



# Subsea Graphical Display System

- Provides analogue count feedback from “dumb” tools or Subsea Modules scaled as per user needs
- 32 GB Data logging and Diagnostics functionality
- Infra-red (IR) capability
- Accelerometer
- Rugged Titanium housing, 4000m rated
- User configurable via both USB and RS232



The SGD is designed to display the total number of sensor actuations on Subsea tools, modules & installations without the need for a complex control system or datalink.

Critical operations can be monitored and now data logged using an internal 32Gb Mass Storage Device (MSD). Diagnostic capability allows the operator to test / confirm operation with customisable sensitivity level set-up.

Any displayed image automatically flips upright via an in built accelerometer and also logs this occurrence.

Facilities to log 'Shock and vibration' and upload data logs via IrDA 'infra-red' with configuration for the SGD via external RS232 / USB host connections, will present the operator with a user-friendly GUI to configure parameters and execute functions.

The SGD has 2 in-bulit light sensors that actuate the module only when illuminated by ROV lights or Rig Lights. This allows the SGD to remain dormant for years before operation.

The SGD display shows key data such as battery status, system temperature, date / time. The display is also highly configurable allowing custom text to be inserted as well as a bitmap such as a client logo and different text colour options to choose from.

Operational Modes & Battery Life	Data Storage	Size		Weight	Temperature	Depth	Material	Connectors
		Diameter	Display					
1. Full power mode – 5 days (display on continuously with full operation)	32 GB	148mm	74mm x 50mm	5.2kg (air) 2.3kg	Operating: 10 to + 55°C  Storage: 20 to + 60 °C	4000msw	Titanium Ti-6Al-4V	E1: Subconn MCBH6M (External USB)  E2: Subconn MCBH6M (RS232 to allow configuration of internal settings)  E3: Subconn MCBH8F (Sensors)
2. Idle Mode – as above with no active display (30 days)		139mm						
3. Background Running Mode with no data log & reduced operation – greater than 12 months		Long						
4. Deep Sleep Mode – greater than 24 months								

### Other products on this range include

2, 4 & 8 Digit Subsea Display Systems,

Sensor Light System (open closed / on off),

Data-logger and ICM – live / stand-alone in-line hydraulic oil contamination monitor.



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