



The Observer XT

The Observer® XT is here to assist, streamlining the labor involved and making observations more objective. This user-friendly event logging software helps to collect, analyze, and present observational data.

Observing animal behavior can be done in a variety of ways, with automated tracking software or with behaviors noted by hand. In some research areas, a very detailed look at behavior is required. Self-grooming, play behavior, feeding behavior, body postures, social hierarchy establishments, aggressive encounters: these are just a sampling of behaviors in which manual observation is best.

EASY SYNCHRONIZATION WITH OTHER SYSTEMS

The Observer XT is here to assist, streamlining the labor involved and making observations more objective. This user-friendly event logging software helps to collect, analyze, and present observational data. It supports the entire workflow of a research project, from ethogram to presentation of the results. The Observer XT is a flexible solution with options to score behaviors live, from video, or even with your smartphone. Easy synchronization with other systems, and the ability to integrate other data streams into your experiment puts The Observer XT at the hub of your research studies.

WHY USE THE OBSERVER XT?

- Gain in-depth understanding of your subjects through behavioral coding.
- See the whole picture by integrating external data streams (vocalizations, telemetry, neuronal signaling, and more).
- Comprehend the experiment at a glance; visualize events, videos, audio, and physiological signals in sync.
- Analyze the quality and results of the experiment: calculate statistics and assess reliability.

SIMPLIFY COMPLEX BEHAVIORS

When behavioral observations are at the core of your experiment, creating a good coding scheme (ethogram) is essential. Data out is only as good as the data entered in! Creating the ideal ethogram based on desired end points will save you time in the end.

The Observer XT has several options to easily create and use a coding scheme. Ethograms range from a simple handful of behaviors (e.g. animal is on food source v. not on food source) to complex schemes (such as the full description of an aggressive interaction). Whatever your research aim is, our trained behavioral experts will be available to provide their expertise.

Behaviors are annotated by a simple key press, and you can choose to annotate all behaviors during the observation period (continuous sampling) or only specific instances and subjects (instantaneous sampling). The coding scheme can be modified during observations, so if a behavior is erroneously left out, it can be added while you're coding.

MULTI-STREAM PLATFORM

With The Observer XT at the core of your lab, it is possible to automate the recording of multiple different data streams (e.g. physiology) along with live or off-line behavioral coding.

INTEGRATION WITH VIDEO TRACKING

If you want to combine your coded data with video tracking data, you can easily import data from Etho-Vision® XT into The Observer XT, and vice versa, to visualize and analyze data streams alongside each other. This helps to, for example, analyze which specific behaviors were performed ([The Observer XT data](#))

when two animals were in close proximity ([EthoVision XT](#) data). You can also integrate ultrasonic vocalization data, captured with our [UltraVox™ XT](#) software.

MANAGE YOUR PROJECTS

The Observer XT is designed to help you work efficiently. For example, you can save a project as a template and share the work. Reliability analysis assures that all data is of high quality.

DONGLE FREE LICENSING SYSTEM

To activate and use The Observer XT, a software-based license offers you convenience and a practical solution, since you no longer need a hardware key. No more hassle with lost or damaged dongles. You can choose

between a fixed and a floating license. A fixed license is bound to one PC, whereas with a floating license it is possible to install The Observer XT on multiple computers.

Do you want to keep using the trustworthy hardware dongle? No problem, The Observer XT also supports the use of a hardware key.

CONTACT US

Feel free to contact us for more information and a free trial. We are happy to assist you in creating the perfect system for your research.

VISIT OUR WEBSITE
TO LEARN MORE

REQUEST A
FREE TRIAL

FEATURES	VERSION NUMBER						
	16	15	14	13	12	11	10
64-bit application	✓						
Dongle free licensing system	✓						
Improved video handling (smooth 4x playback speed, slider position)	✓	✓					
GPS data import with 5 decimals	✓	✓					
Automated integration with DSI	✓	✓	✓				
Improved coding of behavior	✓	✓	✓	✓			
Filtering and interval selection based on Duration	✓	✓	✓	✓	✓		
Make an Episode Selection via Visualization (select portion of interest and click Create Episode Selection button)	✓	✓	✓	✓	✓		
Visualize multiple observations simultaneously	✓	✓	✓	✓	✓	✓	
Extend Reliability Analysis	✓	✓	✓	✓	✓	✓	
Code from audio files	✓	✓	✓	✓	✓	✓	
Select intervals for analysis (labeling and filtering)	✓	✓	✓	✓	✓	✓	✓
Numerical analysis of modifiers and external data	✓	✓	✓	✓	✓	✓	✓
Continuous and instantaneous sampling methods	✓	✓	✓	✓	✓	✓	✓
New statistic: Latency	✓	✓	✓	✓	✓	✓	✓
Coder licenses	✓	✓	✓	✓	✓	✓	✓

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We are also represented by a worldwide network of distributors and regional offices. Visit our website for [contact information](#).

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