



Actimoo

Actimoo is a smart estrus monitoring system designed for dairy and breeding cattle operations. Worn around the animal's neck, the system continuously monitors activity levels 24 hours a day, detecting behavioral changes, increased movement and signs of restlessness associated with estrus. Collected data is transmitted wirelessly through a gateway infrastructure for analysis using advanced algorithms and real-time notifications. The system is particularly effective in identifying nighttime and silent estrus events that may be missed through visual observation alone. By supporting timely breeding decisions, Actimoo helps improve reproductive performance, reduce open days and optimize herd management. Designed for long-term field operation, the system offers low maintenance requirements, easy installation and extended battery life. Activity records and trend analysis provide additional support for decision-making, while continuous monitoring reduces labor requirements and improves operational efficiency.

24/7 Activity Monitoring

Nighttime & Silent Estrus Detection

Real-Time Estrus Alerts

Up to 5 Years Battery Life

Low Maintenance & Easy Installation

Advanced Activity Trend Analysis

Technical Specifications

Product Name	Actimoo
Unit Weight	172 g (with battery & case)
Dimensions	40 × 40 × 65 mm
Battery Type	Lithium Primary
Power Input	3.6 Volt, 50 mA Peak
Measurement Control	Single Chip Microcontroller
Measurement Resolution	1 Unit
Battery Life	5 Years
Warning Method	RF Data Every 3 Hours
Recommended Storage Temperature	-10°C to +45°C
Warranty	2 Years