# Trophy #104: The Worlds Smallest PTZ Broadcast Camera



## Resources

- [Dream Chip AtomOne Mini, BR Remote Micro L Head](#) - Accessories and settings to connect
- [PTZ Fly](#), [PTZ Pro](#), [PTZ Extreme](#) - Product details and price
- [DreamChip Device Core Parameters](#) - All the parameters we support
- [Product Information Document PTZ Fly](#) - Product descriptions, product images, data sheet, FAQ and videos
- [Product Information Document PTZ Pro](#) - Product descriptions, product images, data sheet, FAQ and videos

- **Product Information Document PTZ Extreme** - 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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**Trophy #104**

# The Worlds Smallest PTZ Broadcast Camera

**SKAARHOJ**

### Benefits
★ Control camera and pan/tilt head as if they were one
★ PTZ control of one or more DreamChip AtomOne Mini Zoom and BR Remote Micro L Heads
★ Recall PTZ presets across multiple devices
★ Simultaneous RCP control (multi master technology)
★ Full multi matrix control of DreamChip cameras
★ Mix in other camera brands and models
★ Simplified cabling with Blue Pill Extension cables

### What to expect
SKAARHOJ's integrative technology can make multiple devices work together as if they were one. From the user's perspective controlling the DreamChip camera on the separate pan-tilt head is a unified experience while actually the hardware and control is split. Effectively, you can build your own PTZ camera and "get away with it".

As a key feature DreamChip's Multi Matrix color control is also available through both our PTZ controllers and RCP configuration. There is no compromises here - full control!

Reactor and Blue Pill allows you to scale this up to as many kits as you want and you can even mix in other cameras of any type without a hick-up.

Finally, the Blue Pill Extension cable is amazing since it can power and control both the BR Remote Micro L head and the camera with a single connection - so easy.

### Model Support
- AtomOne Mini Zoom (+ AtomOne series in general)
- BR Remote Micro L head

### Blue Pill Inside vs UniSketch
To control the DreamChip camera and BR Remote uL head, you need Blue Pill and Reactor somewhere in your set up. But strictly, you only need it one place. So if you combine an RCP Pro with a PTZ controller, you would use Blue Pill inside the RCP Pro to control the camera, and the PTZ controller could just connect to and work through the RCP Pro. In this case, any PTZ controller on the UniSketch platform would suffice.

If you do not plan to have an RCP Pro you need either Blue Pill Inside (BPI) option inside one of the PTZ controllers. The BPI option is available for all of them at an extra cost.

### Ethernet to Serial
DreamChip cameras and BR Remote Micro L head are controlled via RS-485 serial signals that must be converted from IP. For the simplest cabling, buy a Blue Pill and Extension cable like BPX-H6-L4. In other cases, especially when daisy chaining multiple cameras on a single RS-485 bus, you are probably better off with a basic IOT serial-ethernet converter. Scan the QR code on the right to learn more.

### Technical Notes
Any mainstream SKAARHOJ PTZ controller will function in this workflow. The same configurations are available for PTZ Fly, Pro, and Extreme. Flexible cabling with star- or daisy chain topologies as well as parallel chains with seamless control
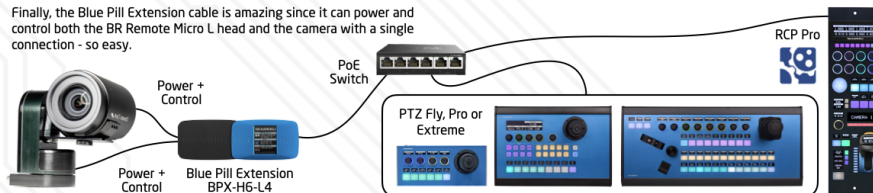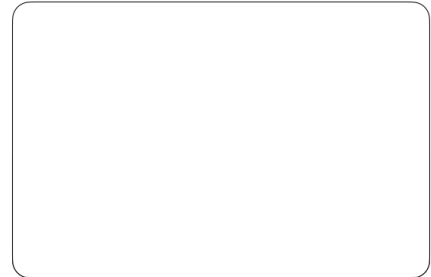
### Learn More
Demonstration video

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

PoE Switch

RCP Pro

Power + Control

PTZ Fly, Pro or Extreme

Power + Control

Blue Pill Extension BPX-H6-L4

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