

Bubble display for Gyro and Inclinometer



Graphical data display with alarm



Import from iWand



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SENSORVIEW
STREAM YOUR SENSOR DATA

SensorView software allows you to stream real-time subsea sensor data direct to your desktop. Use it with your 6G Fusion and Ranger hardware or via a standalone transceiver and transponder set-up. Fast and easy to use, SensorView's perfect for all sorts of subsea data gathering applications.

Hardware Compatibility

- All 6G transponders, transceivers and iWand

PC Compatibility

- Windows XP and Windows 7 compatibility

Displays

- Detachable tabs allow maximum data visibility
- Data colour coded to represent time elapsed since reading
- Graphical and visual displays

Features

- Power and gains automatically adjust to optimise acoustic quality
- Common and custom telegram formats
- Configurable alarms
- iWand configuration import
- Multiple reply option for fast sensor updates

Networking

- Supports Ethernet connection to HPT

SensorView User Interface

The screenshot shows the SensorView software interface with several red callout boxes highlighting key features:

- Transponder identity:** Points to the transponder ID '2702' in the top left corner.
- Colour-coded representation of data age:** Points to the 'Time since last reading' labels for Temperature, Depth, and Sound Velocity, which are color-coded (green for recent, yellow for older).
- Automatic adjustment of power and gain settings to optimise acoustic quality:** Points to the 'Transponder Settings' panel on the right, which includes sliders for 'Power' and 'Gain'.
- Choice to view data from any available sensor:** Points to the 'Sensor Selection' panel on the right, which allows users to choose which sensors to display.

The main display area shows real-time data for Temperature (20.76 °C), Depth (2.83 m), and Sound Velocity (1490.608 m/s), along with Roll (0°) and Pitch (0.22°). The interface includes a menu bar with options like 'Connect', 'Job', 'Add Beacon', 'Advanced', 'Telegrams', 'Import', and 'About'.



Structure Installation

Tracking any structure from the time it is lifted from the installation vessel until the time it touches down on the seabed requires accurate knowledge of its rate of descent and orientation to ensure it lands safely in the required target area. GyroCompact 6 and SensorView provide the solution.

Environmental Monitoring

6G transponders can be supplied with a range of high update onboard sensors including SV, inclination, pressure and temperature making them ideal for environmental monitoring projects. Data can be logged or using SensorView, streamed live to the surface.



Workshop Testing

SensorView gives you the assurance that your 6G transponders and their onboard sensors are fully configured and soak tested prior to deployment. Graphical time plots and displays offer visual representation of all available data.