

# Resource Summary Report

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## 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](https://pubmed.ncbi.nlm.nih.gov/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](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:** 20260808T190109+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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 15 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

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) Submedial 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.

Palchadhuri 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).