

Resource Summary Report

Generated by PRECISE-TBI on Aug 30, 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](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

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: 20260829T182559+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 [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).