INCYT

Polaris LTE-M Tracker

INCYT's most versatile tracker.

Experience the reliable tracking data INCYT can provide with this robust device. From fleet management to temperature monitoring, the Polaris can do it all.
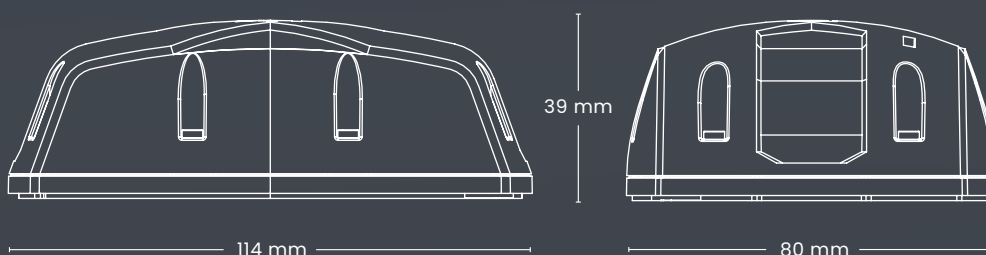
Simply scan your device to initiate it and add it to the INCYT dashboard, mount it using the provided bracket or adhesive, and the INCYT team will handle the rest. Polaris trackers can be paired with a number of different applications within the INCYT dashboard and act as a gateway for bluetooth devices.

This rugged and durable device is built from a super strong polycarbonate blend. Used in many different industries such as military, mining and logistics, it has no better fit than in agriculture by getting you real-time data from your fields and equipment right to your phone, tablet or computer.

Built to Last

Scan 'n Play

Track and Sense

Battery powered

Functionalities

With a long-lasting battery and a wide range of use cases; the Polaris is the Swiss army knife of the INCYT product range.

+ Fleet GPS tracking
+ Frost detection
+ Hay baling and storage condition monitoring
+ Pump runtime monitoring

+ Fence flood damage
+ Irrigation system motion detection
+ Animal trap monitoring, and much more

39 mm

114 mm

80 mm

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Other Key Attributes

Polaris uses LTE-M connectivity, ensuring coverage in remote areas. The device's accelerometer senses any movement, sending alerts for immediate action. The built-in GPS ensures you can track your assets even if they're moved.

Access historical data while your plan is active and, in addition to the alerts optimised for your specific purposes, choose the frequency you want regular updates reported to you. Only using your Polaris tracker at certain times of the year? Don't worry, simply hibernate your plan while the Polaris isn't in use to save costs and reactivate it when you need it!

Specifications

Radio	LTE-M, BLE, WiFi, GPS
SIM	Chip SIM (default)
Region	Multi region LTE-M Supported bands: 2, 3, 4, 5, 8, 12, 20, 28 (only certified for band 28 with Taoglass antenna)
Firmware upgrade	Via INCYT over cellular
Battery	Replaceable Industrial Lithium Thionyl Chloride primary battery pack
Typical behaviour	Continuously beaconing (every ~3s for 30s per minute), performing daily Wi-Fi scan, GPS lock, LTE-M upload and config check Sampling sensor data up to every 15 min
Location Sense	BLE Beacon and scan, WiFi Scan, GPS
Size + weight	39 x 80 x 114 mm, 300g
Enclosure Rating	IP68/IK08, (IP67/IK07 for models with Sensing Port*)
Mounting options	VHB tape + screw , cable tie, security bracket
Certifications	FCC, CE, RCM, BT Sig, UN38.3
Temp. range	Operational temperature range -20°C to 60°C
Accessories	Security Mounting Bracket, Weather Shield, Battery Replacement Kit