

MESOTECH MS1000 SOFTWARE AND DONGLE



GENERAL DESCRIPTION

Kongsberg Simrad Mesotech MS1000 is designed to convert any standard PC platform into a full-function sonar system without the use of additional boards or hardware.

Key Features

- Data storage to hard drive or any device supported by the operating system
- Multiple sonar head and profiler operation
- Data logging capability for both sonar heads and external sensors
- Ping synchronisation and display fusion of profile data
- External data input or output through the serial ports
- Target measurements tools and detailed annotation
- Flexible user interface structure



**Making
technology
work for you!**

OCEANSCAN LIMITED
DENMORE ROAD, BRIDGE OF DON, ABERDEEN,
SCOTLAND, U.K., AB23 8JW
TEL; +44(0)1224 707000, FAX: +44(0)1224 707001
Email: rental@oceanscan.co.uk, Website: www.oceanscan.co.uk
Accredited to BS EN ISO 9001:2000

MESOTECH MS1000 SOFTWARE AND DONGLE

Technical Specifications

Title	Value
Minimum System Requirements	IBM or compatible PC with 486 DX, 60 MHz, 16 Mb of RAM (single head operation), Windows 95 and Spare Com port
Video Format	Platform dependent; SVGA recommended
Image	Dedicated image area for each sonar head; size / position configurable
Palette	Menu Selectable
Sonar Control	Pull down menus for configuring and control of sonar system
Status Readout	Alphanumeric display of cursor positions, range, gain, mode settings
Sensor Readout	Alphanumeric display of position data, sensor outputs
Gain	Menu adjustable, infinite settings
Range	Menu adjustable; 5-500 meters
Sector	Width Adjustable from 7.2 degrees to 360 degrees in 7.2 degree steps
Sector Centre	Adjustable from 0 - 360 degrees in 0.9 degree steps
Cursors	Selectable by pointing device; 2 general purpose
Zoom	x 2, x 4
Magnifier	x 1 to x 10
Menu Controls	Menu driven control system for display mode, scan speed, scan reverse, threshold, speed of sound, serial I/O, profile or image selection, baud rate selection.
Data Recording and Playback	Imaging, profile and sensor data storage to hard drive or other PC device bitmap snapshots to disk.
Measurement Tools	Detailed annotation, cursors, tape measure, target area, target height
Printer	Out to any printer recognised by operating system
Telemetry	RS 232, RS 485, RS 422
Telemetry Rates	Down link: 9600 Uplink Selectable: 9600, 19k, 38k, 57k, 115k bit/s
Power Requirement	Platform dependent
Temperature Range	Platform dependent
Navigation Input	NMEA 0183 Format (232 levels)
Sensor Interface	RS232



**Making
technology
work for you!**

OCEANSCAN LIMITED
DENMORE ROAD, BRIDGE OF DON, ABERDEEN,
SCOTLAND, U.K., AB23 8JW
TEL; +44(0)1224 707000, FAX: +44(0)1224 707001
Email: rental@oceanscan.co.uk, Website: www.oceanscan.co.uk
Accredited to BS EN ISO 9001:2000