

# Inclinometer Display System (IDS)



## Description

The Inclinometer Display System (IDS) is a high quality organic light-emitting diode (OLED) based display system. It has an IP67 sealed shock proof aluminium housing, utilising high performance sealed locking connectors. It's graphical OLED display allows for high contrast and a wide viewing angle. OLED technology provides an extended temperature range (compared with LCD displays), and can be used in low light or night-time applications. The display can be switched between single axis, dual axis and graphical measurement modes, and the displayed angle can be configured with one, two or three decimal places. It has an RS232 interface and a versatile programmable alarm function with switched relay outputs.

## Features

- Mil Spec - Shock/vibe/hot/cold/EMC
- Utilises attitude signal from the highly robust TRL9 AeroGlow HaLO Egress Lighting System blast and rollover sensor - or independent sensor (can be supplied).
- OLED Graphical Display. High contrast with wide viewing angle.
- Single, dual axis or graphical display mode.
- RS232 interface for onward connection.
- Programmable alarm function (relay output).
- Sturdy aluminium Housing, sealed to IP67 with IP67 locking connectors.
- Temperature range -40 to +85°C.
- Absolute and Relative measurement.
- Hold button to freeze current reading.

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