

# Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

## Mousecam project

RRID:SCR\_021422

Type: Tool

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### Proper Citation

Mousecam project (RRID:SCR\_021422)

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### Resource Information

**URL:** <https://edspace.american.edu/openbehavior/project/mousecam/>

**Proper Citation:** Mousecam project (RRID:SCR\_021422)

**Description:** Project related to capturing detailed behavior in freely moving mice. System combines lightweight head mounted camera and head movement sensors to detect behaviors in mice. Used to monitor behaviors including eye position, whisking, and ear movements in unrestrained animals. Can be mounted in combination with neural implants for recording brain activity. Provides software Python package with functions for extracting and analyzing data recorded using camera.

**Synonyms:** Mousecam

**Resource Type:** data or information resource, instrument resource, portal, project portal

**Defining Citation:** [DOI:10.1016/j.neuron.2018.09.020](https://doi.org/10.1016/j.neuron.2018.09.020)

**Keywords:** Lightweight head mounted camera system, head movement sensors, monitor eye position, monitor pupil dilation, monitor whisking, monitor pinna movements, monitor head motion, unrestrained mice, freely behaving mice, multichannel electrophysiology, OpenBehavior, Instrument

**Availability:** Free, Freely available

**Resource Name:** Mousecam project

**Resource ID:** SCR\_021422

**Record Creation Time:** 20220129T080355+0000

**Record Last Update:** 20260903T235708+0000

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### Ratings and Alerts

No rating or validation information has been found for Mousecam project.

No alerts have been found for Mousecam project.

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## Data and Source Information

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.