

Sensor Description

Designed to integrate seamlessly with the Farmdeck app, this advanced livestock sensor provides real-time animal tracking through GPS capabilities. It enables farmers to:

- Monitor Location in Real-Time: Track the precise location of livestock across your paddocks.
- Health & Activity Insights: Assess health metrics and activity levels, including movement patterns (stationary, walking, running) and stress indicators.
- Geofencing Alerts: Receive instant notifications if an animal breaches paddock boundaries, ensuring prompt action to prevent escapes.



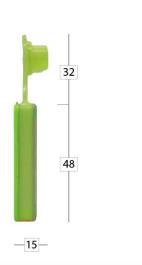
Features

- GPS location and heading
- Animal health tracking records
- Animal behaviour alerts
- Geofencing
- Activity
- Anti-theft

Applications

- Animal tracking
- Record keeping
- Paddock management
- Livestock safety management





Livestock Tracker

Datasheet | Published 17.12.2024



Mechanical Features	
Housing	Double prong livestock ear tag
Dimensions (mm)	77 x 80 x 15 mm
Weight	26 g with solar panel
Case Material	PC (polycarbonate) and TPE
Device Power Supply	
Battery	Solar panel with 250 mAh battery
Expected battery life	Up to 5 years
Operating Conditions	
Temperature	-40ºC to +125 ºC
Radio/Wireless Connection	
Wireless technology	LoRaWAN 1.0.3/1.1
Supported LoRaWAN device type	Class A End-device
Supported LoRaWAN Regions	AS923, AU915, EU868, KR920, IN865, US915
Configuration	OTAA
Data Type	
	Latitude / Longitude, accelerometer