

# SKAARHOJ®

Inventing the Future of Live Production Control



Designed and Made in Denmark



# Hi Friends,

We're excited to offer you top-notch control for your live productions!

Our products put control right at your fingertips, allowing you to manage various devices, regardless of the brand.

Enjoy fewer wires, greater control, and the flexibility to upgrade your setup easily.

We're proud of our universal broadcast controllers and are eager to simplify your professional tasks.

**Kasper Skårhøj**

*CEO, Founder and Chief Designer*

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## PTZ Control



## Audio



## Replay



## Switching



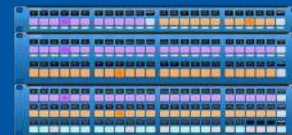
## Link IO



## Camera Shading



## Routing & Utility

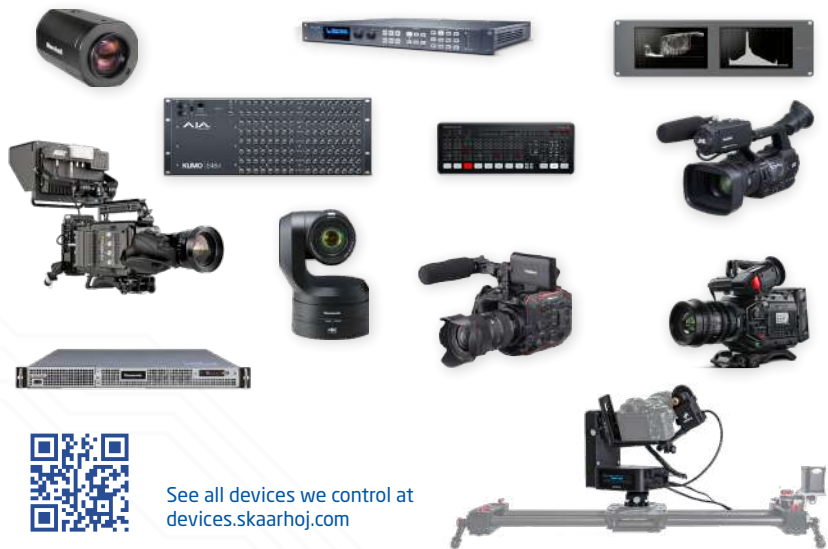


# SKAARHOJ

# Control Anything

## Tactile control at your fingertips!

Our mission is to ease the control of technology for people in live production. We want to make it as easy as possible to control anything! Therefore we work on integration for a lot of different brands and products. Everything from switchers, routers and cameras to software suites and light bulbs!



See all devices we control at [devices.skaarhoj.com](http://devices.skaarhoj.com)

# ...and Everything



**...over IP!** IP connectivity is the future. SKAARHOJ products connect directly to virtually any number of devices on your network - no PC server needed. One cable carries power and network data.



*\*) The displayed trademarks and logos are not owned by SKAARHOJ ApS and they are used for identification only. They do not imply endorsement of SKAARHOJ by the trademark owners. They are intended to convey SKAARHOJ's current or future integration with solutions from the displayed brands.*

# Reactor



Reactor is SKAARHOJ's panel management software embedded in all panels we offer, simplifying device management and integration on your network. It allows easy device searching and selection, unlimited device mixing and matching, and supports modular integration for unified control, exemplified by the Mega Panel or connecting a Frame Shot Pro with a PTZ controller. Running on skaarOS Linux, Reactor forms part of the Blue Pill platform along with Device Cores and other applications.

## Unite the panels!

Reactor lets your panels 'melt together'. Joystick and settings controls on one panel, visual preset recall and auxiliary functions on another? Unity is native.

# Easy!

## Discover and control

Simply add panels and devices to your project by automated network discovery. No more post-it notes with IP addresses!

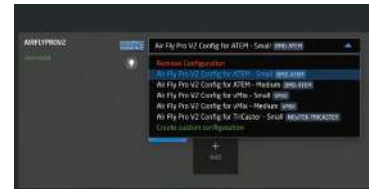


# Modular!



## Add devices

Easily add cameras or a switcher to your configuration. Reactor is designed with a flexible interface that provides easy access to setting up selected parameters.





# Powerful!

## Customization

With the Configuration tab you can change the function of specific hardware components. In a sense it's both easy and intuitive, but it can also call for a really steep learning curve if you insist on getting fancy. Reactor has incredible depths. Allow yourself to relax in the easy lane at first and take the plunge when you are ready.



## Configurations

Under the hood, Reactor is configured with JSON data structures. For expert users, these can be edited directly. You can also import and export configurations for backup and sharing.



Learn more  
about Reactor

# Take Control



SKAARHOJ Innovation  
Lab

SKAARHOJ

64 videos, 213 views, Updated 6 days ago



▶ Play all


↻ Shuffle

Welcome to the playlist of SKAARHOJ Innovation Lab! Here you can watch exciting videos about our latest ideas and powerful tools. A *roadmap* for...



You can learn everything you want  
about Reactor from the designers on  
our YouTube channel

# Signature Technologies

A close-up photograph of a control panel. It features a prominent black knob with a yellow ring. Above the knob is a label that reads '2 UpKey2 DUE' and '-3.40' over '3.20'. Below the knob is another label that says 'AUX 2' and 'Cam2'. The panel is illuminated with a blue light.

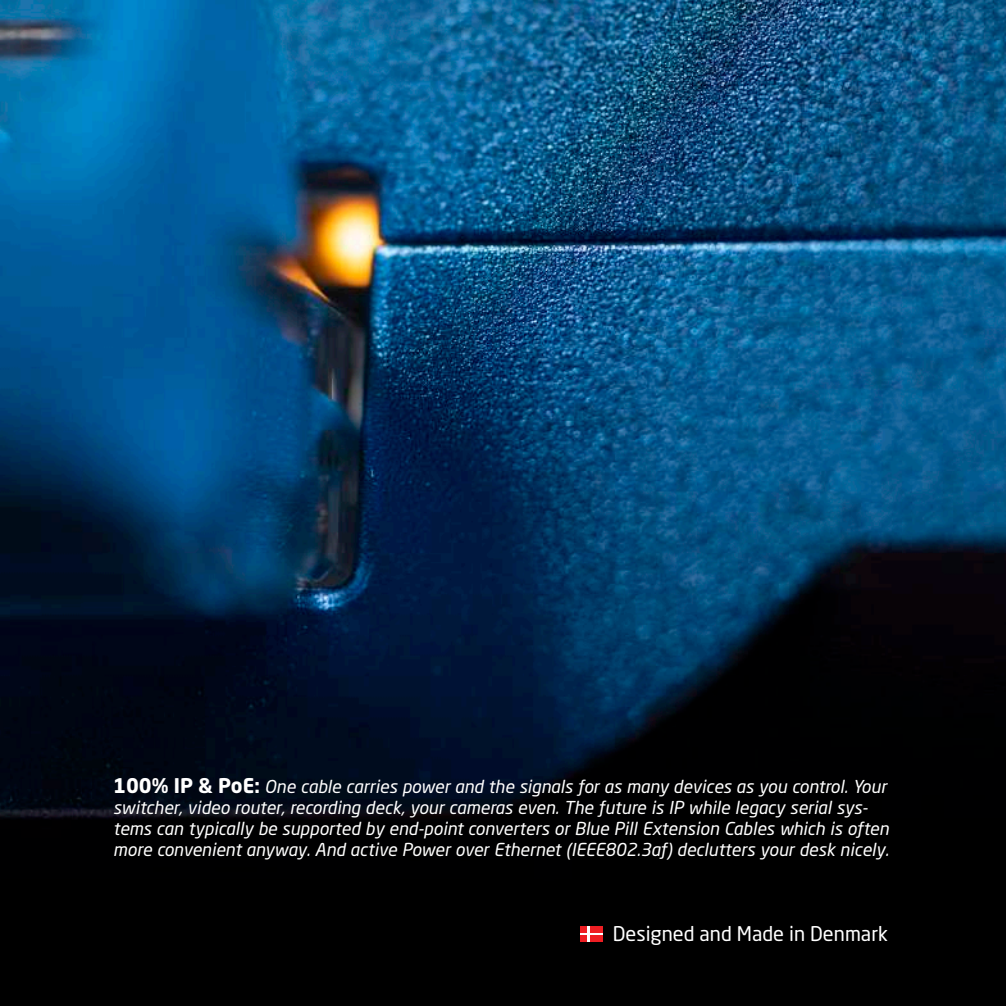
**Graphical OLED displays** - provide buttons, knobs and faders with dynamic labels. They combine large, bold labels with unprecedented levels of detail using titles, icons and scales to enrich the main content. They automatically draw information from the connected devices or you can type in your own labels or upload graphics. Found everywhere in many sizes and dimensions on SKAARHOJ controllers.

**RGB backlight** - and LED bars are super practical to color code sections based on their assigned functionality. This provides the operator with instinctive clues which can be the critical difference between success and failure. Colors can be assigned manually and SKAARHOJ panels are dimmable. And they look really cool!

**Four-way buttons** - custom molded tactile elastomer buttons, that detect whether a button is pressed on the left, right, lower or upper edge. This allows the button to adjust values up and down like an encoder when pressing opposing edges. It could even work as a simple joystick. Or it can be just a button. Innovative, insanely flexible and perfect for a universal controller.

**Customized faders and knobs** - SKAARHOJ is inventing new approaches to T-bars, RCP joysticks, and scroll wheels with precision, flexibility and design in mind. We take the best of tactile live production control and shape it for the future!

**Reborn Industrial Design** - for years we have diligently designed and fine-tuned our custom elastomers, aluminum extrusions and front panels to become unique, beautiful and strong components worthy of the superbly flexible and modular electronics and software that make up our wonderful broadcast and AV controllers.

A close-up photograph of a fiber optic cable. The cable is illuminated from within, creating a bright orange glow. The background is a dark, textured surface, possibly a control panel, with a blue light source visible on the left side.

**100% IP & PoE:** One cable carries power and the signals for as many devices as you control. Your switcher, video router, recording deck, your cameras even. The future is IP while legacy serial systems can typically be supported by end-point converters or Blue Pill Extension Cables which is often more convenient anyway. And active Power over Ethernet (IEEE802.3af) declutters your desk nicely.

**Feel the  
control  
at your  
fingertips**





# PTZ Control



Our PTZ controllers are made with the operator in mind! It's Danish design made from a deep understanding of the needs for the PTZ operator. We have created a series of premium surfaces that will follow you for years.

Operate robotic cameras from Canon, Panasonic, Sony, BirdDog, PTZ Optics, NewTek, JVC, Lumens, Avonic, Bolin, Marshall, Datavideo, Minrray, OPTOver, Ross and AIDA.

*"Awesome! I want it all...thanks!"*



# PTZ Extreme

The greatest thing about all our controllers is that they integrate with multiple brands:



Auxiliary keys for iris/focus options      Four-way buttons with legends for menu      Freely assignable encoders with OLED      3-axis Hall Effect Joystick



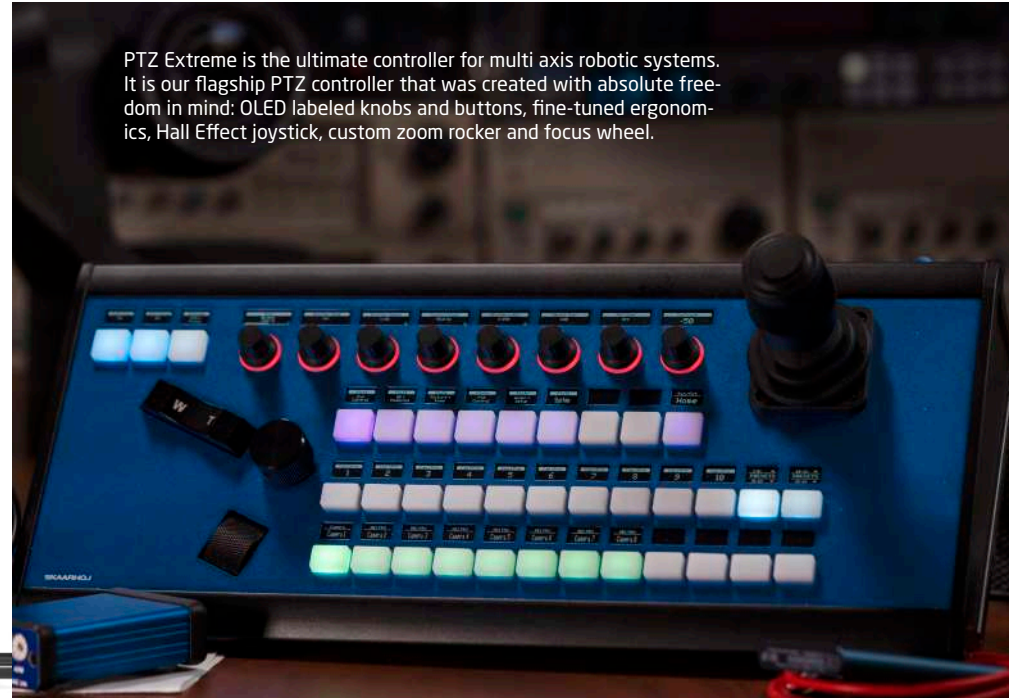
Custom designed aluminum zoom rocker

Large assignable iris knob

Labeled presets

Stepless, friction balanced focus wheel

Camera selector with tally and routing



PTZ Extreme is the ultimate controller for multi axis robotic systems. It is our flagship PTZ controller that was created with absolute freedom in mind: OLED labeled knobs and buttons, fine-tuned ergonomics, Hall Effect joystick, custom zoom rocker and focus wheel.

# PTZ Pro

Encoders for settings in large menu display      Dedicated focus knob      Numbered keys for camera or preset selection      3-axis joystick (Optionally Hall Effect)



Menu selector keys with user banks

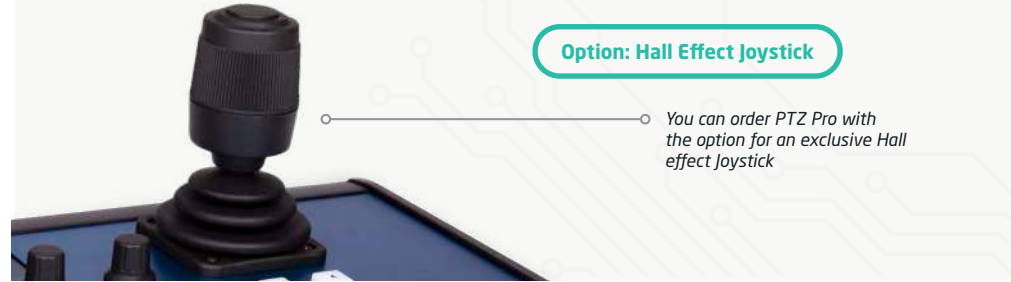
Camera selection or labeled presets with switcher tally

Add a Cut button for your switcher!

Navigation keys for paging

## Option: Hall Effect Joystick

You can order PTZ Pro with the option for an exclusive Hall effect joystick



PTZ Pro is a full featured PTZ controller for robotic cameras. Together with PTZ Fly this is our most popular controller. With dedicated buttons and knobs for all settings and actions, it's easy and quick to use. You will enjoy all the same benefits as found on PTZ Fly while having a larger hand rest and faster, direct access.



# PTZ View

Backlit encoders with crisp graphical OLED displays

Exclusive Hall Effect Joystick

Visual thumbnails of recorded presets



Four-way buttons, RGB backlight, large displays

This is the ultimate basic PTZ controller with built-in color screens to access your presets in a unique way. PTZ View is great for PTZ control and in a combination with other controllers it can become your favourite panel for PTZ control.

# Imagine Modularity

Imagine that you want to combine controllers and have them work together on one of your projects. Our PTZ View is a perfect match with the Frame Shot Plus as its sidcar. Take it for a spin!



Combining SKAARHOJ controllers creates a unified control surface. The camera selector is distributed across 8 buttons on two physical controllers. The menu selector is on the left unit, the joystick on the right unit. Visual thumbnails of presets from your church, concert, lecture or conference naturally spreads across the units as well. This is possible due to our smart design and Reactor software.

\* Visual thumbnails may require a frame grabbing device and software, such as Frame Link (see page 79)



# Frame Shot Pro

Four-way buttons and OLED displays are perfect for auxiliary control of switchers, routers, light etc.

Crisp visual thumbnails for presets and four-way buttons



This panel is a perfect side car for any controller setup. Mix and match panels to suit your needs. Use your imagination to combine different panels. Designed for unique visual thumbnail presets, it helps volunteers, teachers, and staff to quickly identify and recall the correct preset.

# Imagine Modularity

A PTZ Pro and a Frame Shot Pro goes perfectly hand in hand when you want to operate your PTZ Cameras and have easy access to your visual preset thumbnails.



Or imagine a larger setup where you need easy tactile control of your PTZ cameras. The Frame Shot Pro in combination with our PTZ Extreme will solve the struggles.



# PTZ Fly

High-quality backlit encoders with widescreen OLED displays

3-axis joystick  
(Optionally Hall Effect)



Multi function keys for presets and camera selection with tally

Four-way navigation key

Add a Cut button  
for your switcher!



Option: Hall Effect Joystick

Order with Hall Effect joystick for increased precision and ergonomics of operation

# PTZ Wiz



These products come with UniSketch Inside

Pressure sensitive elastomer zoom rocker

Set camera focus, exposure and other settings with backlit high quality knobs

Pressure and direction sensitive elastomer joystick pad



Multi function keys for presets, camera selection, and live switching



PTZ Wiz is our smallest PTZ controller, and its great form-factor makes it blend in perfectly! To combine beauty and small size with power, we recommend to run one or more PTZ Wiz controllers from a Blue Pill host system. Ask us about it!

The elastomer buttons give you a nice tactile control experience, and the durable aluminum unibody enclosure will ensure that this controller stays with you for many years.



Slim form-factor - sits perfectly on a desk

## Take the Blue Pill!



Blue Pill Server is a great addition to the PTZ Wiz which runs on SKAARHOJ's UniSketch technology!

**Freedom  
to control  
what you  
want**





# Live Switching



In live production, decisions have to be made quickly! We created our Live Switching controllers with these situations in mind

SKAARHOJ gives you the power to map out all the sources, effects and settings that your next production requires, just the way you want!

*"OMG your stuff is the cleverest coolest kit I've ever come across"*



# Air Fly Pro

Auxiliary four-way buttons

Backlit encoders with crisp graphical OLED displays

Pressure sensitive elastomer zoom rocker and joystick pad

Keyer section with incredible reconfiguration flexibility



RGB multi level metering LEDs for VU, state indication and tally

12-key bus rows with four-way buttons and OLED legends

Custom SKAARHOJ Hall Effect T-bar and OLED Progress Bar

ME section with multi level shift and user keys



Option: NKK Buttons

Air Fly Pro comes with NKK buttons as a paid option



Air Fly Pro is the ultimate controller for the one man band setup; it combines PTZ and Live Switching in a beautiful way. The Hall Effect T-bar and the classic ME section will easily make you feel at home, and you can add even more luxuries with NKK buttons.

# Master Key Series



Master Key One is our premium stand-alone switcher panel. With the Blue Pill / Reactor technology inside it is natively able to connect to a Master Key 48 to go modular and expand! Together, Master Key 48 and Master Key One feature a powerful blend of industry standard NKK buttons and SKAARHOJ's innovative custom molded elastomer four-way buttons along with an uncompromising use of OLED displays to create a 100% flexible and modular switcher surface for high-end studios and OB trucks.

RGB multi level metering LEDs for VU, state indication and tally

Support for international characters in displays

## Master Key 48



Large, crisp graphical OLED windows for labels and section titles

Sculptured cap RGB broadcast buttons - NKK Japanese quality, best of the best

Four-way buttons with RGB back-light and OLED displays

## Master Key One



Custom made SKAARHOJ signature Hall-Effect T-bar with LED ring and OLED Progress Bar

# Modularity Reimagined



## Combine Everything - in Style!

You can combine any two or more SKAARHOJ controllers to form a new, coherent control surface, thanks to Reactor! The ultimate swag is the hardwood frames we offer to encapsulate your SKAARHOJ units in an awesome statement and for comfort and ergonomics, not to mention.

The frames are made to order. Please ask us about it!



XPoint 48

Air Fly Pro

Wave Board Mini



## True Modularity

We mean it! Modularity takes on a whole new dimension with Reactor. Assigning functionality to buttons and knobs can be done across multiple panels as if they really were the same piece of physical hardware. This is true for any customized configuration as for the many preset configurations found inside Reactor.



Frame Shot Pro

PTZ Extreme



# Mega Panel

## -Slim Version

### Mega Trends

The term 'Mega Panel' describes the concept of integrating multiple SKAARHOJ controllers to form a unified, larger control panel. This setup is particularly popular for multi-M/E (Mix Effects) switching panels. Facilitated by the built-in Reactor software, it offers a seamless experience for show producers. Switchers commonly used with this setup include Kairos, GV AMPP, NetOn.Live, ATEM Constellation, vMix, and TriCaster, although the potential applications are virtually limitless. This approach aligns with the current trend of accommodating the flexible demands of modern production environments.



Wave Board Mini



Quick Shot

To accommodate highly compact Mega Panel configurations, SKAARHOJ offers the 'Slim Black' option. This design is meticulously crafted to ensure horizontal and vertical alignment with minimal wasted space between panels, enabling efficient and streamlined setups.

# Side Cars

Your Mega Panel wouldn't be the same without a custom selection of side car modules. This is how you add audio control, camera shading, DVE position and resizing control, PTZ camera operation or classic shot box capacity.



## Frame Shot Plus

This side car is a wonderful mix of color displays, four-way buttons, encoders and classic mono-chrome OLEDs. It's complete when combined with PTZ View to form a powerful ProClass PTZ controller.

## PTZ View

Stand-alone PTZ controller, popular for basic operators, but with the surprising power to become a ProClass PTZ controller when matched up with Frame Shot Plus or Frame Shot Pro.

## Can I have it in black?

While the sparkling blue anodized aluminum is SKAARHOJ's iconic trade mark, we do (often) accommodate to black on special request. It will have a lead time and additional cost, but feel free to ask us! Mega Panels in particular are often delivered in black.



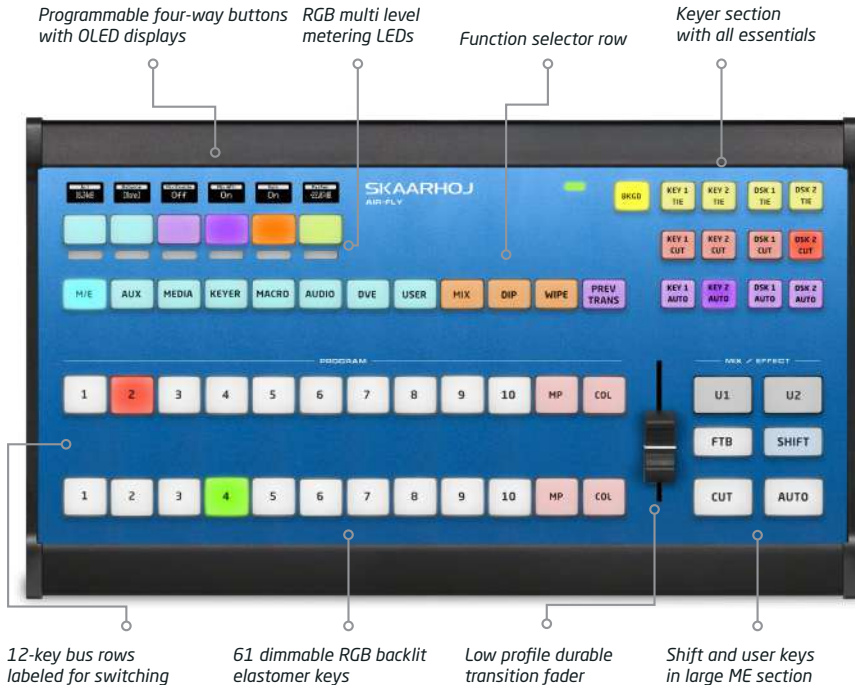
## Quick Shot - Black

Classic shot-box with a slight twist: It's not just buttons, it's four-way buttons which means any button is effectively an encoder for value adjustment. This makes it incredibly versatile for changing settings.

## Wave Board Mini

Popular option for adjustment of camera iris and other shading parameters, audio input or master volume etc. Buttons are useful for paging through multiple sets of channels on the controller.

# Air Fly



Option: For ATEM



Option: For vMix



Option: For TriCaster



ATEM, TriCaster and vMix variants have unique key labels designed for the features of each system.

With Air Fly you have a full featured desktop controller for live switching with Tricaster, ATEM or vMix systems at a very competitive price point. Works out of the box! Nevertheless you can still customize its function. Strong industrial design that gives you all the power you need in a single panel with no external bridging tools.

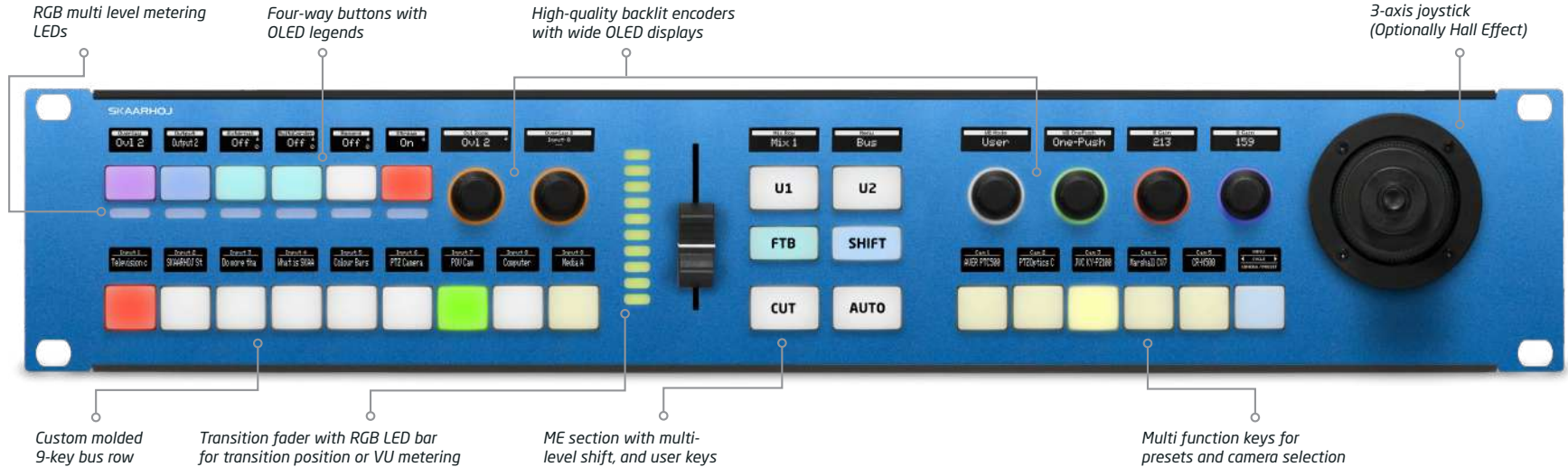
# Rack Fusion Live

Rack Fusion Live introduces PTZ control to your live switching setup in an incredibly compact controller, ideal for small teams. It's versatile enough to sit on your desk or be rack-mounted. Thanks to the built-in Reactor software, you can effortlessly manage an extensive array of cameras, regardless of model or brand, and integrate your preferred switcher system using straightforward configuration tools, all directly within the controller.

Option: Hall Effect Joystick

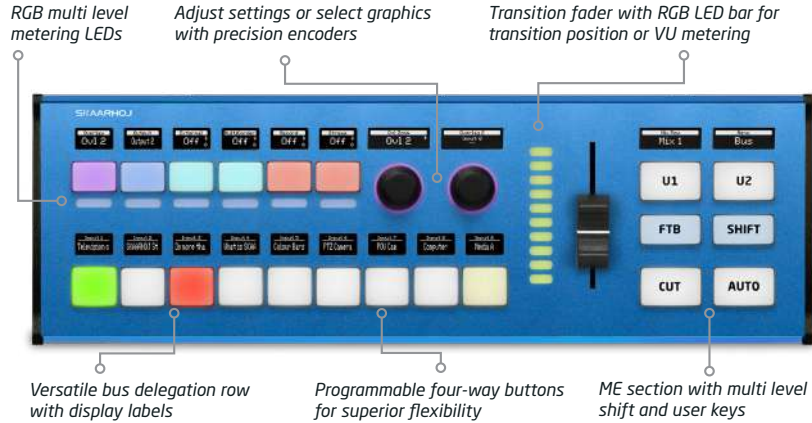


Option: NKK Buttons



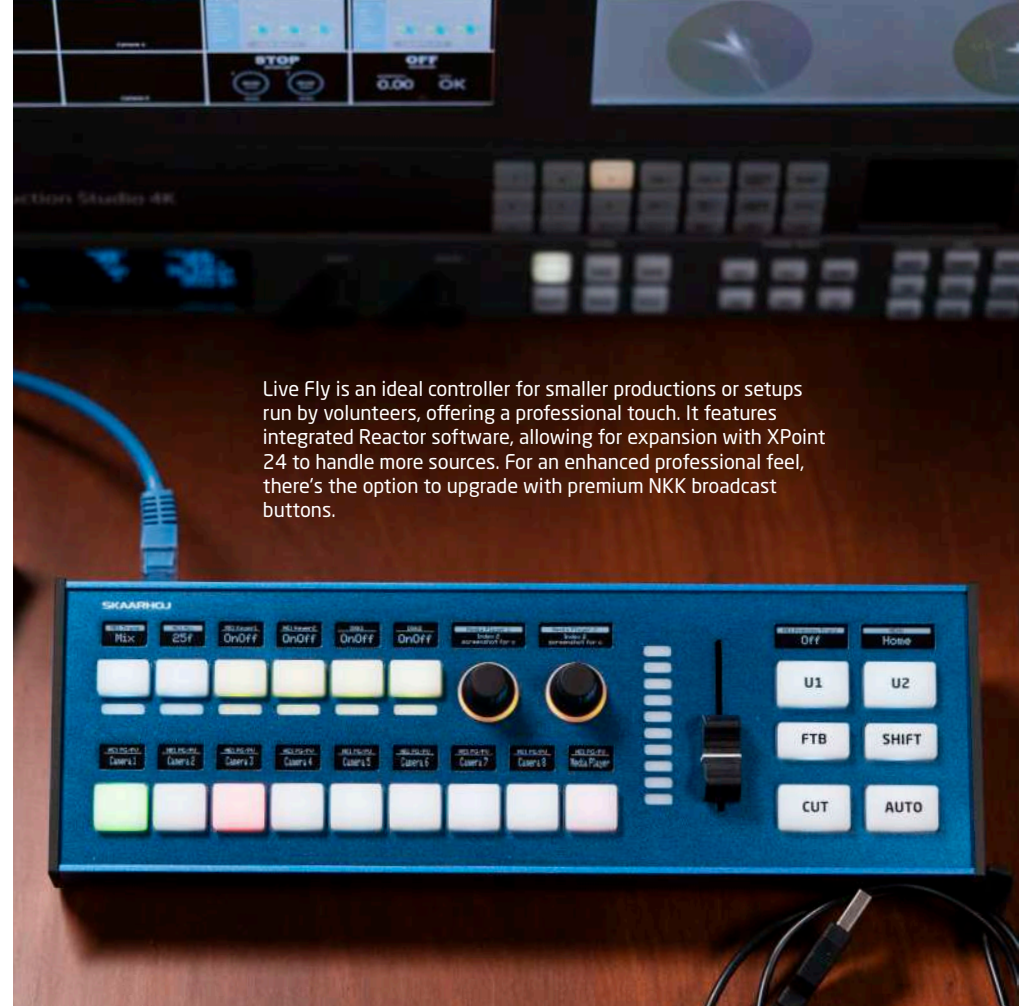


# Live Fly



**Option: NKK Buttons**

Live Fly also comes with NKK buttons as a paid option



Live Fly is an ideal controller for smaller productions or setups run by volunteers, offering a professional touch. It features integrated Reactor software, allowing for expansion with XPoint 24 to handle more sources. For an enhanced professional feel, there's the option to upgrade with premium NKK broadcast buttons.

# Mini Fly

RGB multi level metering LEDs for VU, tally or step indication

Programmable four-way buttons with crisp OLED displays

Multi level shift key with step indicator



Custom molded RGB backlit keys

LED bar for transition position and VU metering

Smooth transition fader and Cut/Auto button

Ethernet with PoE



Slim, ergonomic console form factor



The Mini Fly is your Swiss Army knife. It's super compact and yet super flexible, perfect for small live productions with 6 cameras, audio monitoring and transitions. And the six four-way buttons with OLED displays extend its power beyond imagination. Don't get us started...



# Camera Shading

Take control of the colors and shade your cameras to perfection!

We support cameras and devices made by BlackMagic Design, Canon, RED, ARRI, DreamChip, Sony, Panasonic, JVC, AJA, IO Industries, including almost any PTZ camera you can find.

*"Can I just say how impressed I am with your level of customer service, it is exceptional"*



# RCP Pro

If you want the best comfort and most innovative components, RCP Pro is your choice. This high end camera controller has everything you love from our standard RCPv2, but taken to a really exclusive level! Furthermore it has Blue Pill Inside to support all the new high-end cameras coming to the live production market of today.



Angled display for increased eye comfort

GPIO connector is extended to 3 inputs and 3 outputs

SKAARHOJ signature RCP joystick with push action, OLED display, color coding, hires magnetic encoder ring

# RCP Mini



The RCP Mini fits more RCP units in small spaces, perfect for OB trucks. It includes SKAARHOJ's leading RCP joystick with an OLED display, encoder ring, and LED on the handle. Despite its simplicity, it maintains full compatibility with major camera brands. This ensures it delivers the same level of robust control as the RCP Pro, yet in a significantly more compact form factor.



Slim design for environments where space is limited

SKAARHOJ signature RCP joystick with push action, OLED display, color coding, hires magnetic encoder ring



# RCPv2

Super crisp OLED window with large display tiles for settings

Programmable pressure and direction sensitive elastomer joystick pad

Master black knob with dedicated OLED display

Camera selector DIP, GPI, SDI I/O (optional) on back

Ethernet with PoE



Utility buttons for preset or camera selection

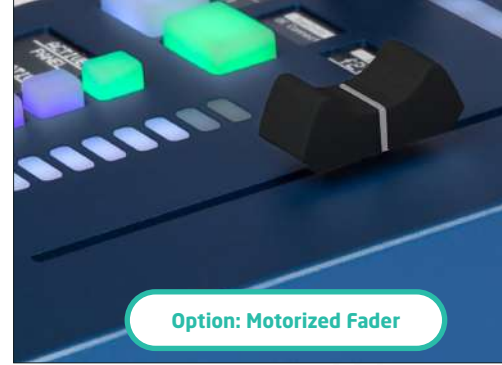
Eight detented encoders with RGB backlight for function identification

Four-way buttons with OLED legends for dynamic labeling

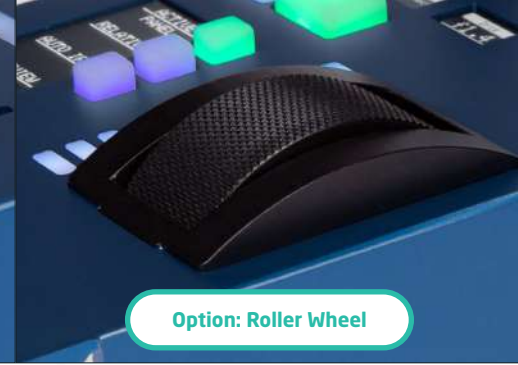
Camera ID display with OLED technology and RGB tally bar

Classic iris fader, motorized fader, or encoder wheel with display and LED bar

Preview button can trigger GPI or control video router



Option: Motorized Fader



Option: Roller Wheel

RCPv2 - the world's most flexible RCP. Fits into your existing bay or sits console style on a table top. Use this universal RCP regardless of which camera brand you shade! With the roller wheel or motorized fader option you have the perfect multi camera RCP. Dedicated to scalability and a positive, unified user experience.

You can easily combine one or more RCPv2s into a powerful cost effective package for shading of many modern cameras.

# Color Fly

Programmable four-way buttons with OLED legends

RGB backlit encoders with crisp widescreen OLED legends

Optional SDI I/O for Blackmagic Design Camera Control



Camera selection and multi level shift key - control 4, 8 or even more cameras

Graphical widgets for level monitoring and assignable buttons

4 motorized faders for multi camera iris control



Color Fly is your uncompromising multi-camera RCP bringing you innovative iris control with motorized faders. You get the tactile position feedback of the classic iris joystick but can easily manage 4-8 or more cameras from the same compact panel. With Blue Pill inside you can easily add and mix cameras onto the controller in a few clicks with network device discovery!

Option: SDI & GPI

Color Fly also comes with SDI & GPI as a paid option



# Routing & Utility



Control video routers, window processors, multiviewers, monitors, software, recording decks and streaming devices from brands such as AJA, Blackmagic Design, Ensemble Designs, Sony, Atomos and NETIO.

You can even control more with our generic device cores such as HTTP, TCP, UDP, OSC Artnet or SW-P-08.

*"We ran two shows with your controllers last week - it's truly a pleasure to work with them!"*



# Rack Pro Series

The Rack Pro series is presented on this page with dummy colors and display contents, sent to them via the Raw Panel protocol over TCP. This illustrates the variety of possibilities you can achieve yourself when embracing Raw Panel integration with your software or hardware product.

## Raw Panel

The Rack Pro series is perfect for system integration using the Raw Panel protocol. Well, basically any SKAARHOJ panel is born with native support for connecting to third party software and hardware. It's in the DNA! Check out the Raw Panel booklet



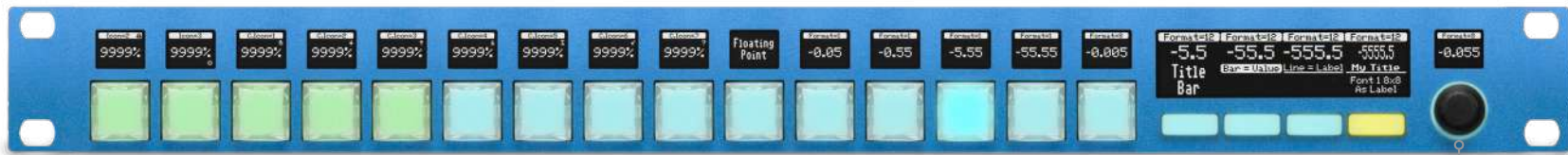
Perfect for System Integration

### Rack Pro 1



Sculptured cap RGB broadcast buttons  
- NKK Japanese quality, best of the best

### Rack Pro 2



Backlit encoders with crisp graphical OLED displays

### Rack Pro 3





# Rack Fly Series



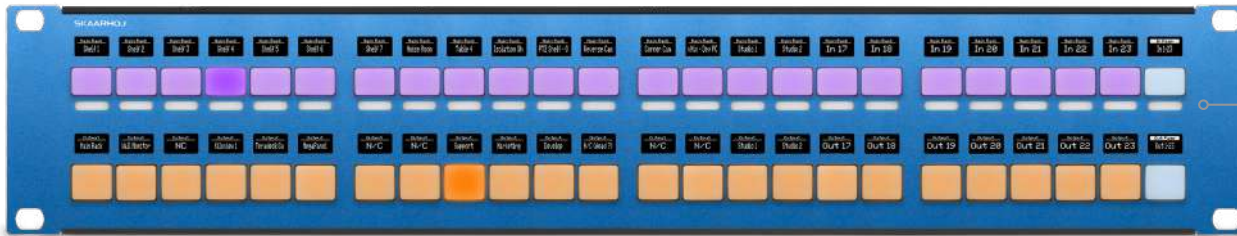
Rack Fly Uno, Duo and Trio are raw muscle. All programmable four-way buttons. All RGB color coded. You deserve this for your universal control needs whether it's a video router, your VSM system or an AUX bus.

## Rack Fly Uno



Unparalleled flexibility with four-way buttons and OLED displays

## Rack Fly Duo



RGB multilevel metering leds

## Rack Fly Trio



Mount in rack or use as a desk controller



Perfect for System Integration

# Rack Control Series



Rack Control Uno and Duo has ready-made profiles for AJA ColorBox!

Probably the world's most flexible rack controller! Rack Control Uno has 18 four-way buttons and 4 backlit encoders - all with RGB coloring and crisp, graphical OLED displays for function legends. Great for Routing & Audio control of several devices from multiple brands.

## Rack Control Uno



Programmable four-way buttons with OLED legends

RGB multilevel metering LEDs

Rack Control Duo has 30 awesome four-way buttons and 12 backlit encoders all with RGB coloring and crisp graphical OLED displays for function legends. Perfect for applications where there is a need to adjust multiple parameters quickly. Fits perfectly in your rack or on your table.

## Rack Control Duo

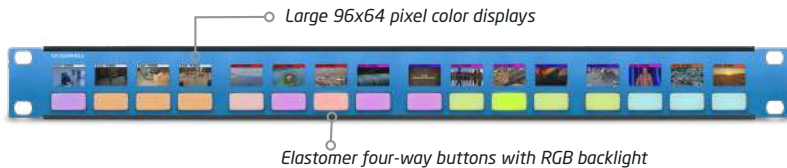
Four-way buttons with crisp OLED displays



Perfect for System Integration

High-quality encoders with crisp graphical OLED legends

# Frame Shot Uno



## 160 images a second with Raw Panel

Frame Shot Uno is perfect for system integration using the Raw Panel protocol. With a simple TCP connection you can send up to 160 small images to the panel per second to animate video in the button displays.



## Quick Bar

This versatile auxiliary panel is perfect for aux bus, audio settings, keys, and more, tailored by UniSketch. Ideal for operators handling specific tasks, it's easily customizable for precise functions.



## Inline 10

Inline 10 offers a modular controller ideal for standalone use or alongside other compact controllers. It features 6 four-way RGB buttons, 4 encoder knobs, and 10 customizable OLED displays for function labels.



## XPoint 24

XPoint 24 is a compact, modular desk controller, ideal as a standalone or paired with other controllers for enhanced flexibility.



## Quick Pad

Quick Pad is your production's perfect companion, featuring 10 four-way RGB buttons, 2 backlit encoders, and clear OLED displays. It's fully customizable, compatible with numerous broadcast devices, and allows for personalized icons.



## Micro Fly

This compact device embodies simplicity, offering powerful control over broadcast equipment with just two four-way buttons, a multi-level LED bar, and an OLED display.

## Take the Blue Pill!



The Blue Pill Server is a great match for the Quick Pad and Micro Fly



These products come with UniSketch Inside

# Audio



Control audio software and hardware such as DirectOut PRODIGY.MP, TriCaster, vMix, ATEM switchers, Biamp, Q-SYS, Yamaha, Allen&Heath, Behringer X32 and Digico.

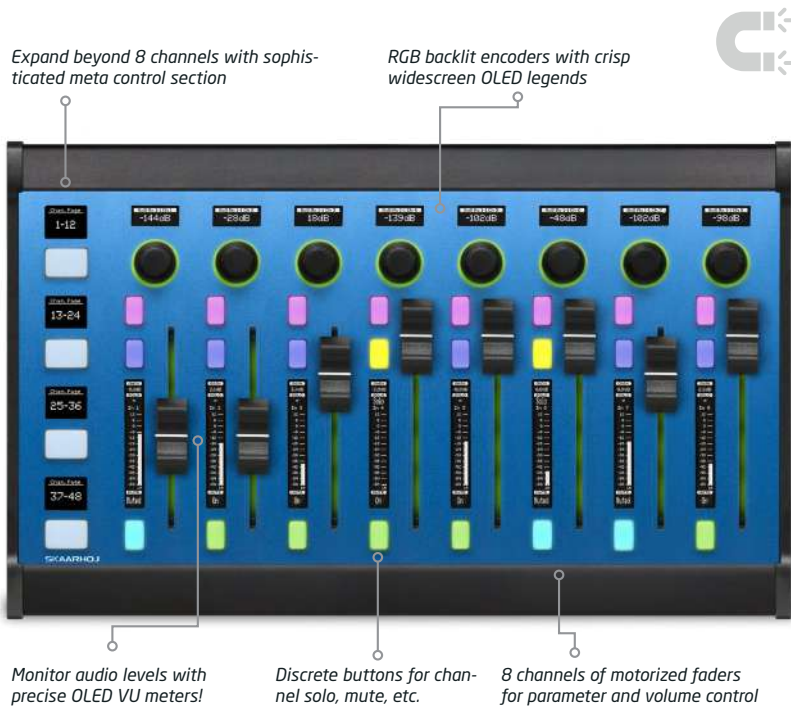
Perfect solutions for when you want to control mixing consoles, equalization and compression devices, and multi-track recording systems.

*"Hey, listen to this!"*





# Wave Board



# Wave Board Mini



Tactile controls of the audio side of your production! A great compliment to any ATEM or vMix setup. Enjoy the control of even more sound devices, like DirectOut PRODIGY.MP, TriCaster, vMix, ATEM switchers, Biamp, Q-SYS, Yamaha, Allen&Heath, Behringer X32 and Digico.

Use the Wave Board Mini as a standalone 4 fader bank or a side car to the Wave Board to expand your fader options for a larger setup.

# Replay



What is sport streaming without instant replay?

SKAARHOJ offers a state-of-the-art controller designed to enrich your replay experience. Whether you're using vMix, Tricaster, Dream Chip, or Softron, we've got you covered. Our default configurations help you get started quickly, and you can customize everything to meet your specific needs.

*"What a goal, let's take a look!"*

# Time Spin

Copy/paste section for clip banks

Monitor crucial settings and information with the crisp OLED display.



Hall Effect replay speed T-bar

NKK broadcast style buttons

Custom made metal Jog-Shuttle wheel

The ultimate flexible replay controller, compatible with Raw Panel Protocol, featuring premium NKK Buttons and a smooth SKAARHOJ T-bar.

# Link IO



Link IO is glue. It's a series of products that bridges the real world to network bits and bytes. It's how you get tally and shading data to and from SDI, it's your GPIOs, relays and opto isolated inputs, it's the LANC protocol meeting IPv4.

*"I want to thank you and your team  
for going the extra mile for us"*



# Link IO

## ETH-GPI Link

Ethernet to GPI/O (General Purpose Interface) with UniSketch OS. Connects relays and opto-isolated inputs with network events. Use it to switch or route a source, start/stop recording, turn on tally lamps etc. 2x8 Inputs/Outputs with option for additional 2x8 I/O. To unleash the full potential, connect it via Raw Panel to any Blue Pill Inside device



*This product comes with UniSketch Inside*

## ETH-SDI Link

Receives camera control information over Ethernet and forwards it to the SDI output. This is ideal for controlling the shading of a BlackMagic camera without the need for an ATEM switcher. Additionally, an alternative firmware is available for this device, designed to accommodate a variety of use cases.



## ETH-LANC Link

Converts LANC data to and from ethernet for use with SKAARHOJ controllers, for instance to enable Sony LANC and Canon RC-V100.



## ETH-B4 Link

This device gives you lens control for B4 lenses if your camera can't do it on its own. It not only receives lens data and tally information but also powers your lens. This makes it ideal for use with Red, Lumix, and Blackmagic cameras.



## TCP Link for ATEM

This is the solution to connect Blackmagic Design ATEM switchers to Crestron, Extron, AMX, QSC and similar AV systems that typically lets you set up a basic TCP connection. Most ATEM commands are systematically implemented for two-way data exchange.



## DC Link

DC Link is the extended version of TCP Link for ATEM. It's a Blue Pill hosted application that bridges any SKAARHOJ device core to simple text based commands. Purchase a license for DC Link and you are instantly able to use TCP, HTTP, Websocket, JSON-RPC and simple ASCII commands to integrate device control from your Blue Pill device. Ask us for details!





# Camera Tally



This product comes with UniSketch Inside

## Tally Box

Connects multiple SKAARHOJ Tally Lamps using CAT5e. Lamps can be connected in a star-topology (every lamp connects to Tally Box) or you can daisy chain up to three lamps on a single wire. Tally Box is configurable so that you can create a tally for any device core you wish

- like ATEM Switchers, vMix, TSL etc.

To unleash the full potential of Tally Box, connect it via Raw Panel to any Blue Pill Inside device, then they opportunities are limitless.



## Tally Light



# Blue Pill Server

Blue Pill Server is the pain killer that makes the world of integration simple and easy again. As a new platform in SKAARHOJ's ecosystem, it will boost your SKAARHOJ controllers with unparalleled modularity and capacity for device control. Extension cables will untangle connections. Software applications will add new features down the road.



## Stream Deck over IP

The Blue Pill can turn a Stream Deck into an IP enabled Raw Panel device you can integrate with professional SKAARHOJ controllers using Reactor.



## Frame Link

Attach a web camera type USB frame grabber and snap thumbnails for your PTZ cameras from any multi view screen.



# Learn more here!



On our YouTube channel you can learn all about our products, learn what we integrate with and find our support videos. See you!

[youtube.com/skaarhoj](https://youtube.com/skaarhoj)



*Raw Panel™, Blue Pill™, Reactor™, UniSketch™, Device Core™, and all product names (specified on the QR link to the left) are trademarks of SKAARHOJ ApS, Denmark, for use with Broadcast, Audiovisual and industrial control applications. SKAARHOJ® is a registered trademark of SKAARHOJ ApS, Denmark.*

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# That's a wrap!


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