

Connect TH - Dedicated System for Display of Vessel Trim & Heel



Key features

- Suitable for all vessel Types
- Purpose designed system
- Screen layout is designed for maximum clarity of information
- Light and Dark Mode (Day/Night)
- Instantaneous/ averaged value display
- Repeater display options
- Space efficient display for wall or console mount
- Serial data output to Vessel management system
- Simple low-cost installation

The Scanjet PSM Connect-TH system is based upon the established Scanjet PSM range of marine tank contents gauging systems and configured specifically for the monitoring and display of vessel trim and heel.

Comprising a central processing module with a 7" touchscreen, and a single remote wall mount enclosure with dual inclinometers to measure trim and heel angles, the system is supplied pre-configured with all parameters relevant to the intended application.

Installation is simple, the display can be located as required in the bridge/control room requiring only a single 24V DC supply, and the inclinometer enclosure on a suitable vertical bulkhead, with a single 4 core interconnecting cable.

Repeater displays can be added as required and are connected to the primary display via a dedicated Ethernet link.

The system includes correction parameters to allow the installer to correct for the "as fitted" position of the inclinometer panel to ensure true zero at even keel conditions.

In operation the user can switch between 2 themes, dark and light, for night/day operation and the averaging period can be adjusted to optimise stability of reading for the averaged values of trim and heel.

A second RS485 port on the primary display allows connection to the vessels central AMS/Platform Management System. The exchange protocol is standard Modbus RTU where the AMS/PMS is Modbus master and the Scanjet PSM system is Slave.

Inclinometer Enclosure

