Resource Summary Report

Generated by NIF on May 24, 2025

VIEWPixx /3D

RRID:SCR_009646
Type: Tool

Proper Citation

VIEWPixx /3D (RRID:SCR_009646)

Resource Information

URL: http://www.vpixx.com/products/visual-stimulus-displays/viewpixx-3D.html

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Description: A complete display toolbox which has been developed specifically to replace CRTs in vision science labs. The VIEWPixx /3D incorporates industrial LCD glass, and a controller which has been custom designed to support vision research. Their innovative LED backlight design features superior display uniformity, and a wide color gamut exceeding that of any CRT. In addition, it includes an array of peripherals which often need to be synchronized (with microsecond precision) to video during an experiment, including a stereo audio stimulator, a button box port for precise reaction-time measurement, triggers for electrophysiology equipment, and even a complete analog I/O subsystem. It is perfectly suited for presentation of dynamic stimuli, it features 1920 x 1080 resolution, 10-bit intensity on each colour and true 120Hz refresh rate. The VIEWPixx /3D is field upgradable.

Abbreviations: VIEWPixx /3D

Synonyms: VIEWPixx / 3D, VIEWPixx/3D

Resource Type: material resource, instrument supplier

Keywords: domain independent, experiment control, hardware, physiological recording, physiological stimulation, response monitoring, stimulus presentation, vision, visual stimulus

Funding:

Resource Name: VIEWPixx /3D

Resource ID: SCR_009646

Alternate IDs: nlx_155973

Alternate URLs: http://www.nitrc.org/projects/replacement_crt

Record Creation Time: 20220129T080254+0000

Record Last Update: 20250523T054740+0000

Ratings and Alerts

No rating or validation information has been found for VIEWPixx /3D.

No alerts have been found for VIEWPixx /3D.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Fournier J, et al. (2018) Spatial Information in a Non-retinotopic Visual Cortex. Neuron, 97(1), 164.