



FEATURES



High-precision GPS/GLONASS tracking device



Weatherproof and ultra-rugged IP67 housing with compact and ergonomic design



Powered by 3 x AAA Batteries with up to 3 years battery life



Built-in Battery Meter for remote Battery Life Monitoring and Remaining Life Predictions



Accelerometer for Smart Movement based tracking

Kingfisher Compact



CELLULAR 4G LTE-M / NB-IOT

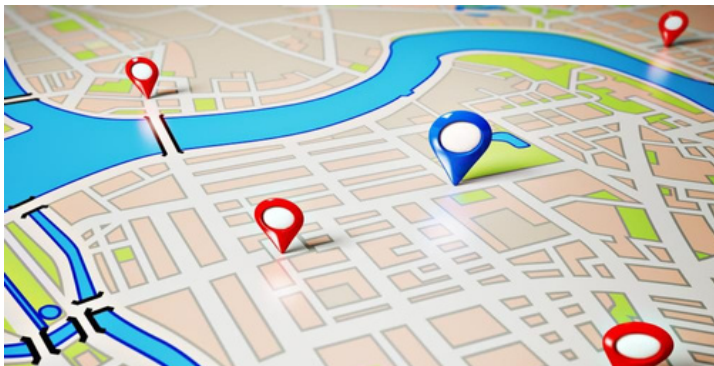
OVERVIEW

Ultra-rugged, long-life battery-powered GPS tracking device with up to 7 years battery life for long-term asset tracking, theft recovery, and more

APPLICATIONS

- Asset Tracking
- Theft Recovery
- Run Hours Monitoring
- Preventative Maintenance

DATASHEET



SMARTS

GEOFENCING

Create custom geofences and alerts if an asset enters or leaves specific locations.

IMPACT DETECTION

Configure impact-detection alerts when g-forces are exceeded by a user-defined threshold.

PREVENTATIVE MAINTENANCE

Set reminders based on distance traveled and run hours to reduce maintenance and repair costs.

PERIODIC OR MOVEMENT- BASED

Configure parameters to send updates based on set time intervals (1x, 3x, 5x a day, etc) or when movement occurs. Adaptive tracking technology detects when the device is on the move and increases the update rate, providing detail when you need it while conserving battery when stationary.

RUN HOUR MONITORING

Calculate run hours and distance traveled (odometer) to understand and optimize asset utilization.

THEFT RECOVERY

Switch to Recovery Mode in the case of theft or loss to activate real-time tracking at 30-second intervals for asset retrieval.

SLEEP MODE

Stationary devices enter sleep mode, switching the update rate to only twice per day until movement occurs to conserve battery life and optimize data usage.

TILT DETECTION

1-axis angle reporting, tip detection and rotation counting.

TECHNICAL SPECIFICATIONS

POWER

Batteries	3xAA Lithium (LiFeS2)
Battery Life	Up to 7 years of battery life at once-daily heartbeats/ 1 year battery life at once-hourly heartbeats
Sleep Current	<10 uA Average current in lowest power configuration

PHYSICAL SPECIFICATION

Dimensions	L 108 x W 86 x H 31 mm
Weight	101g
Housing	Ultra-Rugged Nylon Glass
IP Rating	IP67
Operating Temperature	-20°C to +60°C

COMMUNICATION

GPS	Concurrent GPS / GLONASS Internal Antenna
Cellular	Antenna Internal
Security	AES-256 Encryption from device to server
Integration	Third-Party Integration Webhook, TCP or HTTPS

PERIPHERALS

3-Axis Accelerometer	3-Axis Accelerometer to detect movement and high G-force events
Flash Memory	Store weeks of records if device is out of cellular coverage. Storage capacity for over 10 days of continuous 30-second logging.

WARRANTY

One year manufacturer’s warranty.



FEATURES



Locate vehicles and assets – whether you want to track a single asset or an entire fleet



See all routes and rides on the map, and a detailed timeline of everywhere the object you are tracking has been



Geofence, create or download individual virtual zones, which can trigger an alert when the object you are tracking approaches its destination, or is close to custom zones



Track temperature/humidity and driver behaviour for produce and animals when being transported



Roll over alert if one of your vehicles quads or bikes has rolled over accelerating help and medical assistance

Kingfisher Tracking Platform



OVERVIEW

By tracking and collating the data your assets generate, you can run operations more efficiently and improve the safety of your staff. The platform also allows you to control livestock location, recover lost equipment and keep products fresh and safe

