

Системы видео отслеживания

Описание

По вопросам продаж и поддержки обращайтесь:

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RECORD-IT! MEDIA Software (Panlab)

Ensure traceability and security by saving the image of the experiment in a digital video file!

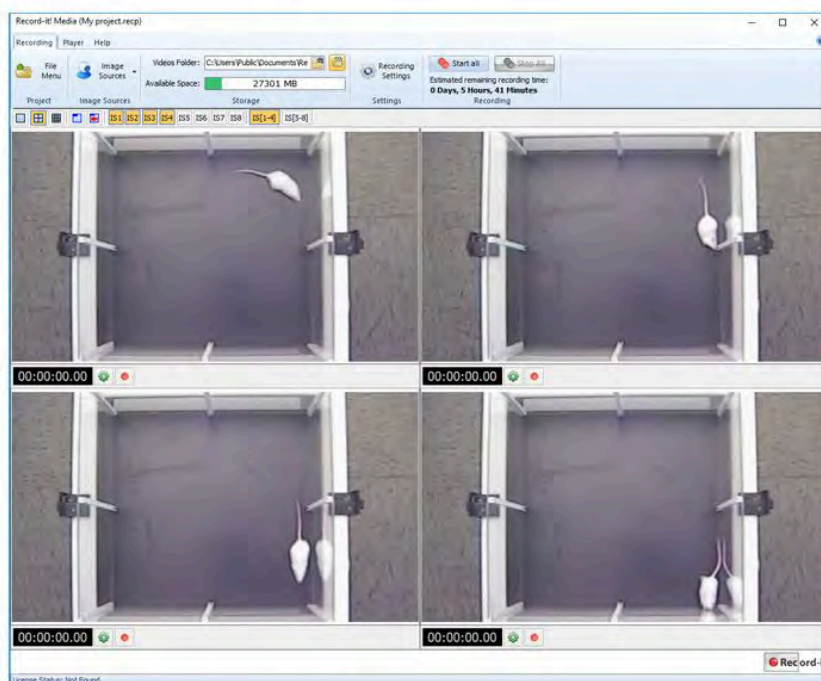
- Multi-camera video recorder and player.
- Webcam, analog cameras, USB digital cameras, IP cameras.
- Multi-camera video recorder and player.
- Webcam, analog cameras, USB digital cameras, IP cameras.
- Up to 16 cameras (individual settings).
- 64 bits compatible platform.
- Independent or Simultaneous Start/Stop.
- Synchronize with third-party applications.

Item No.	Description
76-1261	(RECMEDIA1V1.0) RECORD-IT! MEDIA Software, 1 Camera
76-1262	(RECMEDIA8V1.0) RECORD-IT! MEDIA Software, up to 8 cameras
76-1263	(RECMEDIA16V1.0) RECORD-IT! MEDIA, up to 16 Cameras
76-1264	(RECMEDIAUPGIT8) RECORD-IT! MEDIA Upgrade from 1 to 8 cameras)
76-1265	(RECMEDIAUPGIT16) RECORD-IT! MEDIA Upgrade from 1 to 16 Cameras

Item No.**Description**

76-1266

(RECMEDIAUPG8T16) RECORD-IT! MEDIA Upgrade
from 8 to 16 Cameras

**DETAILS**

RECORD-IT! MEDIA can record the live images of up to 16 cameras simultaneously into independent digital video files. RECORD-IT! MEDIA also provides a Player for the review of the recorder videos. Both video recording and video playing can be synchronized with third-party system.

Features & Benefits

- **SECURE**—Protect your valuable work with exceptional security including traceability and video storage.
- **TIME-SAVING**—Simultaneous recordings of several subjects
- **FLEXIBLE**—Start with the number of cameras you have today with the confidence that you can easily add more as your needs change
- **ACCURATE**—Video-to-data synchronization function available for data validation

powerful video recorder

RECORD-IT! MEDIA processes the images (frames) coming from the connected images sources (cameras). The cameras supported by RECORD-IT! MEDIA are digital USB cameras, webcam, WIA cameras, analog cameras and IP network cameras. RECORD-IT! MEDIA also provides some simulated live image video sources for demo purposes.

- Screen camera view option (1, 4 or 8 cameras views).
- Independent or simultaneous Start/Stop.
- Camera status table for a better follow-up of the current recording status of the cameras.
- Individual setting by camera (format, name, recording mode/duration).
- All the settings are saved in a Record-It project file for easy storage and retrieval.
- High quality compression (H.264/MPEG 4 AVC codec Xvid equivalent; *.mkv file extension).

convenient video player

RECORD-IT MEDIA player is compatible with a wide range of video formats.

- Search and re-link video file option available to retrieve lost video files.
- Player panel with re-size option.
- PLAY/STOP/PAUSE controls.
- Fast-Rewind/Fast-Forward controls (10 frames steps).
- Frame-by-Frame Rewind and Forward controls.
- Use the integrated Speed Selector for changing the speed of the visualization (x0.25 to x16).

stand-alone recorder & player

- Video feed for a better validation/checking of the experiment.
- The recorded video files can be analyzed off-line using the SMART video-tracking system (or equivalent application) for the automated evaluation of behavior or manual scoring.
- Use RECORD-IT! MEDIA with our StartFear system and operant boxes (or any other system) for a concomitant video recording of the experimental sessions.

integrate record-it media in your own application!

- Synchronization with third-party systems.
- Remote recording START/STOP.
- Remote player frame synchronization.

integrate record-it media in your own application!

RECORD-IT! MEDIA V1.0.3

SMART I/O VIDEO TRACKING Software (Panlab)

Combine the evaluation of behavior with the evaluation of neural recording and stimulation (electrical and optogenetics).

- User-friendly solutions for automated behavior assessment in small laboratory animals.
- Behavior triggered optogenetic stimulation
- Tracking, Activity & integrated behavior
- Built-in Digital Video Recorder (multiple cameras)
- Remote START/STOP control included

Item No.	Description
76-1130	(SMARTIOBASIC) SMART IO BASIC PACK
76-1286	(SMARTIOSUPER) SMART IO SUPER PACK
76-1282	(SMARTIOMA) SMARTIO MA EXTENSION
76-1474	(SMARTIOUPG25) SMARTIO UPGRADE TO V2.5



DETAILS

Behavior. Neuroscience. Stimulation.

Smart I/O is an enhanced version of the Panlab SMART 3.0 video-tracking for the combined evaluation of behavior with the neural recording and stimulation (electrical and optogenetics).

The importance of the use of video recording and video tracking tools is significant in this context for ensuring a reliable assessment of behavior in neuroscience research.

- Combine the evaluation of behavior with the evaluation of neural recording and stimulation (electrical and optogenetics).
- Use multidisciplinary approach for a better understanding of the brain functions and their intrinsic mechanisms.

Integrated stimulation protocol editor

- Integrated feedback loop between behavior and stimulation.

- Stimulus input/output interface through the Panlab I/O interface (2 stimulation channels, Pulse TTL ON/OFF signal or Pulse Train)
- Stimulation can be automatically triggered depending on user-defined conditions: zone entry/exit, time delay, manual key pressing, etc.

Benefits

- **SAVE TIME:** Save Time Focus your time effort on your research, don't waste it with complex tools. SMART I/O is a user-friendly solutions for video recording and automated behavior assessment in small laboratory animals.
- **REFINE YOUR STUDIES:** Refine your behavioral studies using multidisciplinary approaches. SMART I/O provides all the essential functions for combining behavior with electrical and optogenetics stimulations.
- **ENHANCE PRODUCTIVITY:** Enhance the productivity of your experiments with the SMART I/O boosted platform, multiple arenas and multiple camera options. More data, less time.

Provided data

- Summary tables directly exportable to Excel and providing calculation for each user-defined zones and/or time intervals.
- Wide variety of standard calculations related to tracking: time/distance/entries in zones, average speed...
- Zone transition, global activity and events list reporting the time evolution of specific calculations and distribution of their occurrence.
- Track coordinates reports (X,Y)
- Group evolution graphs and Track image exportation

Last available release

SMART I/O V2.5

SMART Video Tracking System (Panlab)

SMART is a complete and user-friendly video tracking system for evaluating behavior in experimental animals.

- Standard solutions in Neuroscience
- Tracking, Activity & integrated behavior
- The most user-friendly in the market!
- Flexibility, Productivity, Traceability
- Customized solutions for any application and budget
- Optimal cost/performance ratio!
- Built-in Digital Video Recorder
- Remote START/STOP control included

Item No.	Description
76-0696	Smart V3.0 Super Pack
76-0697	Smart V3.0 Premium Pack
76-0681	SMART platform (needs experimental module)
76-0682	Customizable Experimental Module
76-0688	Open Field Preconfigured Module
76-0690	Water Maze Preconfigured Module
76-0689	Plus Maze Preconfigured Module
76-0691	T/Y Maze Preconfigured Module

Item No.	Description
76-0692	Place Preference Preconfigured Module
76-0693	FST And TST Preconfigured Module
76-0687	Social Interaction Preconfigured Module
76-0695	Smart V3.0 Basic Pack



DETAILS

Smart 3.0, the latest release of Panlab SMART video tracking system features the most flexible and easy-to-learn software for the automated evaluation of behavior in the widest range of pre-clinical and neuroscience applications.

SMART provides data relevant to problems in basic and clinical psychopharmacology. Applications include phenotype characterization (differences between strains, effect of a genetic modification, etc.)

and studying the behavioral effects of pharmacologic substances.

Utilizing our advanced image analysis, SMART 3.0 allows the recording of activity, trajectories, events, social interactions, and global activity. SMART 3.0 provides users the versatility of a modular system with the capabilities of a broadband package.

SMART 3.0 was developed with the daily experimental process in mind with an easy-to-use interface and an highly flexible structure to fit well with most applications and budgets. Advanced features ensure reliable data and increased productivity, saving valuable time and resources.

SMART 3.0 emphasizes flexibility, productivity and simplicity - just add your desired settings, SMART 3.0 will do the rest. Simply SMART, simply powerful.

Provided data

- Summary tables directly exportable to Excel and providing calculation for each user-defined zones and/or time intervals
 - Wide variety of standard calculations related to tracking: time/distance/entries in zones, average speed, etc. Advanced calculations also available: alternation triplet, Whishaw's error, mean directionality, parallel index, turning tendency, rotations, rearings, etc.
 - Zone transition, global activity and events list reporting the time evolution of specific calculations and distribution of their occurrence
 - Track coordinates reports (X,Y,Z)
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