

Long-term, high-precision asset tracking

The Postrack pTag2 is an advanced GPS-tracking device built for long-term, reliable asset management. It can record up to 50 000 GPS positions over ten years without battery replacements, ensuring maximum uptime and operational efficiency. Designed by specialists, the pTag 2 meets the toughest industry demands and delivers top performance in various challenging environments.

The Postrack pTag2 is the ideal solution for long-term asset tracking across a wide range of environments. It offers unmatched battery life, precision, and rugged reliability. Whether you're monitoring containers, equipment, or other valuable assets, the pTag 2 ensures you never lose sight of what matters most.

KEY FEATURES AND BENEFITS

Efficient Performance

The pTag 2 can operate on a single battery charge for up to 10 years, delivering up to 50 000 GPS positions with a position update every 4 hours.

Cost-Effective

Reduced maintenance and battery replacement lead to lower total cost of ownership.

Easy Installation

Easily attach to any asset using magnets or self-drilling screws, requiring no special tools. Install in under 5 minutes, minimising asset downtime.

Rugged and Durable

IP67 Certified: This robust device can withstand harsh environmental conditions, including extreme temperatures and heavy rain, making it ideal for outdoor use.

High Position Accuracy

Delivers positioning accuracy to 2,5 metres, making it suitable for applications requiring precise location data. Automatically reports movement and stops, offering detailed travel paths and speed history.

Over-the-Air (OTA) Configuration

You can adjust firmware, report intervals, and movement sensitivity remotely via the management portal to ensure the device is always optimised.

Configure settings to match asset needs, further extending battery performance.



PTAG2 HARDWARE FEATURES

- Very long battery life. Up to 15 years.
- Rugged design. IP67: waterproof and operates from -45 to $+85$ °C.
- Battery life monitoring.
- Motion detection.

Technical specifications

PHYSICAL CHARACTERISTICS

Dimensions: 77 mm (W) x 43 mm (H) x 229 mm (L)

Weight: 754g

Mounting: Not to be mounted inside metal boxes or explosive areas; suitable for all other materials

BATTERY

Type: Lithium 3,6V, 52 Ah

GSM/GNSS COMMUNICATION

GSM: Multi-region LTE NB-IoT, LTE-M, EGPRS (850/900/1800/1900 MHz)

GSM Antenna: Internal

SIM: Micro SIM, eSIM

Cellular Module: u-Blox SARA-R412M, multi-slot class 33

RF Output Power:

LTE: Class 3 (23 dBm)

2G GMSK: Class 4 (33 dBm in 850/900 MHz), Class 1 (30 dBm in 1800/1900 MHz)

2G 8-PSK: Class E2 (27 dBm in 850/900 MHz), Class E2 (26 dBm in 1800/1900 MHz)

GNSS FEATURES

Satellite Systems: GPS + GLONASS

GNSS Module: U-Blox Max-8C

TTFF (Time to First Fix): 2 sec cold start, 1 sec aided start, 29 sec acquisition

Accuracy: < 2,5 m

Reacquisition Sensitivity: -160 dBm

Tracking Sensitivity: -166 dBm

ENVIRONMENTAL CONDITIONS

Operating Temperature: -40 to +75°C

Storage Temperature: -40 to +75°C

Ingress Protection: IP68 (immersion depth 14 000 mm for 14 days)

Altitude: 2 000 meters

CERTIFICATIONS

CE Approvals: Refer to "EU Declaration of Conformity Postrack"

DON'T MISS THE OPPORTUNITY

Book a meeting with a Postrack expert today, and we'll help you try Postrack risk-free.

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