

MS 1000 Processing Software – Feature Comparison Chart

Features	MS 1000 Express	MS 1000 Standard
Telemetry Interface		
RS232/RS485	X	X
USB	X	X
Ethernet	X	X
ROV HUB		X
Sonar Head Support		
Single altimeter	X	X
Single sonar head (excluding high-resolution)	X	X
High-resolution head		X
Multiple sonar head operation		X
Multiple device synchronization		X
Sonar Head Operation Settings		
Panel gain	X	X
Range	X	X
Scan width and heading	X	X
Scan speed	X	X
Transmit power	X	X
Frequency (fixed and tuneable)	X	X
Transmit pulse type (CW, LFM)	X	X
Baud rate	X	X
Scan mode polar	X	X
Scan mode sector	X	X
Scan mode side-scan		X
Scan mode echo-sounder		X
Pulse length		X
Bandwidth		X
Time varying gain (TVG)		X
Peak detection		X
Compression		X
Target Tracking		X
Profiling and data exporting		X
Sonar Display Settings		
Colour palette selection	X	X
Grids, cursors and annotations	X	X
Multilingual user interface	X	X
Slant range correction		X

Features	MS 1000 Express	MS 1000 Standard
Tools		
Measurement tools	X	X
Remote keypad	X	X
Snap shot (BMP, JPG, PNG, TIF)	X	X
True zoom		X
Event marker		X
External Sensor Support		
NMEA standard sensor (GPS, compass, MRU, etc.)	X	X
Valeport® MIDAS CTD sensor		X
Track Plotter Survey features		
Helmsman display		X
Survey line planning		X
Survey area coverage display		X
Survey map/chart planning		X
GeoTIFF importing		X
Coordinate projection and datum shift		X
Sonar location coordinates calibration		X
Event marker recording and replay		X
Maintenance		
Program sonar factory baud rate	X	X
Upgrade sonar firmware	X	x
Factory reset of settings	X	X
Data recording and playback	X	X
Error message log window and file	X	X
Multiple user operation		X
Optional Features		
3D profiling		X