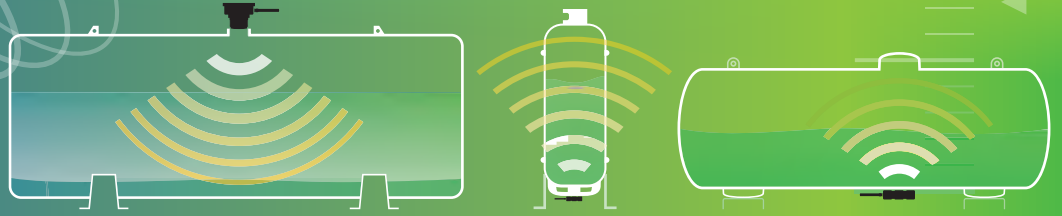




MOPEKA SATELLITE
BY MYRIOTA

ACCURACY ABOVE EVERYTHING



Mopeka® is the global leader in Sonar Tank and Cathodic Protection Monitoring. We understand that Accurate, Reliable and Realtime Tank Monitoring is Critical. Imagine your tanks containing Propane, Butane, Oil, Anhydrous, Water or any other liquid based commodity having an advantage above all others. You'll get that advantage with Mopeka's patented range of Tank Monitoring and Cathodic Protection Monitoring solutions. We harness the power of cutting-edge technologies to ensure you can quickly, easily and above all ACCURATELY monitor your pressurized and non-pressurized tanks in Realtime.

We offer solutions for Pressurized and Non-pressurized Tanks, from 20lb residential grills and RV tanks to industrial tanks over 90,000 gallons. With 95+ years of expertise in technology, engineering, and bulk commodities, we deliver smart solutions to optimize volume management and streamline supply chains.

Mopeka Satellite – Where Accuracy Meets Global Connectivity

Mopeka Satellite combines industry-leading tank and cathodic protection monitoring with next-generation 5G satellite connectivity, delivering accurate, reliable tank monitoring anywhere on Earth.

Gain real-time visibility across your assets — even beyond cellular coverage — with a solution built for scale, reliability, and operational efficiency.

With native 5G Non-Terrestrial Network (NTN) connectivity, long-life power options, and rugged design, Mopeka Satellite provides global asset visibility and precision tank intelligence. Unlock new efficiencies, reduce runouts, and improve supply chain performance with accurate, real-time data — anywhere your tanks are located.



Global connectivity via Myriota's 5G NTN



Engineered to survive submersion, impact, dust, and extreme temperatures



Up to 10 years battery life from 2xAA user-replaceable batteries



High-precision GNSS tracking for superior accuracy



Integrated accelerometer for movement alerts



Magnetic Mount



MOPEKA SATELLITE

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Mopeka Satellite is a fully autonomous, maintenance-free solution designed for long-term remote deployment, delivering up to 10 years of operation. More than a device, it provides reliable, real-time visibility into your assets—anywhere in the world.

- Global Coverage via 5G Satellite (NTN) – Reliable connectivity beyond terrestrial networks
- Engineered for Harsh Environments – Built for extreme temperatures, impact, dust, and submersion
- Flexible, Long-Life Power Options – Battery-powered configuration for multi-year deployment
- High-Precision Location Tracking – Integrated GNSS (~4m accuracy)
- Smart Monitoring & Alerts – Accelerometer-based movement detection and alerts
- Seamless Data Integration – Secure cloud APIs with JSON delivery
- Scalable Deployment – Designed for single sites to global fleets.

TECHNICAL SPECIFICATIONS	
Connectivity	Myriota HyperPulse™ 5G NTN (Satellite NB-IoT)
Coverage	Global, beyond terrestrial networks
Network Type	Direct-to-satellite, low-power wide-area (LPWA)
Location	GNSS positioning (~4 m accuracy)
Reporting Modes	Scheduled, event-based, movement-triggered
Message Handling	Store-and-forward with intermittent connectivity support
Sensors & Inputs	Integrated accelerometer; digital inputs for external sensors
Alerts	Movement detection, geofencing, exception-based alerts
Power Source	Long-life battery-powered
Battery Life	Up to 10 years (configuration dependent)
Power Optimization	Ultra-low power operation with adaptive reporting
Deployment	Rapid install; no wiring, external power, or antennas required

TECHNICAL SPECIFICATIONS	
Mounting Options	Magnetic or fixed mounting configurations
Environment	Outdoor, remote, and harsh environments
Ingress Protection	IP68 / IP69K rated
Durability	Impact, vibration, salt fog, humidity resistant
Operating Temperature	-40°C to +60°C
Dimensions	3.25 x 7 x 1.125 in (8.26 x 17.78 x 2.86 cm)
Weight	13.5 oz (385 g); 40.57 oz (1150 g) with mounting bracket
Certifications	FCC, CE, ATEX and global regulatory approvals
Hazardous Locations	Intrinsically safe options (Zone 0 / Class I Div 1)
Data Integration	Cloud platform with HTTPS / JSON API
Security	3GPP standards-based secure communication
Form Factor	Compact, rugged, low-profile design



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