

# Trophy #126: Dream Chip AtomOne RCP Control



## Resources

- [DreamChip AtomOne](#) - Accessories and settings to connect
- [RCP Pro](#) - Product details and price
- [Product Information Document RCP Pro](#) - Product descriptions, product images, data sheet, FAQ and videos
- [DreamChip Device Core Parameters](#) - All the parameters we support
- [Blue Pill / Reactor](#) - Getting started
- [Video demo](#)

We are constantly developing on our integrations and this page will continuously be updated



Trophy #126

# DreamChip AtomOne RCP Control

SKAARHOJ

## Benefits

- ★ RCP control of all features in your DreamChip camera
- ★ Full multi matrix control of DreamChip cameras
- ★ Simple - control and power on one cable via PoE
- ★ True RCP Joystick fader with pedestal ring and push
- ★ Multi master control with full synchronicity
- ★ Multi camera control from a single RCP
- ★ Daisy chained or parallel cabling

## What to expect

You will be able to control essentially every relevant setting in the DreamChip camera series from an RCP with a real RCP Joystick. This makes the integration in broadcast workflows very easy. In familiar ways you can take advantage of the advanced color shading settings in the DreamChip camera to match it up with other cameras on your production. Blue Pill Extension cables make it super easy to connect your camera to power and control. Only an SDI cable is needed, in addition, to bring the picture to your routers.

RCP Pro has the world's most innovative and attractive RCP Joystick with a large OLED display on top. The joystick follows all conventions with push action for GPI and a master black ring on the knob.

Blue Pill runs a device core that talks to the camera and any number of SKAARHOJ controllers can connect to the Blue Pill and enjoy synchronized access to all parameters in the camera.

RCP Pro is designed as a single camera RCP, but it does have an 8-camera selector built in natively to access more cameras easily.

## Model Support

- AtomOne, AtomOne mini, AtomOne mini Zoom (Use BPX-H6 Blue Pill Extension cable)
- AtomOne SSM500 (Use BPX-X3-B4/H20 Blue Pill Extension cable)

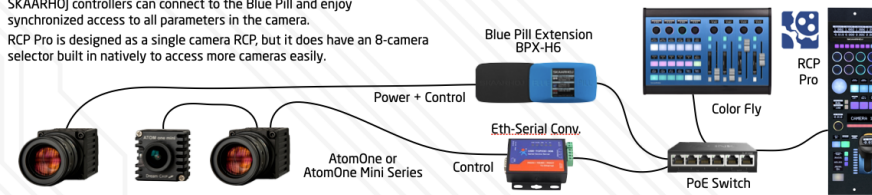
## Default Combinations

- **"DreamChip"** - Default camera profile for RCP Pro
- SKAARHOJ RCPv2 can also be used alternatively to RCP Pro. RCPv2 will require a master Blue Pill to run Reactor. We also recommend considering Color Fly as a multi camera RCP solution in a small form factor.

## Set Up Example

The Blue Pill BPX-H6-L4 extension cable has a connector that goes directly into the AtomOne or AtomOne Mini and brings both 12V power and RS-485 signals to the camera. Blue Pill shall be connected to a PoE switch. The 12V power to the camera can be applied either through a DC jack on the Blue Pill Extension or via PoE+ if the Blue Pill is purchased in a special power version.

Any SKAARHOJ controller can work in this set up, but we recommend RCP Pro. Other SKAARHOJ controllers need to connect to Reactor on a Blue Pill. The Blue Pill to host Reactor can be a separate master or a Blue Pill with Extension cable.



## Technical Notes

For the Blue Pill Extension cables to deliver 12V camera power via PoE, you will need to purchase the Power version and use a PoE+ switch.

## Learn More



Demonstration video



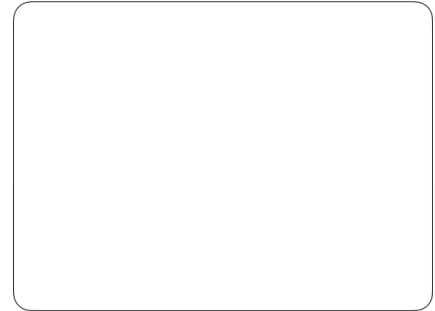
Manuals, Cabling Guides, Parameter Support, Press Kit

## Blue Pill and Reactor

Blue Pill is a SKAARHOJ platform that boosts the capacity and capability of SKAARHOJ UniSketch controllers. Reactor is our flagship panel management application running on Blue Pill. Blue Pill technology is also available as an option (BPI) for many controllers as an alternative to UniSketch.



## Reseller / Notes



April 2022

Revision #3

Created 11 April 2022 08:08:13

Updated 3 December 2022 17:17:31