

# Connecting Multiple Blue Pill Panels

Tutorials on different workflows for connecting multiple Blue Pill panels

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# Sharing Device Cores Across Different Blue Pills

For some workflows it may be necessary to have a package running on a one Blue Pill and use it on another.

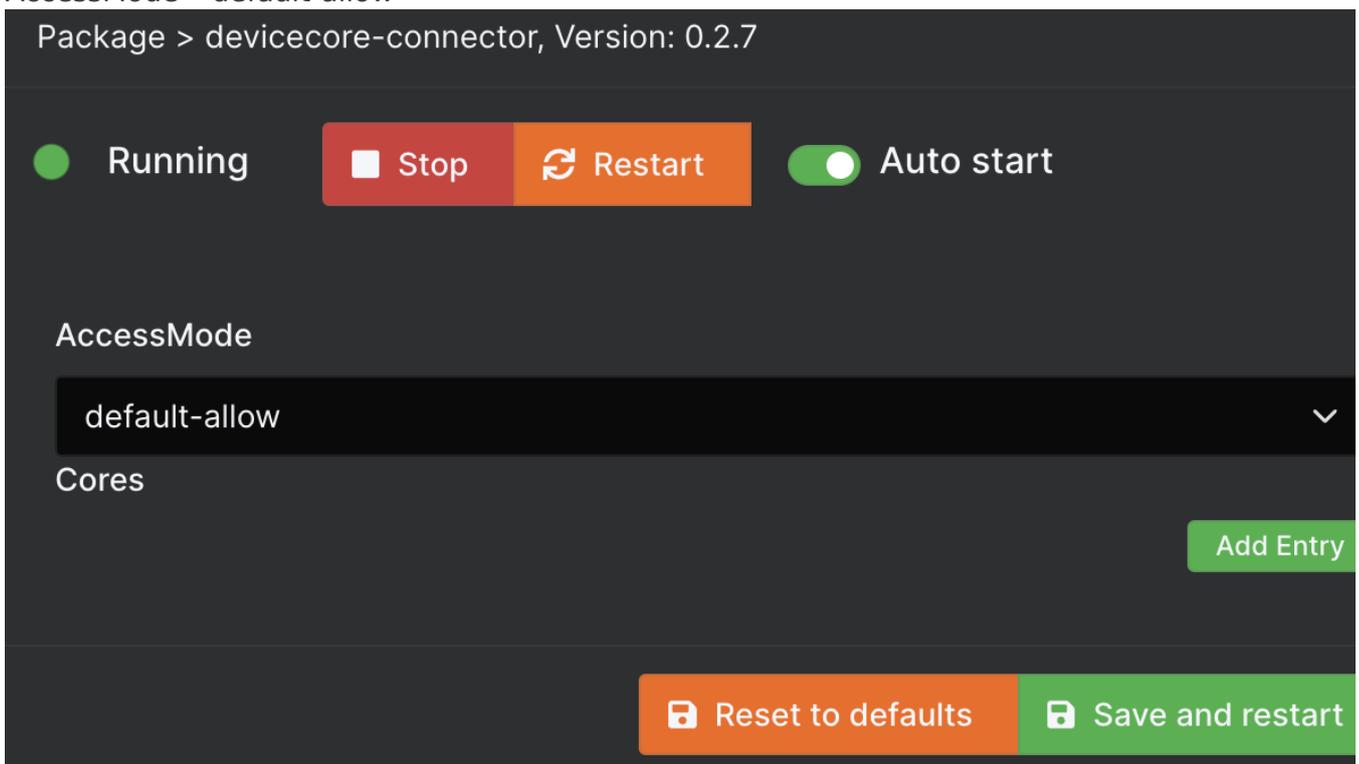
**Example 1:** You are controlling an Atem, and are on a different continent, the latency would probably not work well over the distance with Atem's own protocol, so you use the Blue Pill, then the Blue Pill to Blue Pill communication does handle latency better.

**Example 2:** When combining multiple Blue Pills at the cameras with Blue Pill Expansion Cables, you have to run the cores locally as they need serial access, but you probably want a central instance of reactor controlling all of them.

## Process:

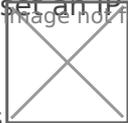
To connect two BP/BPI devices when a device core/package is running on one but not the other:

1. Install DeviceCore-Connector package on the BP running the needed package
2. AccessMode= default-allow



3. On the BP not running the package, set an IP address of the needed device core in the

device core detail section of Devices



Please note, it is important to have the Device IDs for each connected device match on every instance of Blue Pill it is located. This is what helps the Blue Pill properly identify each device. The Device ID will be unique per panel and per device core.

The Device ID is found in the Device Details for each connected device.



### CR-N500

Active

Name

Device Id

Model Id

Description

IP   
The IP address of the Canon device

Username   
The Username for the Canon device

Device Password   
The password that is set on the device

Missing IP  
Development status: beta

Delete Discard Save

# Using One Blue Pill Panel as the Main Unit

To set up multiple Blue Pill Inside units to work in a group together, it is necessary to change some settings in the connected panels to allow them to be controlled by the main Blue Pill panel.

The connected unit needs the following changes:

1. Stop Reactor



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2. Disable Auto-Start

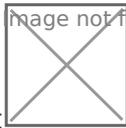
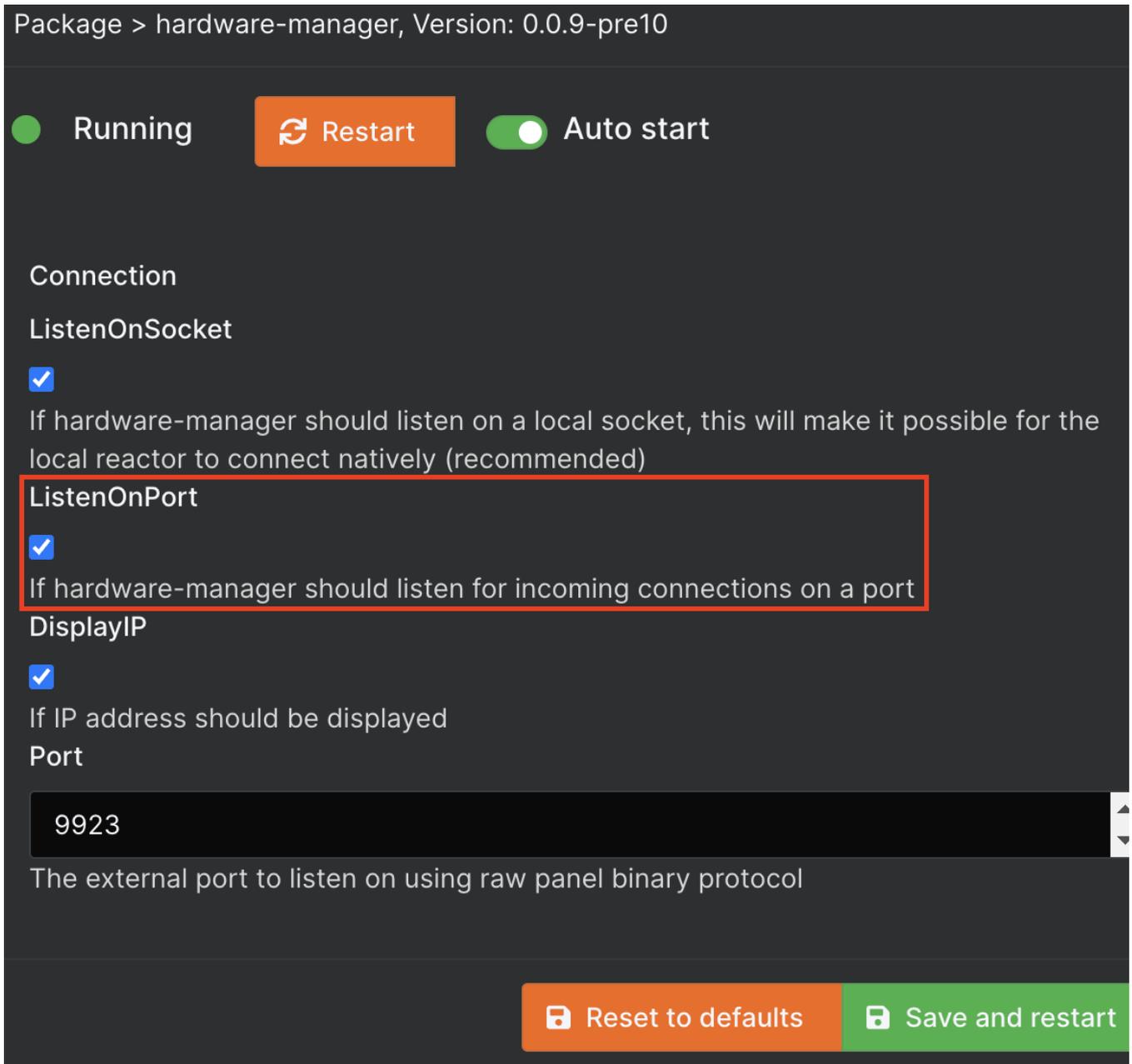


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### 3. Enable Listen on Port in Hardware Manager



4. Save and restart

5. Add as normal panel to the main BP/BPI

Please Note, turning off Reactor will limit the page selections to Package and Settings. All other pages are part of the Reactor firmware package.