

Raw Panel Applications

Raw Panel Explorer

This application is helpful to scan the network for Raw Panel devices, connect to them and explore their properties, learn the commands for integration and other utility purposes.

Raw Panel Explorer (W)

SKAARHOJ Innovation Lab *WIP here!*

Panel Explorer

Updated: 22:18:31.4

Panel Info:

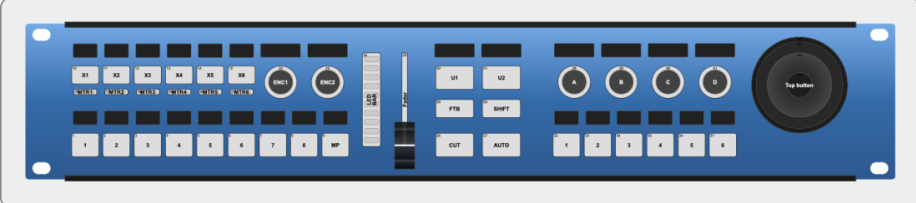
Title: Rack Fusion Live	S/W version: v1.0.4-pre2/0.2.10	Boot Count: 247	Rdy/Bsy:
Model: SK_RACKFUSIONLIVE	Platform: ibeam	Total Uptime: 231d 16h	Sleeping: Awake
Serial: 435775	Blue Pill Ready: Yes	Session Uptime: 11h 2m	CPU: 60.9C, 0%, 1500MHz
Max Clients:		Screen Save On: 211d 17h (91%)	Env. Health: NORMAL
Connections: 192.168.11.149			
Locked to IPs:			

Clear All Clear Disp Clear LEDs Full Throttle Sleep 5s Sleep 2m Sleep 1h Never Wake Up

Brightness: Dimmed Gain: Load CPU Cores: Choose File no file selected (Upload States JSON) Disconnect

Various panel information

Reference SVG Rendering:



The SVG image above is the reference rendering of panel based on the SVG base and the topology components listed below. Click any component to see it highlighted in the table (hold shift for more).

Panel Communication:

Use this to send various types of feedback to the connected panel.

Raw Panel ASCII Command sequence (v1):

Raw Panel ASCII JSON (v2):

Raw Panel Binary Protobuf command:

These are the various encodings of the sent command.

Topology Summary:

HWC id	Text	In	Out	Ext	Display	SubIdx	SubEI#	Rotate	TypeOvr	Map	TypeIdx	Descr.	Events
1	1	Button, Four-way (b4)	RGB LED (rgb)		64x32, Mono	Yes, index 0	1				134	Elastomer Four-Way Button w/Display	
2	2	Button, Four-way (b4)	RGB LED (rgb)		64x32, Mono	Yes, index 0	1				134	Elastomer Four-Way Button w/Display	
3	3	Button, Four-way (b4)	RGB LED (rgb)		64x32, Mono	Yes, index 0	1				134	Elastomer Four-Way Button w/Display	
4	4	Button, Four-way (b4)	RGB LED (rgb)		64x32, Mono	Yes, index 0	1				134	Elastomer Four-Way Button w/Display	

Source Code

The full source code is available in the github repository <https://github.com/SKAARHOJ/raw-panel-explorer>

Downloads

You can download CLI (Command Line) binaries for Mac and Windows platforms here <https://github.com/SKAARHOJ/raw-panel-explorer/tree/main/binaries>

Of special interest for **Mac OS users**, you can download a [signed Mac OS application](#) which is super convenient to run. For **Windows users**, here is a [GUI version](#) as well.

Revision #4

Created 2 June 2025 20:16:09 by Kasper

Updated 28 June 2025 18:46:33 by Kasper