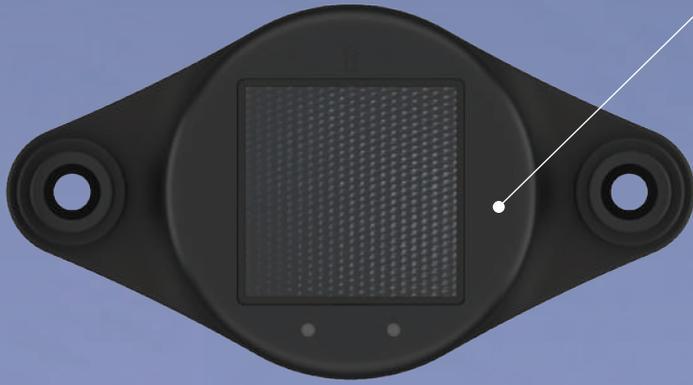




# GLS10

## QUECLINK GPS CATTLE TRACKING INTRODUCTION





**Dimensions:** 96x53x18mm

**Battery Charging:** Solar

**Location frequency:** 4 reports per day

**Position accuracy:** <5m

**Standby Time:** 15 days (without charging)

**Operating Temperature:** -20°C ~ +60°C

**Waterproof:** IP67 Compliant

Introducing the next frontier in bovine management: the LEO Cattle Tag. Combining cutting-edge technology with the practical needs of modern agriculture, this revolutionary device is set to redefine how we monitor and safeguard our livestock.

At the heart of the LEO Cattle Tag is its seamless integration of space-age innovation and terrestrial utility. Equipped with a state-of-the-art solar panel, this device harnesses the power of the sun to ensure uninterrupted functionality, even in the most remote of grazing environments. No need for constant battery replacements or cumbersome charging stations – the LEO Cattle Tag is self-sustaining and always ready for action.

But the true marvel of the LEO Cattle Tag lies in its ability to provide precise location data, effortlessly transmitted four times a day from Low Earth Orbit. Whether your herd is grazing on vast open plains or nestled within dense forests, you can rest assured knowing their whereabouts are constantly monitored and readily accessible at your fingertips.

Not content with mere tracking, the LEO Cattle Tag also boasts advanced GEO fencing capabilities. Define custom boundaries for your grazing areas, and receive instant alerts should any of your livestock stray beyond designated limits. With this feature, you can effectively manage grazing patterns, prevent trespassing, and ensure the safety and security of your valuable assets.

Say goodbye to the uncertainties of traditional livestock management and embrace the future with the LEO Cattle Tag. With its unparalleled combination of reliability, precision, and versatility, this device is poised to revolutionize the way we care for and interact with our cattle.

# Benefits

1

## Real-time Monitoring:

The LEO Cattle Tag's ability to provide precise location data, updated four times a day, can be instrumental in tracking the movement of livestock populations. By gaining insights into the geographical spread of cattle, authorities can swiftly identify and isolate potential outbreaks of FMD, thus preventing its rapid transmission.

2

## GEO Fencing for Quarantine Zones:

Implementing GEO fencing around areas affected by FMD outbreaks enables authorities to establish strict quarantine zones. Any unauthorized movement of cattle in or out of these zones triggers immediate alerts, allowing for rapid response measures to contain the spread of the disease.

3

## Data-driven Decision Making:

The wealth of data collected by the LEO Cattle Tag can inform evidence-based policy decisions and resource allocation strategies. By analyzing trends in cattle movement and behavior, governments can optimize their FMD eradication efforts, deploying resources more effectively to areas at highest risk of infection.

4

## Traceability and Contact Tracing:

In the event of an FMD outbreak, the ability to quickly trace the movements of infected cattle and their contacts is paramount. The LEO Cattle Tag provides a comprehensive digital trail of each animal's whereabouts, simplifying the process of contact tracing and enabling authorities to swiftly identify and quarantine potentially exposed individuals.

5

## International Collaboration:

FMD knows no borders, and effective control efforts often require cross-border collaboration. By standardizing the use of LEO Cattle Tags across neighboring countries, governments can facilitate data sharing and coordination, enhancing regional efforts to prevent the spread of the disease.