



AssetHawk™

Intelligent, global asset visibility powered by native 5G satellite connectivity.



SKU

XAHP001

CATEGORY

Asset Tracking

CONNECTIVITY

Myriota HyperPulse™ 5G NTN

THE BUILDING BLOCK FOR SMARTER TRACKING

With built-in 5G satellite connectivity, long battery life, and rugged design, Myriota's AssetHawk delivers intelligent asset visibility anywhere on Earth. By combining high-precision location tracking with BLE sensor support and integrated tamper detection, AssetHawk monitors both the status and security of your assets. Unlock new markets, deploy faster, and boost your margins with an affordable, configurable tracker designed to scale and integrate seamlessly into your solutions.

RUGGED, RELIABLE, READY.

- Built-in 5G Non-Terrestrial Network connectivity delivers reliable global visibility - beyond the edge of terrestrial coverage and across borders.
- Compact, low-profile and battery powered design with flexible mounting options.
- Flexible configuration options, including adjustable transmit intervals, delivering a versatile solution for tailored, large-scale asset management.
- Tamper detection designed to identify unauthorised attempts to remove the device.
- Seamless integration of global location data into your analytics and visualisation platforms via a RESTful API.
- Reliable, 3GPP standards-based security using private, trusted data paths for superior resilience to disruptions and breaches.

KEY FEATURES



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



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



Optional Bluetooth® LE, capturing valuable asset condition data



High-precision GNSS tracking for superior accuracy



Integrated accelerometer for movement alerts

TECHNICAL SPECIFICATION

Connectivity

Satellite	Myriota HyperPulse 5G NTN-NB-IoT (Release 17 Compliant)
Satellite & Terrestrial Antennas	Internal
Bluetooth®	Bluetooth gateway reports nearby Bluetooth tags and sensors. Supports Eddystone frames and passive scanning for broadcast-only data capture

Location

Accuracy ^[1]	4m
Environment	Outdoor location tracking

^[1] Results vary based on real world conditions. Device configuration, installation, environmental conditions, augmentation services, and many other factors may lead to variations in positioning accuracy.

Batteries

Input Voltage	2.2V - 3.8V
User-Replaceable Batteries	2 x AA (Batteries not included)
Supported Battery Types	L91 Lithium (LiFeS2) – recommended for best performance Alkaline not recommended for long battery life
Battery Life Estimates ^[2]	Daily location reporting – 10 years Movement-based reporting – 5 years ^[3] Hourly location reporting – 1 year
Battery Status	Battery Voltage reporting

^[2] Battery life estimates are influenced by several factors, including temperature, device installation and orientation, the frequency of location updates, network coverage, and more.

^[3] Movement-based estimates are based on 2 hours of movement, occurring 5 days a week, with location updates every 5 minutes, uploads every 30 minutes and daily reporting when not in motion, using L91 Lithium batteries.

Onboard Intelligence

Configurable Reporting	Default reporting frequency of 6 hours stationary and 2 hours while moving. Can be configured in field with custom settings.
Adaptive Tracking	Device location reporting autonomously adapts between interval or movement based
Tamper Detection	Tamper mode available with configurable reporting intervals. Requires anti-tamper magnet from Myriota.
Sleep Mode	Between reporting intervals and when stationary, the device enters low-power mode to conserve battery life and data usage
Message Buffering	Store up to x10 messages for delayed reporting if connectivity is unavailable

Device Management

Firmware Updates	Update firmware via USB-C
Device Configuration	Update configuration via USB-C

Mechanical

Form Factor	Small and low profile, designed to blend into the deployment environment
Housing	Colour selection & white-labelling available. MOQs apply
IP Rating	IP68 / IP69K rated to survive the elements
Multi-Function Button	Button to activate and check the status of the AssetHawk
Status LED	Diagnostic LED for device status
Operating Temperature	-40°C to +60°C (-40°F to 140°F)
Onboard Temperature	Internal temperature reporting can be used as an indication of the ambient temperature
3-Axis Accelerometer	3-Axis movement detection

Installation

Magnetic Mounting	Purpose-built magnetic mount available, engineered for install simplicity and optimal satellite visibility. Contact Sales for specifications and pricing
Non-Magnetic Mounting	Mounting points for securing via screws, bolts, zip ties, and double-sided tape

Data Integration

Cloud API	Multiple HTTPS destinations are definable per device Data Format - JSON
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Warranty

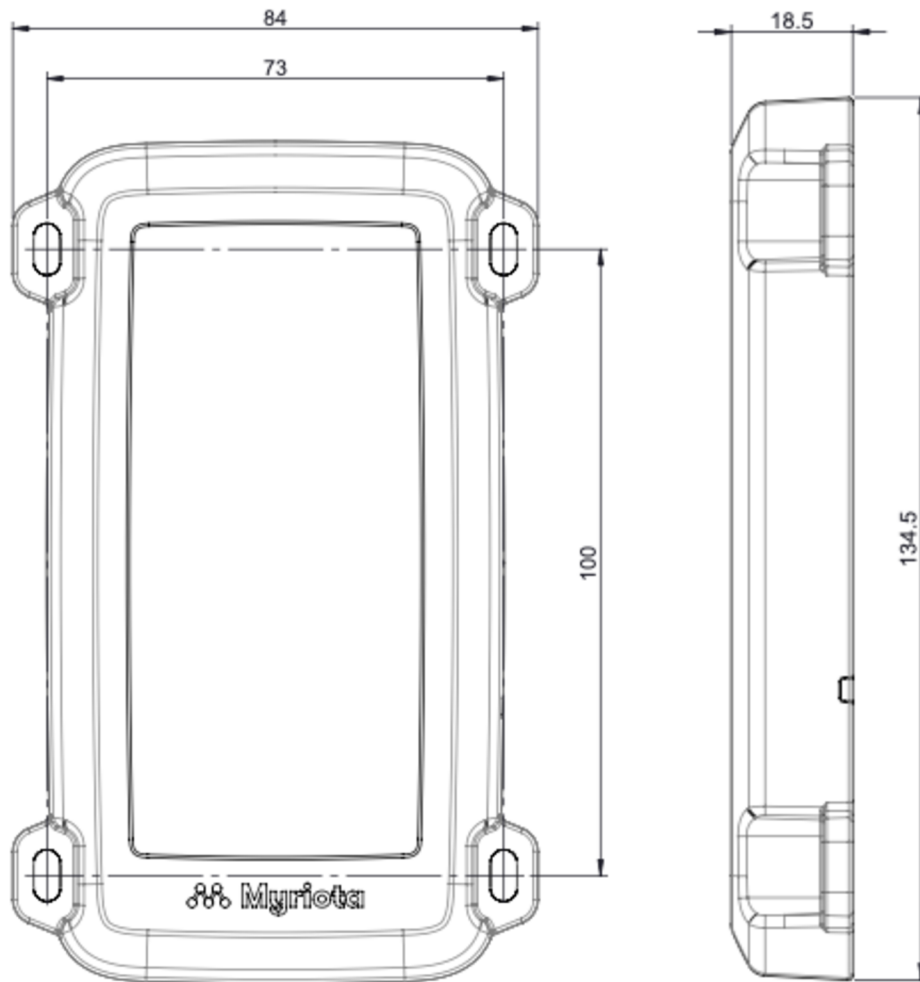
Manufacturer's Warranty	Two-year manufacturer's warranty
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Certifications

Device Type Approvals	FCC - United States IC - Canada ACMA - Australia CE - European Union Anatel - Brazil (Coming soon) ENACOM - Argentina (Coming soon)
Trade Agreements Act (TAA)	TAA compliant variant available

Dimensions

Size	134.5 x 84 x 18.5 mm (5.2 x 3.3 x 0.7 in)
Weight	0.15kg



Product Notice

Designs and specifications are subject to change without notice. Contact your sales representative if you have any questions or need further assistance.

Last updated April 2026