

Resource Summary Report

Generated by SPARC SAWG on Jul 29, 2026

Picamera project

RRID:SCR_021423

Type: Tool

Proper Citation

Picamera project (RRID:SCR_021423)

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: instrument resource, project portal, portal, data or information 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: 20260729T044512+0000

Ratings and Alerts

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

No alerts have been found for Picamera project.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.