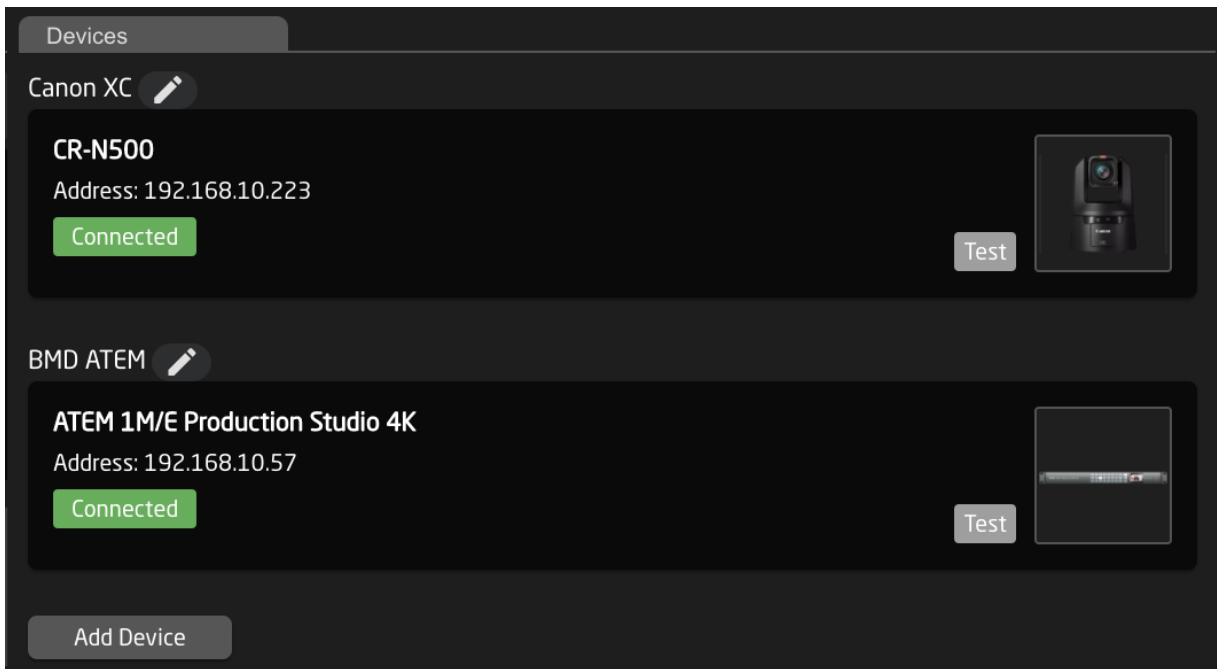


Devices

The Devices section is where new devices are added to be connected with the SKAARHOJ panels. There are two ways a device can be added, Auto Discover and Manually.



Auto Discover

Searching on the network for devices will find many types by a combination of mDNS look-ups and other methods. However, not all devices can be discovered easily, but with those that can, it's a simple click of a button to add it to the Blue Pill device collection. Following an Auto Discover some device details may still be needed to establish connectivity. See Device Details section for set up.

Add Devices

Discover Devices

Add Device Manually

Devices found on the network

Searching for devices...

Search...

Device Name	Device Core	IP	Actions
JVC PTZ KY-PZ400	core-protocol-visca:29	192.168.10.85	Select
Blackmagic ATEM Production Studio 4K	core-bmd-atem:12	192.168.10.57	Select
RoboSHOT 30E NDI	core-vaddio-ptz:1	192.168.10.138	Select
Blackmagic Smart Videohub	core-bmd-videohub:2	192.168.10.61	Select
CR-N500	core-canon-xc:1	192.168.10.223	Select
AIDA PTZ	core-protocol-visca:6	192.168.10.143	Select

Rows per page:

10

1-6 of 6

<>

Pressing SHIFT + the green Select button will allow for multiple device selection.

Manually Added

If a device must be added manually, it's easy to look it up in the list of supported models. Following a manual choice of device, the user will have to enter the IP address and other possible device detail information. See the Device Details section for set up.

Add Devices

Discover Devices

Add Device Manually

Manual add devices

Search...

Device Name	Device Core	Description	Actions
Generic Model	AJA KUMO	default model of the implementation	Select
KUMO 1604	AJA KUMO	AJA KUMO 16 input, 4 output router	Select
KUMO 1616	AJA KUMO	AJA KUMO 16 input, 16 output router	Select
KUMO 3232	AJA KUMO	AJA KUMO 32 input, 32 output router	Select
KUMO 6464	AJA KUMO	AJA KUMO 64 input, 64 output router	Select
ATEM Television Studio HD	BMD ATEM	ATEM Television Studio HD	Select
ATEM Mini Extreme	BMD ATEM	ATEM Mini Extreme	Select
ATEM Mini Extreme Iso	BMD ATEM	ATEM Mini Extreme Iso	Select

Pressing SHIFT + the green Add Device button will allow for multiple device selection.

Adding Based on Core

When the Home screen is in Advanced mode, it becomes possible to add device pre-filtered based on the device core. Both methods of adding the device (discovered and manually) are still available.

bluepill 

Change

☒ Show Advanced

Running

Devices

Canon XC


CR-N500

Address: 192.168.10.223

Device ID: 1

Connected

Test



Add to Core

BMD ATEM


ATEM 1M/E Production Studio 4K

Address: 192.168.10.57

Device ID: 3

Connected

Test



Add to Core

Add Device

Device Details

Devices are presented in a nice overview with their connectivity status and IP address shown clearly.

Devices


Canon XC

CR-N500

Address: 192.168.10.223

Connected

Test




BMD ATEM

ATEM 1M/E Production Studio 4K

Address: 192.168.10.57

Connected


Test



Add Device

Clicking on a device's name in the Devices section will open up the details. Here the active status, IP address, Username and Password, Device Name, DeviceID, ModelID, and Description can be adjusted. (Details shown here are for a Canon CR-N500 PTZ camera, available detail options are device specific) . The device name and description are customizable. The device

name will be the default name used by any camera selector for a display name. The status must be Active to control the device. The Ping button will open the ping tool to check the connectivity, stability, and latency on the connection to the device.



Connected

Development status: alpha

Ping

CR-N500

Active

☒

Name

CR-N500

Device Id

1

Model Id

CR-N500

Description

IP

192.168.10.223

The IP address of the Canon device

Username

The Username for the Canon device

Device Password

The password that is set on the device

Delete

Save

Device Core Details

Devices will be shown broken down into different groups based on their associated device core. Device cores are auto loaded onto the blue pill when a new core is selected via a device.

Clicking on the Device core name associated with the devices will open additional details.

Canon XC

alpha

Manual

Autofix potential problems ?

X

Address

local

Description

Type description here...

Simulate

☐

UsePrereleases

☐

DisableAutoResolve

☐

UseEncryption

☐

Core specific settings:

PersistentStorage ☐

Delete

Save

Name	Description
Maturity Level	Development maturity level of the device core. See Packages section for more information on the different levels.
Manual	Opens device core manual to see controllable parameter list.
Auto-fix Potential Problems	Re-syncs device core locally.
Address	The location of the device core. Local references the core on the individual Blue Pill. To connect to the core running off of a remote Blue Pill, use the IP address of the remote Blue Pill (must be accessible from local subnet).
Description	Custom description for personal reference.
Delete	Deletes all devices using the core but not the core itself.
Simulate	Runs the device cores in simulation mode to see how it would work on the controller. The individual devices needs to be 'active' for it to simulate.
UsePrereleases	Uses the prerelease versions of the device core.
Disable AutoResolve	coming soon
Use Encryption	coming soon
Core specific settings	Settings specific to the individual device cores. Mouse over the name in the web interface for more details.

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