



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 near 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, near 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



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

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



**MOPEKA PRODUCTS, LLC**  
 1223 Industrial Drive, Suite A  
 New Braunfels, TX 78130  
 OFFICE: 833.667.3521