

Livestock Management

Vortex Edge provides efficient and cost-effective livestock monitoring solution across the ranch especially in extensive range lands that are difficult to access. The system incorporates fixed-wing UAV equipped with high-resolution FLIR thermal camera which have abilities to track and mark each of the livestock and send real-time aerial overview video of the area in which the farmer they keep their livestock which give ability to the farmer to identify any issues in real time, thus enabling them to resolve issues quickly and efficiently.

Plus, the overall system has features and capabilities to allow farmer to monitor their livestock movement and health so that they knew when and which animal becomes ill as they can easily access digitized information about the animals.



Real-Time Video Monitoring

Vortex software enables direct data transfer to the farmer in real-time.



Able to Operate At Night

Heat signature of livestock are much easier to see than a daylight image.



Accurate Temperature Detection

Easily highlight the livestock's specific temperature ranges, making identification of specific species more accurate.

Practical Solution and Saves Time

Monitor Livestock Over Large Areas

Heat Detection Capabilities

Efficient Animal Inventory Check

Evaluate Livestock Condition

