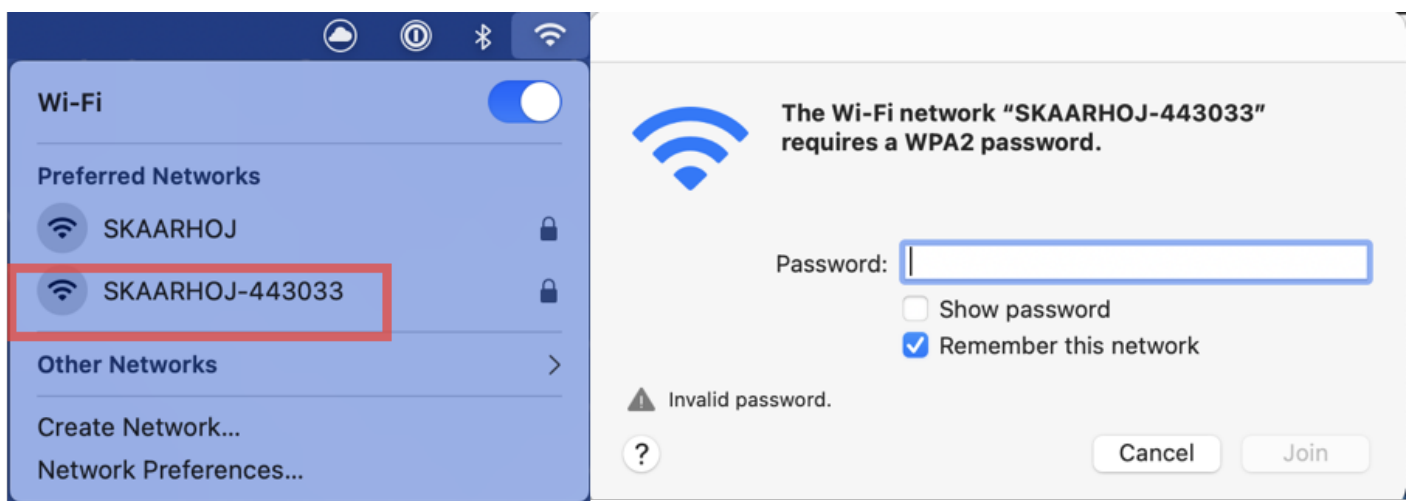
To enable the Wi-Fi access point, gently press and hold the config button on the Blue Pill device for about 3 seconds (see image below). Use a flat screw driver, a paper clip or similar - you should feel the springy button-click when pushing it.



After holding Config button for 3 seconds the internal Wi-Fi Access Point is enabled and the Status 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/Settings 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.

SystemHomeConfigurationSimulatorPackagesSettings

Device: T-Block Right

SKAARHOJ

System Information

System component	Installed version
Operating System	1.4-pre1
Device Type	
System Manager	v1.0.8 (75c9b06)
Serial Number	
Ethernet IP	192.168.11.101
Ethernet MAC	
System Memory Usage	8%

IdentifyReboot

ETHERNETWIFI

IP Configuration

DHCP

Do not use for Internet Access

IP address

192.168.10.99

Subnet Mask

255.255.255.0

Gateway

192.168.10.1

DNS Server

8.8.8.8

Fallback DNS

8.8.4.4

Save

Logs

all

3) module=main
2025-06-05, 10:00:05 reactor info Main device serial number: 445576 module=main
2025-06-05, 10:00:05 reactor info Using /var/ibeam/config/reactor for configurations module=main
2025-06-05, 10:00:05 reactor info Using /tmp/reactor for temporary runtime content module=main
2025-06-05, 10:00:06 reactor info Loading Project \default\ module=manager
2025-06-05, 10:00:06 reactor info Loading new panel collection default/latest module=manager
2025-06-05, 10:00:06 reactor info Trying to connect to panel on host... module=panels
2025-06-05, 10:00:06 reactor info Loading new device collection default/latest module=manager
2025-06-05, 10:00:06 reactor info initializing panel on host module=panels
2025-06-05, 10:00:08 reactor info Connecting Core: core-bmd-atem at local module=devices
2025-06-05, 10:00:08 reactor info Connecting Core: core-bmd-atem at local module=devices
2025-06-05, 10:00:09 reactor info Fully connected to panel on host module=panels
2025-06-05, 10:00:10 reactor info Connected to core at: local core=core-bmd-atem module=devices version=v1.1.0-pre11
2025-06-05, 10:00:10 reactor info Connected to core at: local core=core-bmd-atem module=devices version=v1.1.0-pre11

Download Logs

Remote Support

Enable:

Support Mode enables full access to controller and Web interface for the SKAARHOJ support team. Please also let the support team know your username and password for the webinterface or disable it here. Remember to turn off Support Mode when done.

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.

SKAARHOJ

Main

IP Config

Serial Monitor

Select Device

Update Configuration/Firmware

Online Configuration

Local Configuration

Manuals and Support

Device	Serial	Ipv4address	Features	Actions
SK_BLUEPILL	443033	192.168.11.110	skaarOS, IBeam Cores	Configure
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 in 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):

SKAARHOJ

Main

IP Config

Serial Monitor

/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 Address10.0.0.0✓

!

Warning: No devicecores active

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

Submit

Cancel

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