

# Resource Summary Report

Generated by [ASWG](#) on Aug 4, 2026

## Picamera project

RRID:SCR\_021423

Type: Tool

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### Proper Citation

Picamera project (RRID:SCR\_021423)

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### Resource Information

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

**Proper Citation:** Picamera project (RRID:SCR\_021423)

**Description:** Project related to tracking animals in large spaces. Picamera system allows for tracking of animals in large behavioral arenas. Open source scalable multi camera tracking system that can be used to track behavior in combination with wireless recording systems. Design is comprised of 8 overhead Raspberry Pi cameras, capable of recording at high frame rate in large field of view, recording video independently in individual Raspberry Pi microcomputers and processed using Picamera Python library.

**Synonyms:** Picamera

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

**Defining Citation:** [DOI:10.1152/jn.00215.2018](https://doi.org/10.1152/jn.00215.2018)

**Keywords:** Tracking rats in large spaces, camera system, Picamera Python library, OpenBehavior, Instrument

**Availability:** Free, Freely available

**Resource Name:** Picamera project

**Resource ID:** SCR\_021423

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

**Record Last Update:** 20260804T043737+0000

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### Ratings and Alerts

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

No alerts have been found for Picamera 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.