



# PEGASUS DIGITAL RECORDER DATA ACQUISITION SYSTEM

The foundation of a new ecosystem for portable broadband and passive node deployments

The Pegasus digital recorder is a highly portable, low-power and mobile integrated seismic acquisition system that delivers an intuitive, efficient workflow with a fast and reliable data delivery system that ensures a complete data set.

The Pegasus digital recorder provides high fidelity data acquisition tailored to the needs of portable monitoring campaigns. The power consumption of <200 mW represents a reduction of 60% for a typical sensor and digitizer station. With the small size, weight and power (SWaP) of Pegasus, you can deploy more stations for a longer period of time with less investment.

## From Experiment Design to Publishing

### Ultra-low Size, Weight and Power

The exceptionally low power consumption of Pegasus significantly reduces battery requirements, overall station size and weight allowing for the efficient deployment of more stations for a longer period of time.

### Modular and versatile

The modular nature opens up broad choices in battery chemistry and sensor technologies, facilitating transport logistics and matching station design to the needs of the science.

### Easy-to-Use

Whether you are working with a handful of units or many hundreds, well-designed friendly and intuitive workflows for all scenarios allow even the most inexperienced operator to work with confidence.

### Quick to configure, deploy, retrieve data, process and publish

Boot time in less than 10 seconds and intuitive responsive Apps make configuration and deployment fast and fail-safe. Data recovery is via lightning-fast USB 3.0, where one month of data can be seamlessly downloaded ready for processing in under 10 seconds.

### Complete ready-to-process data

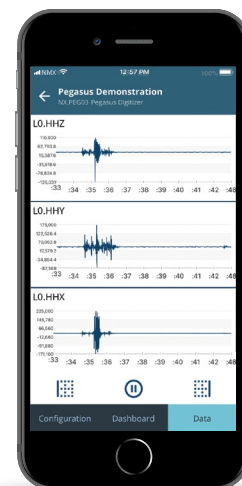
Ready-to-use data is delivered in MiniSEED format along with StationXML metadata and comprehensive project audit information, such as field notes and photos.



## Any Sensor, Density or Duration

Flexible and modular, the Pegasus digital recorder supports single, dual or 3-component analog sensors including:

- Broad support for broadband seismometers
- Geophone sensors
- Strong motion accelerometers
- Microbarometers
- Meteorological Sensors



*iOS and Android applications connect seamlessly over Bluetooth to provide the primary field interface for the Pegasus digital recorder.*

