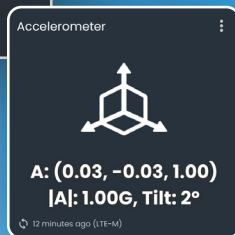


INCYT

Antares



Antares

Tracker, sensor and IoT gateway – all in one

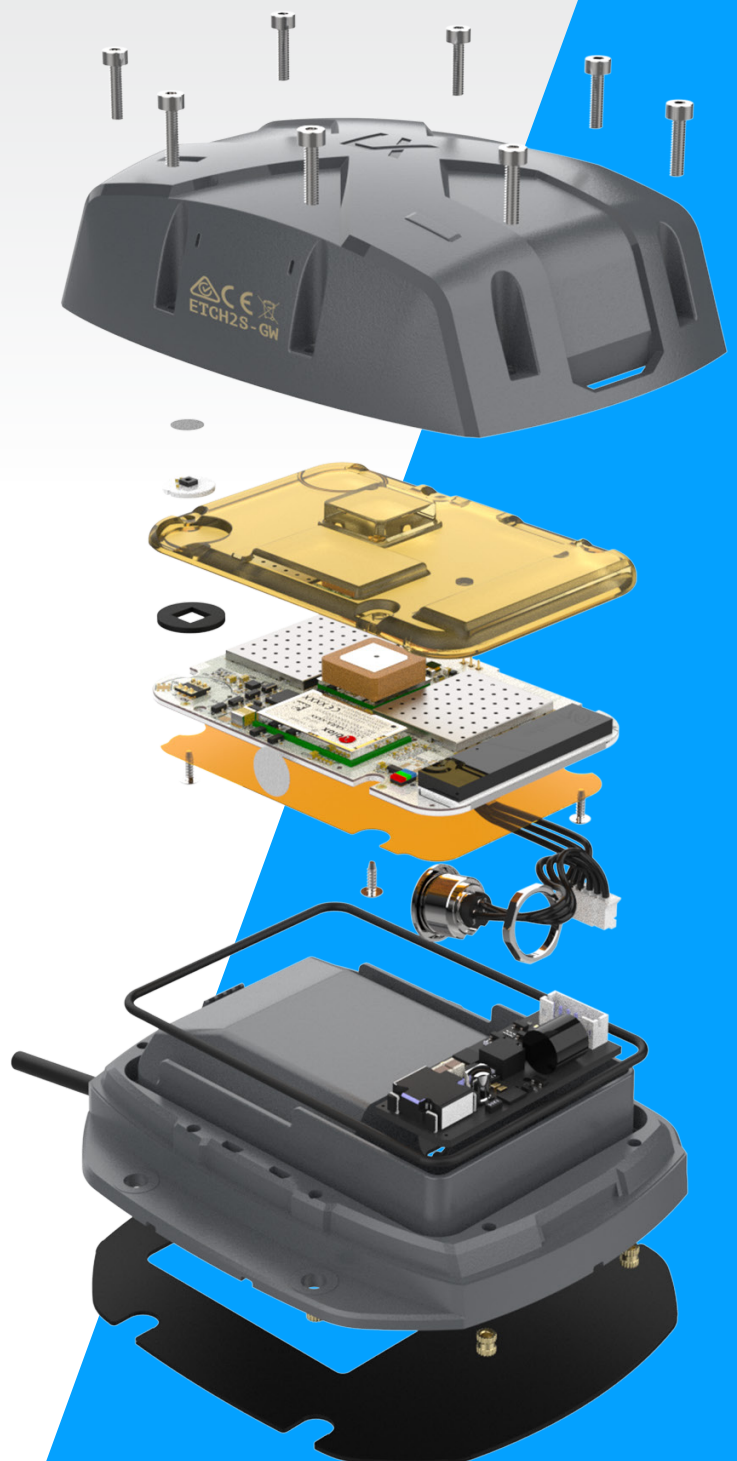
Antares is the device you want when you need network deployment, geolocation reporting, and condition monitoring all in one.

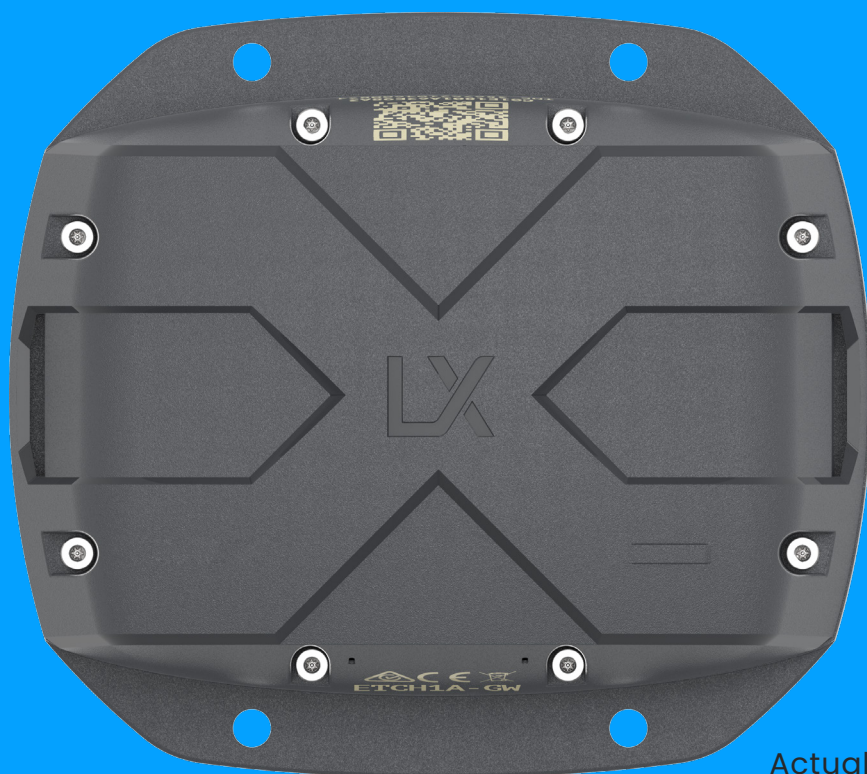
With the ability to deploy a machinery area network for beaconing devices like our Lyra, you can use Antares to create geofences, drive increased employee compliance and safety, or even monitor the condition of perishable goods on the move.

Applications

Gateway Function: Empowering Industrial IoT Applications in areas with limited Google mapping or weak LTE signal, including multi-storey buildings, hospitals, factories, and aircraft hangars.

Tracking Function: close to real-time vehicle tracking with BLE and device ID listening, enabling precise temperature and humidity monitoring in applications such as those with refrigerated shipping containers during transportation, or heavy vehicles in transit.





Actual Size

Antares at a Glance

- Military grade asset tracker
- Wall powered/solar powered/straight-to-battery (vehicle)
- Lightweight
- Robust
- IP68
- BLE listening
- Affordable, close to real-time tracking
- Environmental monitoring capabilities (SE+)
- Multiple profiles to suit your requirements that can be updated over the air
- Integrated global chip SIM
- INCYT geofence access

Key Use Cases

- Any assets that need to be tracked
- Aerospace ground assets
- Vehicles
- Powered trailers
- Network deployment



Why Choose Antares?

Antares is a rugged and robust, multi-functional tracker and gateway. This cutting-edge device empowers you with a range of capabilities. It excels at close to real-time asset tracking, seamlessly connecting direct-to-power sources or operating with solar power. Antares serves as a gateway, actively listening for all BLE embedded capability devices within our product range.

The Antares device offers a multitude of empowering features, including advanced

tracking capabilities, and a unique sense option. The latter option allows for precise measurements of ambient temperature and humidity, empowering you to harness accurate environmental insights.

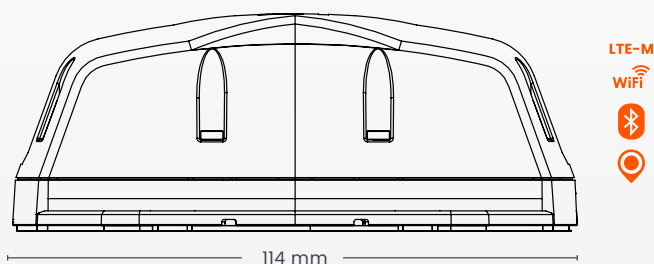
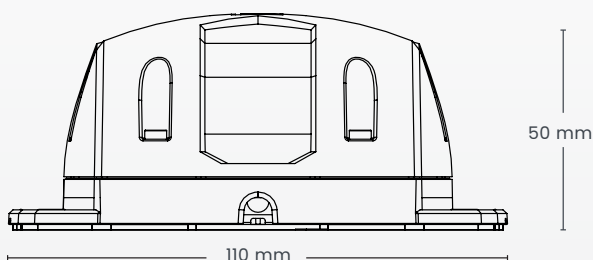
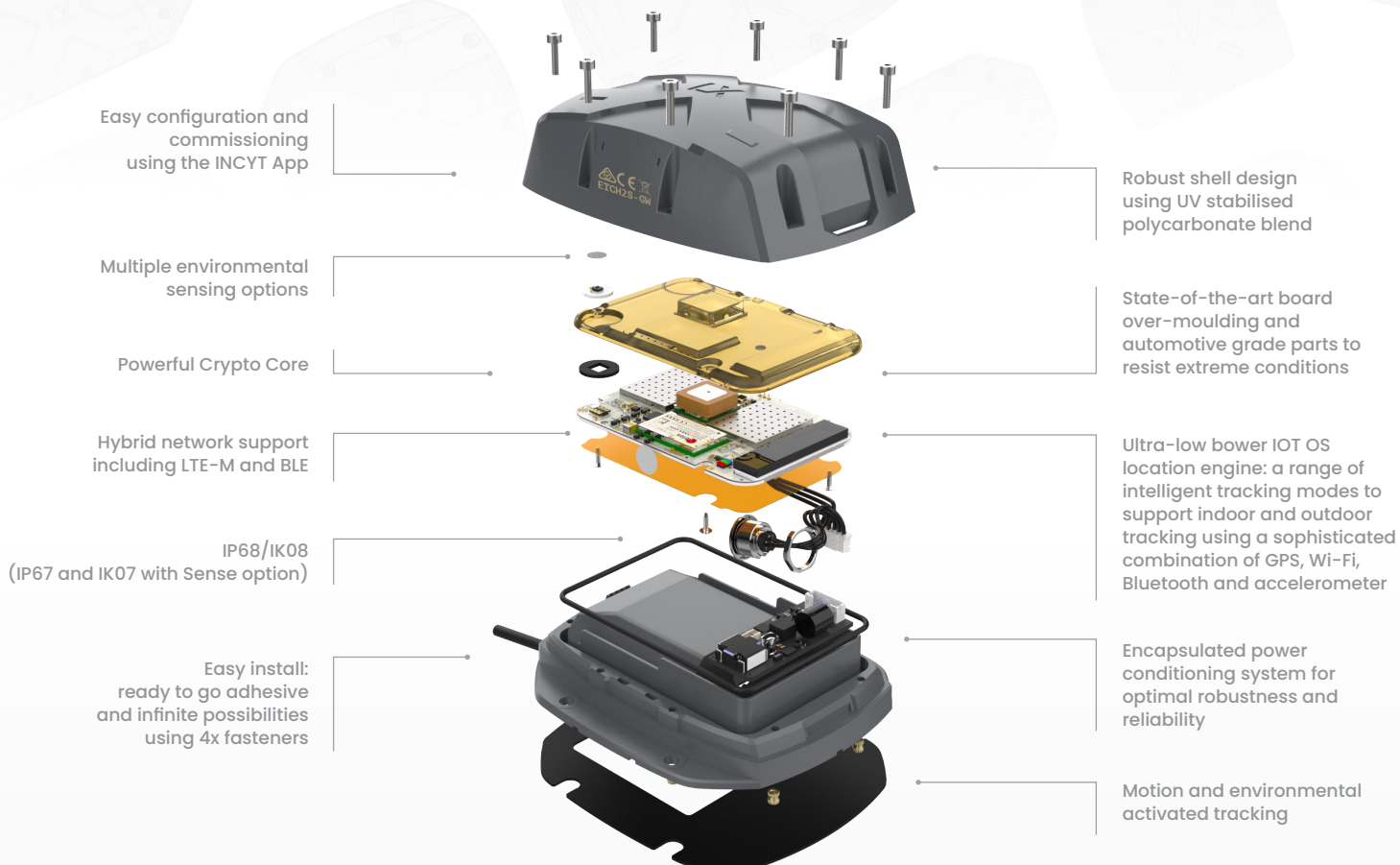
The Antares can be deployed indoor and outdoor, depending on your requirements.

Choose Antares for when you want network deployment, geolocation reporting, and condition monitoring all in one.

Reporting Plans available for Antares

Lite Plan	Standard Plan	Pro Plan	Unleashed Plan
<p>Low cost tracking and sensing with an Antares device.</p> <ul style="list-style-type: none"> • Geolocation, BLE Scanning and Data transmission every 12 hours and on motion start/stop • Internal sensors sampled every 4 hours • Runtime/Time-in-Motion Monitoring • Configurable in-app alarm notifications • 12-month data retention* • 1 x Antares <p><i>* as long as the plan is active for this Application</i></p>	<p>The INCYT Team recommendation for best balance between performance, update frequency and cost.</p> <ul style="list-style-type: none"> • Geolocation, BLE Scanning and Data transmission every 4 hours and on motion start/stop, and every 30 minutes while in motion • Internal sensors sampled every 1 hour • Runtime/Time-in-Motion Monitoring • Keep GPS warm for accurate probability of GPS location • Configurable in-app alarm notifications • Unlimited data retention* • 1 x Antares <p><i>* as long as the plan is active for this Application</i></p>	<p>Get frequent updates while keeping costs contained.</p> <ul style="list-style-type: none"> • Geolocation, BLE Scanning and Data transmission every 30 minutes • Internal sensors sampled every 30 minutes • Runtime/Time-in-Motion Monitoring • Keep GPS hot for optimal outdoor geolocation. • Configurable notifications in-app, by email and by SMS • Unlimited data retention* • 1 x Antares <p><i>* as long as the plan is active for this Application</i></p>	<p>Get updates as frequently as possible.</p> <ul style="list-style-type: none"> • Geolocation and Data transmission every 10 minutes • Internal sensors sampled every 5 minutes • Runtime/Time-in-Motion Monitoring • Keep GPS hot for optimal outdoor geolocation. • Continuous BLE Scanning. • Configurable notifications in-app, by email and by SMS • Unlimited data retention* • 1 x Antares <p><i>* as long as the plan is active for this Application</i></p>

* Recommended operating conditions for Andromeda: Battery life assumes the device is within LTE-M coverage at least 50% of the time in use. Please note transmission over satellite will incur additional latency. For optimal satellite communication performance, ensure device has clear line of sight to the sky.



Attributes

Radio	LTE-M/CAT, BLE 5, WiFi and GPS
SIM	Integrated global chip SIM supporting most LTE-M operators
Region	Multi region Cat M1/NB1 Supported bands: 2, 3, 4, 5, 8, 12, 13, 20, 28
Environment sensing	Temperature, Relative Humidity, Atmospheric Pressure, Orientation, Motion
Firmware upgrade	Via App and over BLE or Cellular
Battery / power	A/C Mains connector, Solar Power or Automotive engine*
Size	50 x 110 x 114mm
Weight	220g
Mounting options	VHB, Screws or Rivets
Enclosure Rating	IP68/IK08, (IP67/IK07 for models with Sensing Port*) * sensor port must be kept free of liquids and dust
Packaging	Single unit retail box
Temperature range	-10oC to +60oC (operational temp range -20oC to +80oC)
Certifications	CE, RCM, BT Sig
Accessories	Weather Shield, USB-C Power Cable, Manual Wiring Power Cable, Solar Kit (accessories to be purchased separately)

Ecosystem at a Glance

	LYRA	POLARIS
		
Description	A simple, robust BLE Beacon. Use with a listening device (Antares, Polaris, Andromeda) for asset tracking and ambient condition monitoring.	Track, sense and monitor with this rugged, battery powered LTE-M tracker. Affix to powered and unpowered assets.
Typical Applications	Great to keep an eye on multiple assets in a vicinity, or when in motion across a supply chain.	Great for tracking assets such as shipping containers, pallets and trailers as well as fixed install for facilities monitoring.
Networks		LTE-M   
Sensing	Temperature, Relative Humidity, Orientation	Temperature, Relative Humidity, Atmospheric Pressure, Orientation, Motion, Runtime, Light Detection*
Power	Sealed internal battery, ~ 7 years	Replaceable internal battery ² ~ 7 years
Dimensions and Weight	21 x 38 x 45 mm 36g	39 x 80 x 114 mm 300g
Enclosure Rating ⁴	IP68 (IP67 for sense version) IK08 (IK07 for sense version)	IP68 (IP67 for sense version) IK08 (IK07 for sense version)
Certifications ⁵	CE, FCC, RCM, BTSig	CE, FCC, RCM, BTSig

¹ Satellite link limited to device location updates and limited BLE gateway capabilities (up to 4x surrounding INCYT over-the-air Firmware updates and indoor geolocation are only available over the LTE-M link ² Battery replaced

³ Sold separately ⁴ Sensor port must be kept free from liquids and dust ⁵ Some certifications are still in progress, but

Note: WiFi and GPS technologies used as geolocations systems only

ANTARES



Deploy a machinery area network for Lyra devices and get high frequency tracking and condition monitoring with this externally powered device.

Ideal for creating geofences to record entry and exit of goods, for fleet vehicle tracking, in fixed installs for condition monitoring, and in combination with Lyra for monitoring goods in transit.

LTE-M  **WiFi** 

Temperature, Relative Humidity, Atmospheric Pressure, Orientation, Motion, Runtime, Light Detection*

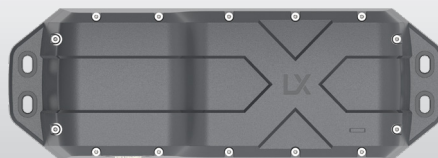
Externally power via IP68 connector – mains, automotive or solar kit power options³

50 x 110 x 114 mm | 220g

IP68 (IP67 for sense version)
IK08 (IK07 for sense version)

CE, FCC, RCM, BTSig

ANDROMEDA



The best of Polaris with an added direct satellite connectivity fallback to keep your system online even in the most remote locations.¹

Perfect for remote tracking in areas like mine sites, remote haulage routes, and land-to-sea tracking. Add to powered and unpowered assets for supply chain overview.

LTE-M   **WiFi** 

Orientation, Motion, Runtime

Replaceable internal battery²
~ 3 years

54 x 80 x 230 mm | 500g

IP68
IK08

CE, FCC, RCM, BTSig

BLE devices). Other features such as device activation, remote reconfiguration, by an INCYT approved trained technician
at all emissions and safety tests have been performed and passed

