

RED Komodo, MultiDyne Silverback V and SKAARHOJ RCP Pro

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Turn RED Komodo into a cinematic broadcast and live production solution with a fiber back, Fujinon lens and SKAARHOJ RCP Pro

#90

Resources

- [RED Komodo](#) - Accessories and settings to connect
- [MultiDyne SilverBack V](#) - Data sheet and product information
- [RCP Pro](#) - Product details and price
- [RED RCP2 Device Core Parameters](#) - All the parameters we support
- [Product Information Document RCP Pro](#) - Product descriptions, 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



Trophy #90

RED KOMODO, MultiDyne Silverback V and SKAARHOJ RCP PRO

SKAARHOJ

Benefits

- ★ RED KOMODO in SMPTE Fiber workflow with full lens and color control
- ★ Control digital PL mount lens from RCP Pro
- ★ Shade RED KOMODO color from RCP Pro
- ★ Integrated workflow
- ★ Compact composite solution

What to expect

When RED KOMODO is used in multi camera productions, you won't have to miss out on the convenience of one-cable SMPTE fiber workflows. With MultiDyne SilverBack V the ethernet control from SKAARHOJ RCP Pro can plug right into the RED KOMODO's extension accessory. SilverBack V not only transports the bi-directional 1G ethernet and video data, it also facilitates a few legacy serial ports. This can be used to control modern digital lenses like Fujinon's Cabrio series. RCP Pro is so flexible that it can work with lenses either through the RED KOMODO or like in this case in an entirely parallel process directly to the lens. In both cases, the operator's experience will be one and the same, integrated control of camera and lens without any distinction. Although the solution is composed of multiple parts, it's surprisingly compact, clean in cabling and seamless to manage for the operators.

Model Support

- RED KOMODO and RED V-RAPTOR (fully supported as well)
- MultiDyne SilverBack V
- Fujinon Cabrio PL Mount Lens (and others. 20-pin Hirose)

Configurations and Alternatives

- "RED RCP2 Configuration - Pro Class" and "Fujinon Iris Control via RS-232" configurations

Lens Control

The lens control applied in this solution is based on connecting the Hirose-20 connector of the lens directly to one of the RS-232 ports on the SilverBack V. The lens power (1.2V) and a bias voltage on a particular pin has to be enabled (to enable digital control). Regardless of the digital remote control, zoom and focus commands behind the camera can still be used. In the remote end at the Base Station, the RS-232 connection is attached to a Serial-Ethernet converter which in turn is connected to the network. The base station and RCP is likewise connected to the network. If the switch has PoE power, the RCP Pro needs only that one cable. With this setup, the RCP Pro can connect to both the lens and the camera over IP and deliver a seamless experience of the control to the user. Check out REDs website at <https://www.red.com/third-party-accessories>

Learn More



Demonstration video

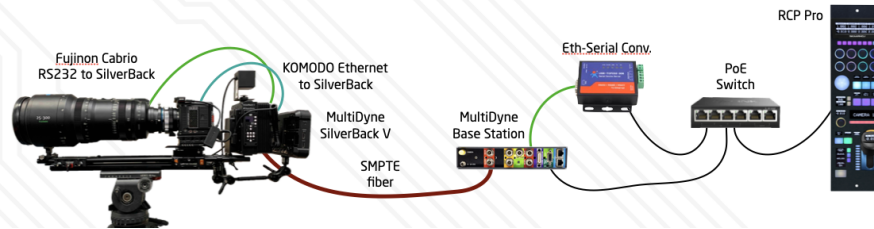
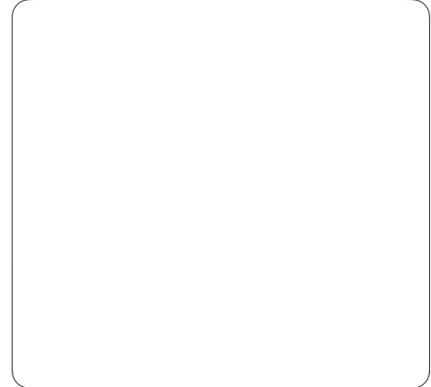
Manuals, Cabling Guides, Parameter Support, Press Kit

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



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