

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

WTF is here!

Panel Explorer

Updated: 22:18:31.4

Panel Info:

Title:

Model:

Serial:

Max Clients:

Connections:

Locked to IPs:

Rack Fusion Live

SK_RACKFUSIONLIVE

435775

192.168.11.149

S/W version:

Platform:

Blue Pill Ready:

v1.0.4-pre2/0.2.10

ibeam

Yes

Boot Count:

Total Uptime:

Session Uptime:

Screen Save On:

247

231d 16h

11h 2m

211d 17h (91%)

Rdy/Bsy:

Sleeping:

CPU:

Env. Health:

Awake

60.9C, 0%, 1500MHz

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 binaries for various 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: [https://github.com/SKAARHOJ/raw-panel-explorer/blob/main/binaries/Raw%20Panel%20Explorer%20\(W\).app.zip](https://github.com/SKAARHOJ/raw-panel-explorer/blob/main/binaries/Raw%20Panel%20Explorer%20(W).app.zip)

Revision #2

Created 2 June 2025 20:16:09 by Kasper

Updated 2 June 2025 20:22:20 by Kasper