| | ULTRALITE | ACOUSTIC | SURVEY | LITE | OFFICE | SUBBOTTOM | MAX | HYSWEEP® | HYSWEEP® OFFICE | MAX & HYSWEEP® | SURVEY & HYSWEEP® | OFFICE & HYSWEEP® OFFICE | DREDGEPACK® | MARINE SEARCH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HYPACK® SHELL | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| GEODETIC UTILITIES | + | + | + | + | + | + | + | + | + | + | + | + | + | – |
| LINE PLANNING & PREPARATION EDITORS | + | – | + | + | + | + | + | – | – | + | + | + | + | + |
| CHANNEL DESIGN | – | – | + | + | + | – | + | – | – | + | + | + | + | – |
| SURVEY | + | – | + | + | – | + | + | – | – | + | + | – | – | + |
| NAVIGATION & VESSEL POSITIONING | + | – | + | + | – | + | + | – | – | + | + | – | + | + |
| REMOTE VIEWER | – | – | + | + | – | – | + | – | – | + | + | – | + | + |
| AIS SUPPORT | – | – | + | + | – | – | + | – | – | + | + | – | + | – |
| TIDE & SOUND VELOCITY CORRECTIONS | + | – | + | + | + | – | + | – | – | + | + | + | + | – |
| SINGLE BEAM EDITOR | + | – | – | + | + | – | + | – | – | + | – | + | – | – |
| SOUNDING SELECTION | – | – | – | + | + | – | + | – | – | + | – | + | – | – |
| EXPORT PROGRAM | + | – | – | + | + | – | + | – | – | + | – | + | + | – |
| HYPLOT | – | + | – | – | + | + | + | – | – | + | – | + | + | – |
| CROSS SECTIONS & VOLUMES | – | – | – | + | + | + | + | – | – | + | – | + | – | – |
| TIN MODEL (32 & 64 bit) | – | – | – | – | + | + | + | – | – | + | – | + | + | – |
| CLOUD (32 & 64 bit) | – | – | – | + | + | – | + | + | + | + | + | + | – | – |
| 3D TERRAIN VIEWER | – | – | – | + | + | – | + | – | – | + | – | + | + | – |
| MAGNETOMETER & ADCP COLLECTION | – | – | + | + | – | – | + | – | – | + | + | – | – | – |
| MAGNETOMETER EDITOR | – | – | – | + | + | – | + | – | – | + | – | + | – | – |
| ADCP EDITOR | – | + | – | + | + | – | + | – | – | + | – | + | – | – |
| SS COLLECTION / SS REAL-TIME MOSAIC | – | – | + | + | – | – | + | – | – | + | + | – | – | + |
| SSS MOSAIC & TARGETING | – | + | – | – | + | – | + | – | – | + | – | + | – | + |
| GEOCODER (32 & 64 bit) | – | + | – | – | + | – | + | + | + | + | + | + | – | – |
| SUB-BOTTOM COLLECTION | – | – | + | + | – | + | + | – | – | + | + | – | – | – |
| SUB-BOTTOM PROCESSING | – | + | – | – | + | + | + | – | – | + | – | + | – | – |
| MULTIBEAM AND LIDAR COLLECTION | – | – | – | – | – | – | – | + | – | + | + | – | – | – |
| MULTIBEAM AND LIDAR PROCESSING | – | – | – | – | – | – | – | + | + | + | + | + | – | – |
| MULTIBEAM CALIBRATION (PATCH TEST) | – | – | – | – | – | – | – | + | + | + | + | + | – | – |
| MULTIBEAM PERFORMANCE TEST | – | – | – | – | – | – | – | + | + | + | + | + | – | – |
| REAL-TIME POINT CLOUD | – | – | – | – | – | – | – | + | – | + | + | – | – | – |
| WATER COLUMN COLLECTION | – | – | – | – | – | – | – | + | – | + | + | – | – | – |
| WATER COLUMN PROCESSING & PLAYBACK | – | – | – | – | – | – | – | + | + | + | + | + | – | – |
| ROV & AUV SUPPORT | – | – | – | – | – | – | – | + | + | + | + | + | – | – |
| ANCHOR & TUG MANAGEMENT | – | – | + | + | – | – | + | – | – | + | + | – | – | – |
| ENC EDITOR | – | – | + | + | + | – | + | – | – | + | + | + | – | – |
| DATA CONVERTER FOR 3rd PARTY FILES | – | + | – | – | + | – | + | + | + | + | + | + | – | – |
| MULTI LANGUAGE SUPPORT | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**HYPACK® ULTRALITE:** A cost-effective and simple single beam software package designed for basic data editing for non-hydro applications. Support of numerous single beam systems from the industry's leading manufacturers. It features survey design and real-time navigation. Analyze and edit single beam data in the SBMAX editor.

**HYPACK® ACOUSTIC:** The data processing programs for side scan, sub-bottom and ADCP data collected using either HYPACK® or the manufacturer's software. It does not include support for data collection.

**HYPACK® SURVEY:** A lower cost package for survey design and single beam data collection. It does not include the programs for editing the data or for generating final products. You still need a HYPACK® MAX, HYPACK® LITE or HYPACK® OFFICE license to process your data. It can be used for single beam data collection on additional survey vessels.

**HYPACK® LITE:** Our single beam package, designed for users who perform their final product work in a CAD-GIS package. It contains all of the programs necessary to design your survey and collect the dataset, then process and export it into your CAD-GIS package.

**HYPACK® OFFICE:** The 'office' version of HYPACK® MAX. All of the features of the Hypack Max package are enabled except data collection. You can process all of the data in your office (except multibeam and LiDAR).

**HYPACK® SUB-BOTTOM:** A standalone package for sub-bottom profiler data acquisition and processing only. It includes survey planning through final products.

**HYPACK® MAX:** Our standard package. Contains all modules for survey design, single beam data collection, single bream processing, and final products. Final products may include contours, plotting sheets, output for CAD, fly-through views, cross sections and volumes calculations. The side scan, sub-bottom, ADCP and magnetometer data collection and processing modules are standard features of HYPACK® MAX. You can add a HYSWEEP® license to include the modules for multibeam and LiDAR data collection and processing.

**HYSWEEP®:** The module for the collection and processing of multibeam, backscatter, LiDAR, and water column data. HYSWEEP® requires a HYPACK® license (above). As you move from single beam to multibeam surveying, you can just upgrade the package to multibeam by purchasing a HYSWEEP® license add-on, or add a separate HYSWEEP® key.

**HYSWEEP® OFFICE:** A package containing all necessary programs for the processing of multibeam bathymetry, backscatter, LiDAR and water column data.

**HYPACK® MAX and HYSWEEP®:** The full package. Everything you need to design your survey, collect datasets, process data, and generate final products. Supports multibeam, single beam, LiDAR, side scan, ADCP, sub-bottom profilers, and magnetometers.

**HYPACK® SURVEY and HYSWEEP®:** The recommended combination when outfitting a multibeam survey vessel or USV. It can log any kind of data, including the MB/LiDAR. It does not include support for data processing.

**HYPACK® OFFICE & HYSWEEP® OFFICE:** This combination is recommended for your office. It enables you to design your project, process single beam and multibeam bathymetry, as well as LiDAR data sets, all of the way to the final products.

**DREDGEPACK®:** A software for dredging control on cutter suction, hopper, excavator and bucket dredges. Improve efficiency and monitor the digging operations. DREDGEPACK® provides you with the design tools to accurately model almost any dredge plan. Real-time, cross sectional profiles show you the 'As Dredged' and 'As Surveyed' surfaces. This is not a package for hydrographic surveying.

**HYPACK® MARINE SEARCH:** An easy-to-use software for side scan operations. It helps locating targets. The software will track and display the position of the vessel and create a side scan mosaic of the seabed. The real-time display provides all information to quickly assess the site.