

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.

The screenshot shows the 'System Information' page in SkaarOS. The top navigation bar includes 'System', 'Home', 'Configuration', 'Simulator', 'Packages', and 'Settings'. An orange arrow points to the 'Settings' tab with the text '1. Open 'Settings' page'. Below this is a table of system components and their installed versions. An orange arrow points to the 'Update' button at the bottom of the table with the text '2. Click 'Update''. Below the table, there are buttons for 'Identify', 'Reboot', and 'Update'. An orange arrow points to the 'Update' button with the text '3. Enable 'Show Pre-Releases' Select latest version Click 'Update''. A modal window titled 'Update OS' is open, showing the current version 'SkaarOS v1.0' and a toggle for 'Show Pre-Releases'. The 'Select Version' dropdown is open, showing 'Pre-Release: v1.1-pre3' and 'Stable:'. An orange arrow points to the 'Pre-Release' option with the text '3. Enable 'Show Pre-Releases' Select latest version Click 'Update''.

System component	Installed version
Operating System	1.0
Device Type	controller-ptzfly
System Manager	v1.0.2-pre1 (ea1a027)
Serial Number	443130
Ethernet IP	192.168.11.18
Ethernet MAC	58:48:49:10:00:6d

Buttons: Identify, Reboot, Update

IP Configuration: DHCP (on)

Modal: Update OS, Current Version: SkaarOS v1.0, Show Pre-Releases (on), Select Version: Pre-Release: v1.1-pre3, Stable: , Cancel

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

1. Open 'Packages' page

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)

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

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

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

Show pre-releases

Installed Packages

Status	Package Name	Package Description	Maturity	Versions
Stopped	core-bmd-atem	core for BlackMagicDesign ATEM Video Mixers	beta	0.0.6-pre13 Update to 0.0.6-pre16
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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