

CAGEVIEW

An AI-powered platform for remote monitoring and feeding rodents

- Time-Efficiency
- Reduced Lab Visits
- Precision in Feeding
- Data Accuracy
- Data Management
- Cost Reduction








SmartFeeder



SmartVision

Why CageView?

-  **Animal Health**
Ensures rodent health and safety via activity monitoring and food control
-  **Staff Convenience**
Remote access eliminates the need to travel to cage location multiple times per day
-  **Staff Safety**
Conduct daily tasks remotely without exposure to contaminated or radioactive environments
-  **Remote Control of Multiple Cages**
Access and control multiple CageView units wherever you can access the SmartCage App
-  **Easy-to-Use**
An interactive graphical user interface allows the user to perform any task with only a few clicks
-  **Activity and Food History**
Allows researchers to track the history of mouse movements and feeding routine

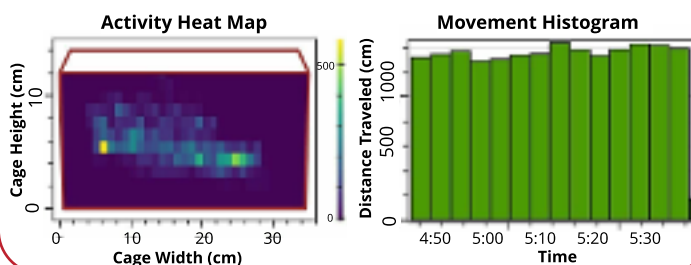
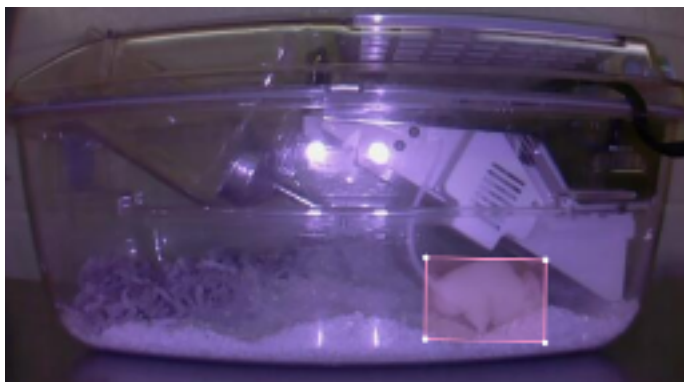
CageView™ Components

SmartCage-App™

- Easy-to-use programmable interface
- Consolidates information from SmartVision™ and SmartFeeder™ units
- Records and exports data in .csv formats
- Export a rodent's activities over any time interval in the form of histograms
- Remote access to all functions of CageView
- Control and track multiple units simultaneously

CV-SmartVision™

- Real-time video monitoring platform using infrared cameras and sensors
- Tracks live rodent movement using advanced proprietary AI and video processing software
- History of rodent movements tracked, stored, and reported using graphical tools and metrics
- Remote "anywhere" access via a PC or phone

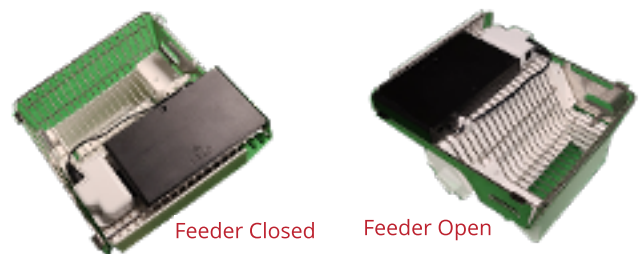


CV-SmartFeeder™

- Automated feeding/fasting control via programmable scheduler
- Customizable scheduler allows on/off control of the feeder in 30-minute increments
- Recorded data files provides a mouse's feeding/fasting history
- Remote "anywhere" access via a PC or phone

		12 :30	1 :30	2 :30	3 :30	4 :30	5 :30	6 :30	7 :30	8 :30	9 :30	10 :30	11 :30
Sunday	AM:	F	F	F	F	F	F	F	F	F	F	F	F
	PM:	F	F	F	F	F	F	F	F	F	F	F	F
Monday	AM:	F	F	F	F	F	F	F	F	F	F	F	F
	PM:	F	F	F	F	F	F	F	F	F	F	F	F
Tuesday	AM:	F	F	F	F	F	F	F	F	F	F	F	F
	PM:	F	F	F	F	F	F	F	F	F	F	F	F
Wednesday	AM:	F	F	F	F	F	F	F	F	F	F	F	F
	PM:	F	F	F	F	F	F	F	F	F	F	F	F
Thursday	AM:	F	F	F	F	F	F	F	F	F	F	F	F
	PM:	F	F	F	F	F	F	F	F	F	F	F	F
Friday	AM:	F	F	F	F	F	F	F	F	F	F	F	F
	PM:	F	F	F	F	F	F	F	F	F	F	F	F
Saturday	AM:	F	F	F	F	F	F	F	F	F	F	F	F
	PM:	F	F	F	F	F	F	F	F	F	F	F	F

Fasting Eating



Applications

- Musculoskeletal Disorders
- Behavioural Disorders
- Systemic and Multi-Organ Disorders
- History of Activity and Food Access
- Peripartum Monitoring
- Peri-Surgery Monitoring
- Mice Condition Post Lethal Treatments
- Intermittent Fasting & Diet Control
- PET-FDG Scan
- Neurological Disorders



Call 1-888-TAC-ROB1 or email us at demo@tactilerobotics.ca to learn more about available packages and products.