

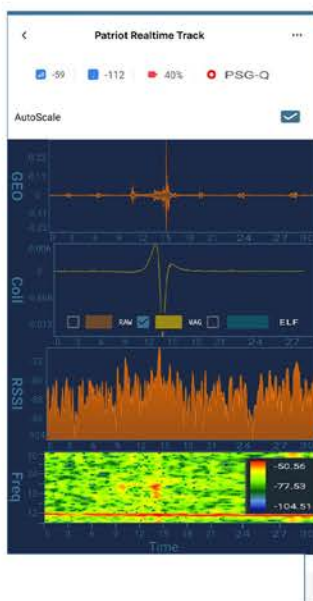
PRODUCT DATASHEET : **PATRIOT AGM**

OVERVIEW

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

KEY FEATURES

- **Robust Tracking:** Utilizes 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 4 C cells, 4 D cells, or 6 D cells alkaline batteries (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 $+85^{\circ}\text{C}$.
- **External Connectors:** Includes connectors for external geophones and EM antenna to enhance adaptability in various terrains.
- **Bluetooth Range:** Provides connectivity over 300 feet with direct line of sight.



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APPLICATIONS

- **Pig Tracking:** Ideal for tracking pigs 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 visualization.

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.



SPECIFICATIONS

- **Dimensions :** Height 9 inches, Width 5.5 inches.
- **Battery Life :** 168 hours in active mode, over 500 hours in low power mode.
- **Batteries :** 4c cells, 4d cells, 6d cells alkaline batteries (upon request).
- **External Power :** USB C
- **Internal GPS :** 3m accuracy.
- **Geophone :** Box equipped with Internal Geophone.
- **EM Antenna :** Box equipped with Internal EM Antenna.
- **External Geophone :** Box support external geophone when needed.
- **External Coil :** Box support external antenna when needed.
- **Devices Detected :** 10-30 Hz EM frequencies, magnets and geophone passages.
- **User Interface :** Web-based software and Android application.

PATRIOT AGM
WHEN QUALITY AND SAFETY MATTERS

MISSION STATEMENT

At PigRun Solutions, our mission is to collaborate closely with clients to advance pipeline pig tracking and communication technologies, ensuring enhanced safety and efficiency.



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