



Sophisticated Life Science Research Instrumentation

[Products](#) | [Behavior](#) | [Video Tracking](#) | PhenoTracker - Video Tracking Software

PhenoTracker – Modular video tracking software

The TSE Systems PhenoTracker is a new solution for modular video tracking and behavioral analysis using optimized tracking algorithms for rodents, fish and flies. Multiple animals within multiple arenas can be tracked using the center of gravity or 3 body point tracking. Intended to be cost-effective and simple to use with nearly every inexpensive webcam it is the most advanced video analysis system ever.

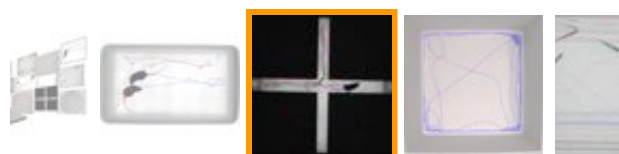
Key Features:

- Optimized analysis for diverse lab animals like mice, rats, zebrafish, insects & fish and insect larvae
- Multiple Object Tracking: up to 5 fish or 50 insects at a time
- Automated Active Investigation, Social Interaction, Immobility & Turning detection
- Unlimited multi-arena tracking (dependent on video resolution)
- Zero-configuration Tracking: tracking algorithms optimized for each species with no configuration required
- Over 30 parameters measured out-the-box
- Multiple users can access a single system at the same time
- Access the software over a network - from the lab, office, or at home
- Analyses all common video formats
- Integrated data management and batch video analysis
- No specific hardware requirements: videos can be captured with most video camera types, and a frame grabber is not necessary
- **PhenoTracker Server Version:** Additional concurrent user licenses for up to 100 users
- And much more...

- [Mazes & Behavioral Paradigms](#)
- [Analysis Parameters](#)



Elevated Plus Maze tracking



Detailed Information

Brochure "PhenoTracker"

[Download brochure "PhenoTracker" \(1 MB\)](#)

[Order brochure "PhenoTracker"](#)

References

- **Hardware/Software Requirements**
- **Free Online Demo**
- **Get a Quote**
- **Warranty & Service**

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