

# 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

WAFER here!

Panel Explorer

Updated: 22:18:31.4

Panel Info:

Title: Rack Fusion Live

Model: SK\_RACKFUSIONLIVE

Serial: 435775

Max Clients: 192.168.11.149

Connections: Locked to IPs:

S/W version: v1.0.4-pre2/0.2.10

Platform: ibeam

Blue Pill Ready: Yes

Boot Count: 247

Total Uptime: 231d 16h

Session Uptime: 11h 2m

Screen Save On: 211d 17h (91%)

Rdy/ Bsy:

Sleeping: Awake

CPU: 60.9C, 0%, 1500MHz

Env. Health: NORMAL

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	SubEl#	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.

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Revision #4

Created 2 June 2025 20:16:09 by Kasper

Updated 28 June 2025 18:46:33 by Kasper