



VIUM SMART HOUSING™

Innovative Digital Caging System with 24/7 Video Capture

Vium Smart Housing was developed to improve tracking and monitoring of subjects in their homecage. At the heart of the Vium platform are HD Cameras and Sensors that continuously record activity and environmental conditions.



VIUM SMART HOUSING: MOUSE RACK

KEY FEATURES

- Continuous day and night time video and data capture for each subject
- Supports experiments across multiple cages - scalable to 1000's of cages
- Capture subject motion and breathing rate to develop novel insights into animal behavior and health
- Non-invasive measurements reduce experimental noise and variability
- Access study data in near-real time and follow studies remotely

Benefits of Vium Smart Housing

Improved Insights and Accuracy

- Computer vision provides objective observations reducing errors and bias from subjective data collection
- Ability to monitor and record subjects 24/7 provides unrivaled ability to capture both day and night-time data
- Non-invasive physiological read-outs provide novel views into subject health and well being which can be broadly applied in various research and disease applications

Transparency and Efficiency

- Easily monitor subject conditions and study results remotely from any internet-enabled device in real-time
- Obtain a complete video recording of your study
- Data and charts updated in near-real time

Animal Welfare

- Less animal handling reduces stress
- Ability to objectively detect indicators of animal health and well being using Vium's automated Digital Metrics

