

# VIGIEPRIMATE

## HIGH THROUGHPUT BEHAVIOR ANALYSIS OF PRIMATE



### Cage

Monitor simultaneously up to 32 subjects in their cage (Side and Top) and score telemetry as well



### Precise behavior

Score complex behaviors: climbing, hanging, resting, food intake and many others



### Experiment 24/7

Perform long studies: Record and analyze global activity and locomotion non-stop 24/7

### High throughput Monitoring

VigiePrimate is a high throughput system able to perform long-term observation of Primate in their cages.

Flexible and easy use:

In a few steps, start monitoring the behavior of your animals in a stress-mess environment (no probes or captors). VigiePrimate analyses behaviors and movements of the animal continuously 24 hours a day, 7 days a week for up to 32 cages at the same time. It also allows you to use your existing telemetry system to score physiological information. Generated data is summarized in a comprehensive and graphical interface. This enables to sort automatically animals with specific Phenotypes.



### Customized systems

Every Lab demands particular attention and specific setup, VirgiPrimate is a complete Turnkey solution including hardware and software.

The system is composed of autonomous InfraRed Lighting wall panels, cameras which can be placed on the side, at the top or both sides of the cage and our most advanced automated behavioral analysis software.

### Available calculations:

- locomotion: distance travelled, speeds and duration of movement
- behaviors: climbing, resting, food intake (eating, drinking) activity levels: freezing, ambulatory movements and Burst



### An active memory

For each experiment PhenoRack stores the automated scoring and calculated results, Raw data, Images, Videos.

You are able to replay the experiment with different protocols and get a new set of data based on new settings.

### High accuracy in supplied data

PhenoRack analyses from live in real time up to 32 subjects.

High resolution and filters make it possible to adapt to the most demanding laboratory environment.

Our software is developed according to Good Laboratory Practice;

-Data security and reliability are maximized.

-Result can be easily transferred to your spreadsheet or statistical software.

## PROVIDED SERVICES

### Update

All updates are compatible. You can constantly improve your research.

### Training

Provided with an on-site training. All the users will know how to get the best from our solution.

### Remote support

Constant remote support available. We can quickly provide assistance, diagnose, and fix any issue.

### Worldwide coverage

Worldwide offices. From protocol setup to assistance or maintenance, you are not alone.