

# PTZ Extreme

Core Product

*SKAARHOJ PTZ Extreme - Advanced Universal Robotic Camera Controller*

The ultimate tactile controller for PTZ cameras and robotic systems of different brands such as Panasonic, Sony, Canon, BirdDog, JVC, PTZ Optics, Lumens, Bolin, AIDA, Vizrt... and more. The Unique SKAARHOJ Blue Pill operating system allows the detailed control of multiple cameras from different brands.



## Benefits

- **Advanced Ergonomics:** Custom controls designed for comfort and efficiency in long production hours.
- **Hall Effect Joystick:** Delivers enhanced precision, reliability, and ergonomic design for extended professional use.
- **OLED Displays:** Immediate visual feedback on labels and settings for precision adjustments and true flexibility.
- **Versatile Connectivity:** Ethernet with PoE for streamlined setup and operation in any environment.
- **Absolute Freedom in Control:** Tailor every aspect of your control surface to match your workflow perfectly.
- **Extensive Device Support:** Control a wide range of cameras and devices, maximizing your system's capabilities.
- **Durable Build Quality:** Engineered for reliability and longevity, ensuring consistent performance.
- **Innovative Design:** Incorporates cutting-edge technology like the Blue Pill Platform for enhanced performance.
- **Time Tested:** Adopted by professionals worldwide, signifying its effectiveness and reliability.

## Features

- Extensive list of supported devices
- Advanced ergonomics
- Versatile connectivity via IP
- Durable build quality
- 3-axis precision Hall Effect joystick for PTZ movement
- Custom designed aluminum zoom rocker
- Stepless, friction balanced focus wheel
- Large assignable iris knob for exposure control
- 3 rows of buttons for camera selection, preset recall and menu navigation
- 8 backlit encoders for parameter adjustments
- Widescreen OLED displays for each button and knob
- Universal control of multiple 3rd party devices
- User customization with Reactor Web UI
- 1G Ethernet w/Power over Ethernet (PoE IEEE802.3af/t)
- Designed and made in Denmark
- Time tested - adopted by professionals worldwide

Hardware Specifications	
Component Highlights	Custom Aluminum Zoom Rocker Friction Balanced Focus Knob Detentless Iris Encoder 3-axis precision Hall Effect joystick
Buttons	Elastomer Four-Way Button w/Display (x36); 4-Axis Hall Effect Joystick, Top button (x1)
Encoders	Focus roller (x1); Encoder (x8); Large encoder (x1)
Analog Components	Large Aluminum Zoom Rocker, no labels (x1); 4-Axis Hall Effect Joystick, Left-Right (x1); 4-Axis Hall Effect Joystick, Up-Down (x1); 4-Axis Hall Effect Joystick, Rotate (x1)
Programmable OLED Tiles	64x32 pixels (x24); 64x32 pixels, gray (x12); 112x32 pixels (x8)
Power Consumption	Typ. 3.4? Watt, Max 6.9? Watt (excl. USB-A)
Connectivity	
Networking	1G Ethernet w/Power over Ethernet (PoE IEEE802.3af/t)
Power Supply	12V DC Jack 5.5mm x 2.1mm x 10mm Center Positive PoE IEEE802.3af/t
Service Port	Micro USB for setting manual IP
Peripherals	USB-A 2.0 (500 mA) for Stream Deck, X-keys, additional networking adapters, frame grabbers etc.
Software	
Platform	Blue Pill (Reactor, Device Cores, skaarOS Linux)
Licenses	Full Reactor and Device Core licenses included
Physical and Shipping	
Product Weight	1868 g
Shipping Box Weight	2952 g
In The Box	(This Product) 12V Power Supply: Manufacturer: PHIHONG, Model Name: PSA15R-120P, Output: 12V/1.25A, Cable Length: 1.5m, Adapter type: EU, GB, US, AU depending on shipping country, DC Output Connector: 5.5mm x 2.1mm x 10mm Center Positive Getting Started Guide
Recommended Accessories (not included)	Ethernet Cable: Cat 6 S/FTP or better
Country of Origin	Denmark
EAN Code	5714074002710

## Technical Drawings

