

F280 Series® Data Logger

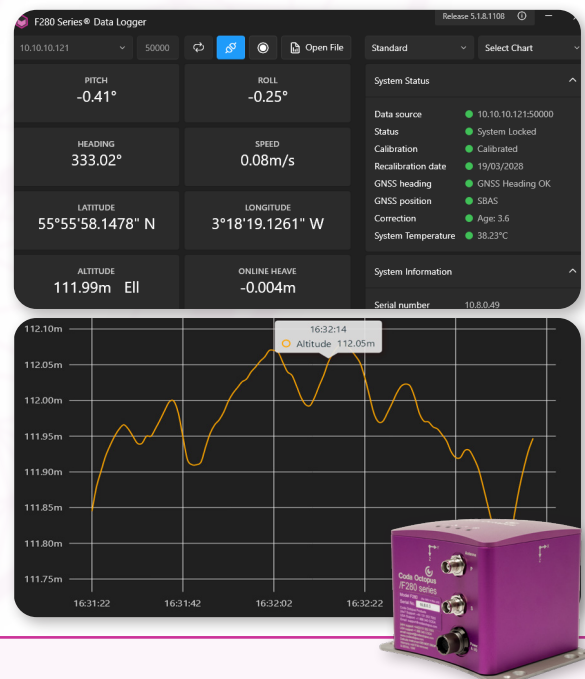
Monitor. Visualize. Capture. Enhance

Data Logger Allows you to Receive, Display and Log its Native COMPAC MOTION Data.

The F280 Series® Data Logger is a companion software product for the Coda Octopus F280 Series® GNSS-aided Inertial Navigation Systems. While F280 Series® devices can output data in numerous industry-standard formats for consumption by any software solution, F280 Series® Data Logger allows you to receive, display and log its native COMPAC data message, ensuring that all available information is accessible and retrievable.

- **MONITOR** - F280 Series® Data Logger displays the F280 status information allowing users to QC key status indicators including the calibration state and corrections status to ensure the system output is accurate during survey operations
- **VISUALIZE** - Real-Time data visualization of all of the available MOTION data using intuitive graphs and charts for live diagnostics.
- **CAPTURE** - Record the COMPAC format data to allow replay and analysis in Data Logger, and export to CSV for third-party applications.
- **ENHANCE** - Generate iHeave files to improve online heave MOTION component.

F280 Series® Data Logger is an ideal tool for Quality Control and Assessment during Hydrographic Surveying and Mapping or Operations where positional accuracy is essential.



Some of the benefits provided by F280 Series® Data Logger are:



Real-Time MOTION Data Capture

Log live MOTION data directly from the F280 Series® for immediate monitoring and analysis



iHeave Logging Compatible with HYPACK™

Generate iHeave CSV Files in a format fully compatible with HYPACK™ workflows.



Data Replay for Diagnostics

Replay previously logged datasets to support troubleshooting, validation and system diagnostics



Real-Time and Replay Graphic

Visualize MOTION data through live or replayed graph plots for clearer insight into system behaviour



CSV Motion Data Export

Record MOTION Data in standard CSV Format to simplify diagnostic review and external analysis

Inputs	F280 Series® (Models F275/F280®/F285/F290)
Outputs	COMPAC Format - F280 Series® Standard Data Format CSV Format - User selectable for import and processing in Coda Octopus Underwater Survey Explorer, USE PIPE CORE, 4G USE® and industry standard 3rd party survey processing software
Processor	CPU Dual Core 2.5 GHz or equivalent
Memory	4 GB RAM
Operating System	Windows® 11 (64-Bit)
Free Disk Space	200 MB for installation; SSD for faster processing