Resource Summary Report

Generated by kravitz2 on Aug 24, 2026

Bruker: INSCOPIX nVista

RRID:SCR_017407
Type: Tool

Proper Citation

Bruker: INSCOPIX nVista (RRID:SCR_017407)

Resource Information

URL: https://inscopix.com/nvista-system/

Proper Citation: Bruker: INSCOPIX nVista (RRID:SCR_017407)

Description: Miniature microscope for imaging calcium activity in neural circuits by Inscopix, Inc. Allows to record real-time brain cell activity and calcium signaling in deep brain regions while the animal moves freely.

Synonyms: , INSCOPIX nVista, nVista 3.0, nVista, nVista 2.0

Resource Type: instrument resource

Defining Citation: PMID:26914316

Keywords: Minature, microscope, imaging, calcium, activity, neural, circuit, Inscopix Inc,

Availability: Restricted

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_017407.pdf

Resource Name: Bruker: INSCOPIX nVista

Resource ID: SCR_017407

Old URLs: https://support.inscopix.com/products/nVista

Record Creation Time: 20220129T080335+0000

Record Last Update: 20260815T182543+0000

Ratings and Alerts

No rating or validation information has been found for Bruker: INSCOPIX nVista.

No alerts have been found for Bruker: INSCOPIX nVista.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Dos Santos Corrêa M, et al. (2026) Neuronal networks in the dorsal hippocampus causally regulate rescue behavior in mice. Cell reports, 45(2), 116923.

Tasaka GI, et al. (2026) Submedius thalamic inputs shape the presynaptic architecture of layer 5 orbitofrontal cortex in mice. iScience, 29(2), 114828.

Manjila SB, et al. (2025) Brain-wide connectivity and novelty response of the dorsal endopiriform nucleus in mice. Cell reports, 44(7), 115827.

Ogg MC, et al. (2025) Locus coeruleus norepinephrine neurons facilitate orbitofrontal cortex remapping and behavioral flexibility. Cell reports, 44(12), 116687.

Palchaudhuri S, et al. (2025) A posterior insula to lateral amygdala pathway transmits US-offset information with a limited role in fear learning. Cell reports, 44(2), 115320.

Kim J, et al. (2025) Encoding the glucose identity by discrete hypothalamic neurons via the gut-brain axis. Neuron, 113(16), 2673.

Pierré A, et al. (2024) A Perspective on Neuroscience Data Standardization with Neurodata Without Borders. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(38).

Li YD, et al. (2024) Anterior cingulate cortex projections to the dorsal medial striatum underlie insomnia associated with chronic pain. Neuron.

Kintscher M, et al. (2023) A striatal circuit balances learned fear in the presence and absence of sensory cues. eLife, 12.

Haam J, et al. (2023) Entorhinal cortical delta oscillations drive memory consolidation. Cell reports, 42(10), 113267.

Lin YL, et al. (2022) Cellular mechanisms underlying central sensitization in a mouse model of chronic muscle pain. eLife, 11.

Fischler-Ruiz W, et al. (2021) Olfactory landmarks and path integration converge to form a cognitive spatial map. Neuron, 109(24), 4036.

Sheintuch L, et al. (2020) Multiple Maps of the Same Spatial Context Can Stably Coexist in the Mouse Hippocampus. Current biology : CB, 30(8), 1467.

Heinsbroek JA, et al. (2020) Opposing Regulation of Cocaine Seeking by Glutamate and GABA Neurons in the Ventral Pallidum. Cell reports, 30(6), 2018.

Xing L, et al. (2019) Mutant neuropeptide S receptor reduces sleep duration with preserved memory consolidation. Science translational medicine, 11(514).