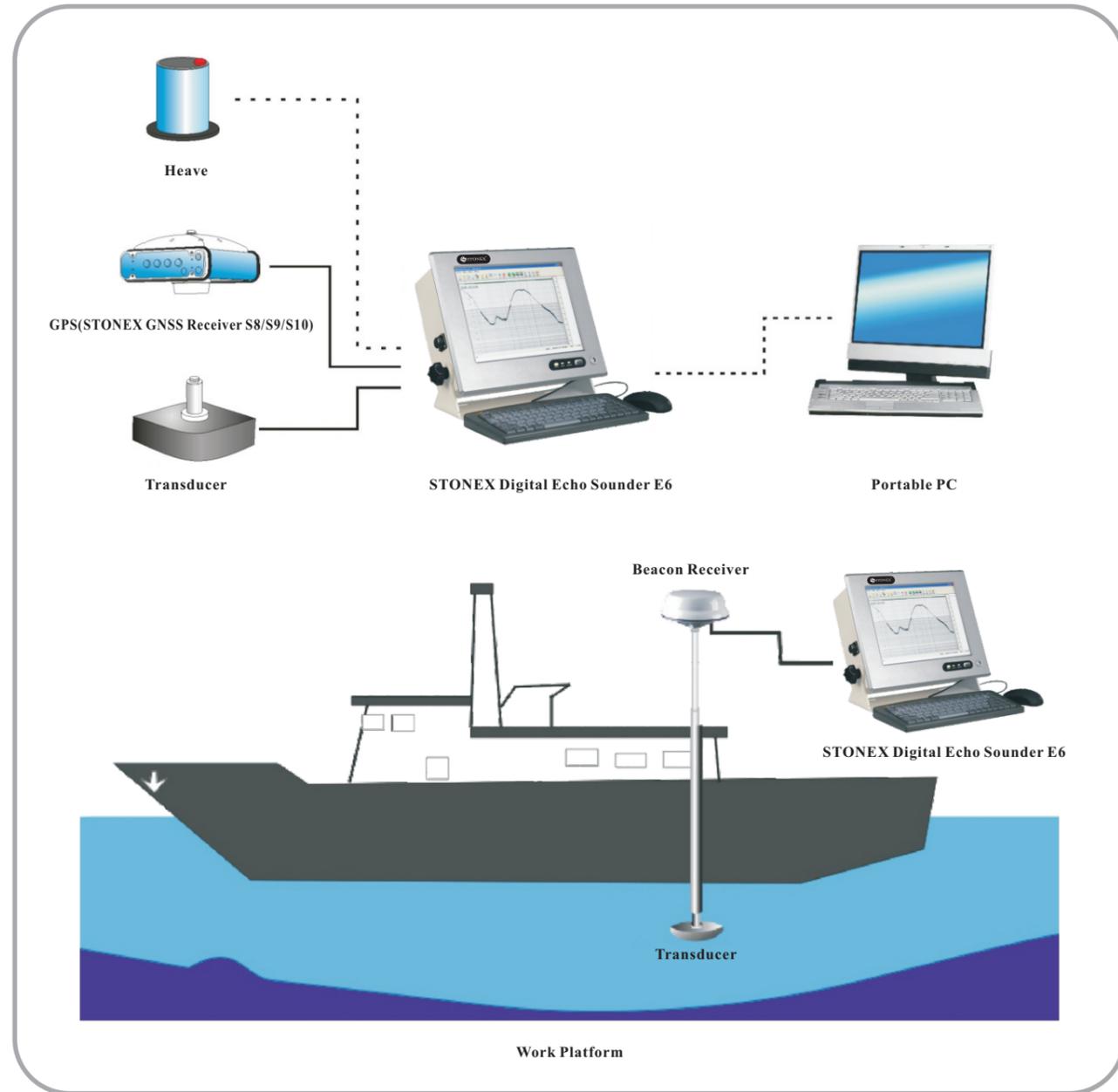


APPLICATION

- Hydro-graphic surveying
- Scientific investigations
- Dredging: pre-survey, monitoring, evaluation



STONEX E6 INTEGRATED HYDROGRAPHIC ECHO SOUNDER

STONEX LIMITED
5th floor, 86 Jermyn street London SW1Y6AW
United Kingdom
info@stonexsurveying.com
www.stonexsurveying.com

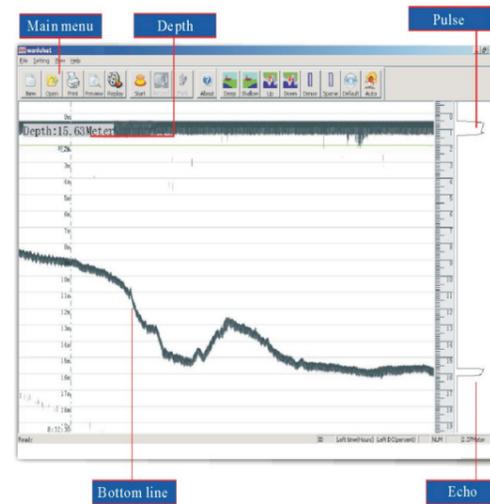




Stonex Echo Sounder E6 Integrated Hydrographic Echosounder

Feature

- Aluminium shell, compact configuration, excellent vibration resistance, high stability, suitable for high demand conditions on water.
- IP 67 waterproof and dust proof more suitable for deck operation.
- Outstanding performance with built-in industrial-grade platform, a comprehensively upgraded mainstream notebook configuration.
- High-speed processing technique using a DSP chip, ensures reliable waveform and depth. High sampling density and fast sampling rate.
- Auto-controlled the pulse width, gain, power and gear, simple interface and easy operation via the software.
- Protected Hard drive and One Key Recovery provides a double security system.
- Excellent compatibility, working with any GNSS receiver, installing and running any SCKD softwares, output multiple bathymetric data formats and connect similar softwares.
- Unique AGC and VTG function makes a more stable and accurate depth data.
- Better tracking mode in shallow water.
- With strong low-frequency penetration, E6 clearly distinguishes the mud layer from the real water bottom.



Technical Specification:

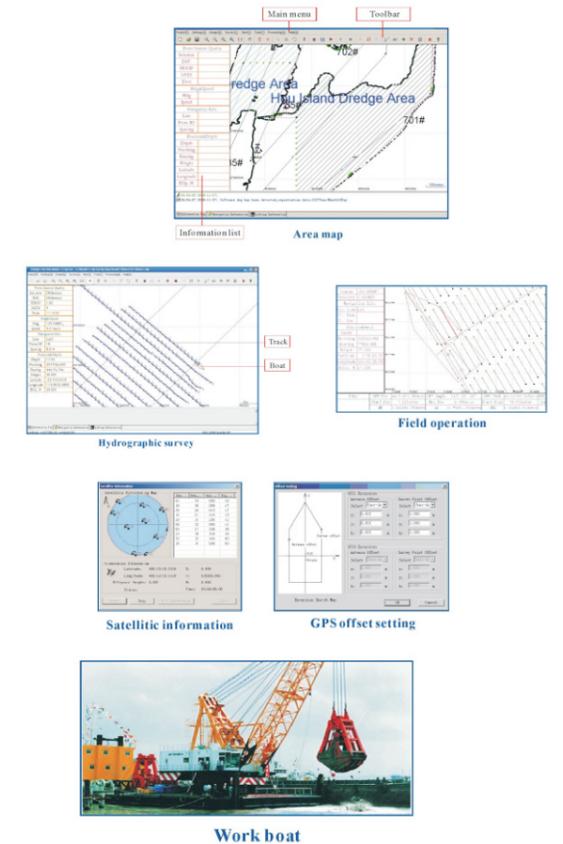
- Frequency: 200 kHz
- Beam angle: 7°
- Output power: 500W
- Depth range: 0.3~600m
- Depth: 0~9.9m
- Sound speed: 1300m/s~1700m/s
- Depth resolution: 0.01m
- Accuracy: $\pm 1\text{cm} \pm 0.1\%D$
- Gain control: AGC and TVG,
- Output format: NMEA 0183, DESO 25, SOUTH, 13D
- Power supply: +9~18VDC, 110~265VAC, 47~63HZ (12V Lead Acid battery applicative)
- Operation conditions: -30°C~60°C
- Weight: 7.5kg



NAVIGATION SURVEY SOFTWARE

Unique Feature:

- Ideal for use in all hydro-graphic survey projects.
- High performance and easy operation.
- High resolution; high accuracy and high reliability.
- Developed on Microsoft Visual Studio 6.0.
- Excels in every aspect and includes all the features found in similar software plus many more.
- Powerful function; receiving GPS information, navigation, orientation, planning lines, saving information data.
- Interfaces with most GNSS receivers echo sounders and digital compass.
- Extensive service and warranty and backed by technology support making your projects successful.



Operational Areas:

Depth survey, channel design, maritime exploring, haven navigation, pre-and post-dredging, monitoring, evaluation, scientific investigation.

STANDARD CONFIGURATION

1	E6	Echo sounder system, windows XP, touch screen	1
2	ET6	Transducer for echo sounder E6	1
3	ET6AP	Adapter pole for transducer	1
4	ESPC	Serial port cable	1
5	CPW2	Power supply cable for 220V AC	1
6	CPW1	Power supply cable for 12V DC	1
7	CPWK1	Plastic keyboard with cable	1
8	CPWK2	Mouse	1
9	CPWK3	Adapter for mouse and keyboard	1
10	CPWK4	Removable disk 2GB	1
11	ECCE6	Metal carrying case for E6	1
12	ECCET6	Metal carrying case for ET6	1
13	ECHPW	Software Power Nav	1
14	EUMP	User manual for E6 paper print version	1

