

Patriot AGM



Patriot AGM is a state-of-the-art Above Ground Marker designed for autonomous pig tracking. It integrates seamlessly with modern pigging demands, providing reliable, accurate and real-time data through advanced communication technologies.

Key Features

- **Robust Tracking:** Utilises digital signal processing to ensure precise and false-alarm free passage information
- **Communication:** Supports cellular LTE, Satellite, Bluetooth
- **Real-Time Monitoring:** Streams live data to the cloud via PAT TRACK Dashboard and offers geophone audio streaming
- **Battery and Power Options:** Runs on 6 D cells alkaline batteries (other options available upon request) and external USB-C power, ensuring flexibility and prolonged use in the field
- **Storage:** Equipped with a 16 GB Micro SD card for internal storage
- **Temperature Range:** Operates reliably in temperatures ranging from -40°C to +85°C
- **Optional External Connectors:** Includes connectors for external geophones and electromagnetic antenna to enhance adaptability in various terrains
- **Bluetooth Range:** Provides connectivity over 90 metres with direct line of sight

Interested in hearing more about this, or other applications?
Contact our IK Trax specialists at:

IK Trax
T: +44 (0)1224 714714
E: Sales@iktrax.com

Patriot AGM

Applications

Pig Tracking: Ideal for tracking pigs fitted with EM transmitters, permanent magnets or acoustically with a geophone input

Data Analytics: Provides comprehensive control and decision making support through real-time insights, analytics and historical data visualisation

Software Suite

PAT-Mobile: Allows configuration and real-time data streaming via mobile devices

PAT Track Dashboard: Offers a web-based portal for real-time and historical data access



PRODUCT SPECIFICATION

Dimensions	Height 25.4cm (10") Width13.97cm (5.5")
Battery Life	168 hours in active mode, over 500 hours in low power mode
Batteries	6 D cells alkaline batteries (other options available upon request)
External Power	USB C
IP Rating	IP67
Internal GPS	3m accuracy
Geophone	Box equipped with internal geophone
EM Antenna	Box equipped with EM antenna
External Geophone	Box support external geophone when needed
External coil	Box support external antenna when needed
Detection Devices	EM transmitters (10-30Hz), magnets and geophone
User Interface	Web-based software and Android application

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