

SRM-2

SATELLITE REMOTE MONITORING

Tideland Signal (Tideland) has developed a satellite remote monitoring system (SRM-2) that, when installed on any aid to navigation (AtoN), can transmit warnings and data such as:

- **GPS Position**
- **Adjustable geo-fence warning area**
- **Marine light go/no go**
- **Battery voltage**

A buoy, lighthouse, beacon or virtually any AtoN can be equipped with Tideland's SRM-2 communication module. The SRM-2 unit is a cost effective system that is ideal for use with the complete range of Tideland products (note: actual costs will vary depending upon client reporting interval requirements). With extensive satellite coverage, the SRM-2 unit is capable of operating in almost every location worldwide.

The SRM-2 unit is also very easy to install as it is simply connected to an existing or new AtoN, and a power source. Immediately, the unit sends a system operability report.

The SRM-2 reports through an Internet web browser, which displays the data in a user friendly format. Operation parameters (geo-fence, for example) are easily changed.

Warnings such as buoy off station, lantern failure or low voltage are sent immediately. Regular polling can be established as user requirements dictate.

Power consumption is less than 0.4Ah per day when used on a buoy to continuously monitor position and the health of the AtoN. The SRM-2 is light weight and compact allowing it to be fitted to almost any existing AtoN.



SRM-2



SRM-2 with
Nova-65SC



SRM-2

Technical Details

Communications	Two-way, IsatData Pro
GPS Channels	8
Analog/Digital Input	4
Power	
Input Voltage	9 to 32VDC
Maximum Power	9W
Average Daily Load	0.4Ah
Sleep Power	1.2mW
Temperature Range	-40° C to +85° C
Enclosure	
Protection	IP67
Length	125.8mm (4.9in)
Width	125.8mm (4.9in)
Height	100.8mm (3.9in)

NOTE: Specifications are subject to change.

For contact and other general information please visit our website at www.tidelandsignal.com



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