Trophy #125: Dream Chip SSM500 SloMo and RCP Control

Resources

- [DreamChip AtomOne](#) - Accessories and settings to connect
- [RCP Pro](#), [RCPv2](#) - Product details and price
- [DreamChip Device Core Parameters](#) - All the parameters we support
- [Product Information Document RCP Pro](#) - Product descriptions, product images, data sheet, FAQ and videos
- [Blue Pill / Reactor](#) - Getting started
- [Video demo](#)

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

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SKAARHOJ

Benefits
- ★ Separate Replay and RCP control of SSM500
- ★ Full multi matrix control of DreamChip cameras
- ★ Multi master solution - add even more control points
- ★ Integrated, seamless B4 lens control, analog and digital
- ★ Simplified cabling with control and power (lens)
- ★ Integrated color presets in RCP (aka scene files)

What to expect
You can connect both an XC8 replay controller and RCP panel to your SSM500 simultaneously. SKAARHOJ's multi master technology on the Blue Pill enables any number of networked control points, should you need more.

Lens control is nicely integrated on the Blue Pill Extension cables. Analog B4 lenses as well as digital RS-232 controlled B4 lenses are supported. Cabling is drastically reduced when both signal and lens power is delivered from the Blue Pill along with RS-485 control of the SSM500. The Blue Pill itself needs only a single cable to the PoE switch.

The RCP Pro has a built-in preset engine that can store and recall 8 presets of any set of the DreamChip camera's particular parameters.

Model Support
- DreamChip SSM500
- DreamChip AtomOne and AtomOne mini also supported by RCP
- B4 Lenses with 12-pin Hirose: 12V and Iris servo (BPX-X3-B4)
- B4 Lenses with 20-pin Hirose, Serial RS-232 (BPX-X3-H20)

Configurations, Combinations, Alternatives
- **"Dream Chip"** - Default ProClass camera profile for RCP Pro. Various profiles for Iris are available depending on lens.
- **"DreamChip-SSM500"** - Default configuration for XC8

Options for RCP
- **RCP Pro:** RCP Pro is an all-in-one RCP with Blue Pill and Reactor inside.
- **RCPv2 + Blue Pill:** RCPv2 can be used alternatively to RCP Pro in combination with an external master Blue Pill that runs Reactor.

In both cases, the XC8 panel controls the SSM500 from Reactor.

Options for Lens Control and Serial Control
Scan the QR code for Setup and Cabling Guide

Technical Notes
External 12V power is necessary for the SSM500 (not supplied from Blue Pill).

For the Blue Pill to deliver 12V lens power via PoE, you will need to purchase the Blue Pill Power version and use a PoE+ switch. Alternatively you can connect a 12V power supply to the extension cable.

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
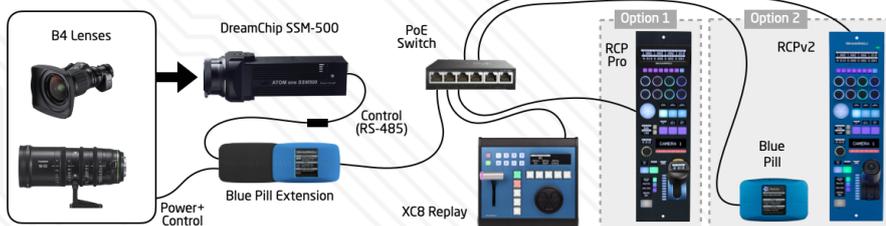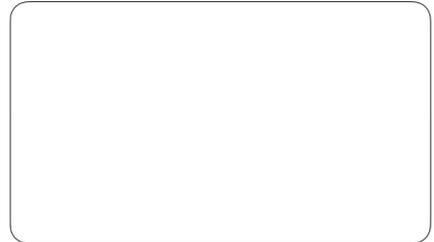
April 2022

Revision #5
Created 11 April 2022 07:59:22
Updated 3 December 2022 17:17:31