

## Improving animal welfare

Recording animal behavior using the Audio/Video system Viso

Veterinarians, farmers, owners of an animal shelter, and researchers put the welfare of animals above all else. They want to keep a close eye on the animals, almost constantly. After all, observing the animals tells them more about how they behave, whether they are in pain, whether they are lively or lackluster, and whether they need help. Changes in behavior tell us a lot about animal welfare.

Monitoring an animals' behavior provides insights into animal diseases and can help improve the animals' health status and welfare.

### RECORDING IN MULTIPLE INDEPENDENT SPACES SIMULTANEOUSLY

Viso ensures that if animals are in different cages or stables, they can all be viewed live at the same time, using one or more cameras per cage or stable. Viso can record in an unlimited number of spaces simultaneously. These spaces do not need to be in the same building or animal facility.

With Viso, not only is multi-room recording easy to do, but it is also possible to mark events of interest with a simple click of a button. In the

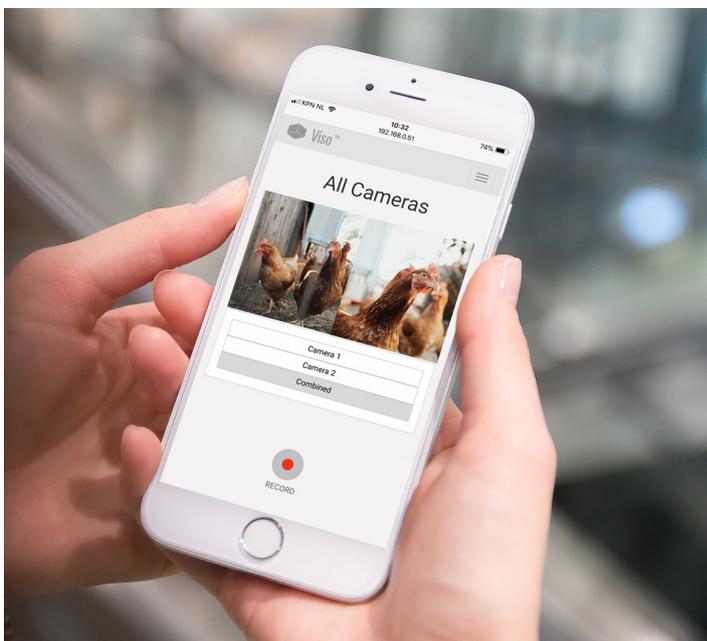


graphical timeline, you can see at a glance what events are annotated as important moments for your animals. For example, you can mark the moment an animal wakes up, begins to behave restlessly, or shows signs of illness. This is very beneficial for further analysis. All recordings are stored safely and immediately available to be re-played, inspected, or manually annotated.

### REMOTE MONITORING OF ANIMALS FROM OUTSIDE THE FACILITY

A great advantage of Viso is the ability to view the live video streams remotely, from wherever you are and on any device, such as a smartphone, notebook or tablet. This allows for intrusion-free observations, and while you are keeping an eye on all the animals, you can do other tasks elsewhere.

Besides, you can also start and stop recordings using the Viso Web App. You don't have to enter the animal facility or go all the way to the computer where the software is installed to start or stop a recording. This can simply be



done remotely, so that the behavior of the animals is not adversely affected. Especially for high containment facilities, this can be very convenient.

### COMPLETE SYSTEM

Viso is the flexible, modular, and highly scalable solution for audio and video recording and playback that includes everything you need. Installation, support, and training are built-in to get you started quickly! We are also represented by a worldwide network of distributors and regional offices. Visit our website for [contact information](#).

### POWERFUL BENEFITS OF VISO

- Versatile software tool for AV recording
- Recording in multiple independent locations
- Remote monitoring of animals
- Very easy to use, saving valuable time
- Flexible and scalable system
- Record and play back videos immediately



#### COMBINING VISO WITH THE OBSERVER XT

With The Observer® XT you can code and analyze your animals' behaviors in great detail. For example, to investigate how long it takes for a certain behavior to be repeated, how much time passes before one behavior is followed by another, or how animals interact with each other.

The videos recorded with Viso can be further analyzed with The Observer XT.

[LEARN MORE ABOUT  
THE OBSERVER XT](#)

#### COMBINING VISO WITH ETHOVISION XT

EthoVision® XT allows you to automatically collect data on important indicators of health and welfare, such as the general activity, resting behavior, or social interaction of your animals.

The videos recorded with Viso can be further analyzed with EthoVision XT.

[LEARN MORE ABOUT  
ETHOVISION XT](#)

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