

# Update Software

Follow this guide to update the Blue Pill software.

- Blue Pill needs to have internet access
- This guide covers: The SkaarOS system software, and 3 necessary packages

If Blue Pill is unable to communicate with our server, please read the troubleshooting chapter:

<https://wiki.skaarhoj.com/books/blue-pill-reactor/page/unable-to-update-device-corespackagesos>

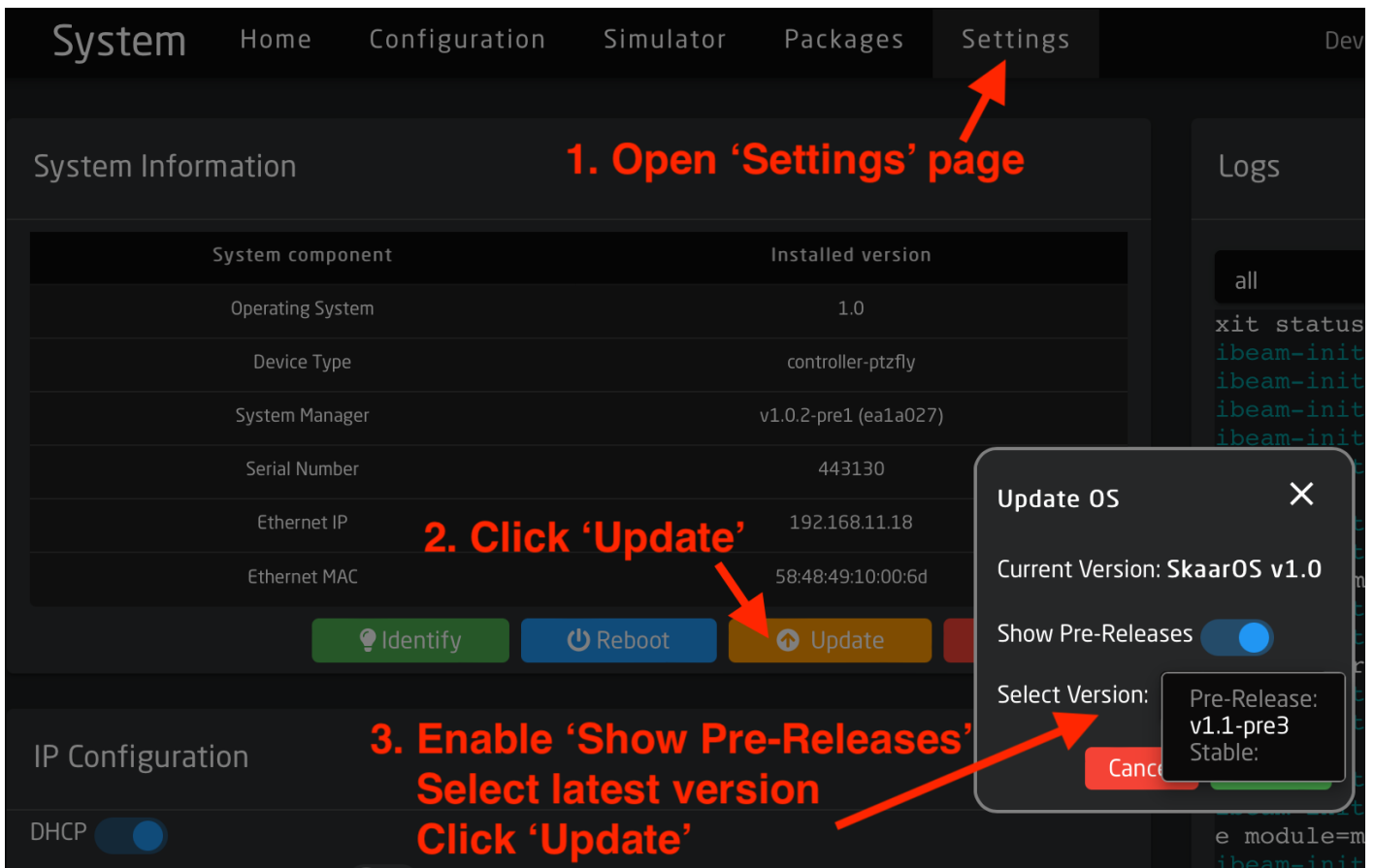
## Update SkaarOS system software

First, open the 'Settings' page. Here you see 'System Information' in the page top.

Click the orange 'Update' button to open the update pop-up.

Select the latest stable version for update. To update using the latest pre-release version, enable 'Show Pre-Releases' and select the latest version from the list. Please note, we can only fully support the latest stable release versions and pre-releases may have some bugs.

Click 'Update'. It will automatically download, install, and reboot the device.



## Update 3 necessary packages

Open the 'Packages' page.


Locate the 3 lines: 'hardware-manager' / 'system-manager' / 'reactor'

If a green 'Update' button is displayed to the right of any of them, this means there is an update available.

If so, please click the 'Update' button for each of them.








( After the update, if they do not display 'Running' you must click the 'Stopped' text and select 'Restart'. )

You can also update other packages here, such as individual device cores.

System Home Configuration Simulator **Packages** Settings Device: ptzfly **SKAARHOJ**  Show pre-releases

**1. Open 'Packages' page**

Search...

Status	Package Name	Package Description	Versions
● Stopped	core-protocol-vista	Core for VISA protocol	1.0.0  <span>Update to 1.0.1-pre4</span>
● Stopped	core-protocol-visa	Core for VISCA protocol	0.2.1-pre1  <span>Update to 1.0.0-pre4</span>
● Stopped	core-protocol-vista	Core for VISA protocol	0.2.4  <span>Update to 1.0.1-pre1</span>
● Stopped	core-protocol-visa	Core for VISCA protocol	0.2.6-pre...  <span>Update to 0.2.6-pre38</span>
● Running	hardware-manager	Connecting the native panel to reactor	1.0.3-pre2 
● Running	system-manager	skaarOS init system and webui	1.0.2-pre1  <span>Update to 1.0.2-pre3</span>
● Running	reactor	main application for connecting hardware and device cores	1.0.7-pre1  <span>Update to 1.0.7-pre2</span>

**2. Locate lines:**

- hardware-manager
- system-manager
- reactor


If they have an 'Update' button then click it  
(in this Blue Pill there are two packages needing updates)


## Update Pre-Release Versions

Show Pre-Release must be enabled to see pre-release versions on the Packages page.

This is done by clicking on the toggle at the top of the Packages page.



( This only affect the current web browser in the current session. It will be off next time you log in. )

System Home Configuration (beta) Simulator Packages Settings Device: bluepill **SKAARHOJ**  Show pre-releases

On the Packages Page, enable 'Show pre-releases' 

Installed Packages

Search...

Status	Package Name	Package Description	Maturity	Versions
● Stopped	core-bmd-atem	core for BlackMagicDesign ATEM Video Mixers	beta	0.0.6-pre13  <span>Update to 0.0.6-pre16</span>
● Stopped	core-canon-xc	Core for Canon cameras supporting the XC protocol	alpha	0.1.9-pre1 

## White list our server URL's

In order to download software, Blue Pill must have network access to these 3 domains:

- <https://pkg.skaarhoj.com>
- <https://init.skaarhoj.com>
- <https://lb1.skaarhoj.com>

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