

Teledyne CDL

MINITXT

MOTION SENSOR

The Teledyne CDL MiniTXT is a LED matrix display which can read attitude strings from various pieces of equipment and display it either in a field by field manner or by scrolling the text. The unit consists of eight 8x8 LED matrices which are available in Red or Green.

The unit has adjustable brightness to cater to different user situations. The system has optically isolated comms capable (through serial command) of accepting RS422 or RS232 data levels. Input baud rate can also be changed from 2400bps up to 38400bps.

It also features a programmable auto power off which can be set from anything from 1 to 99 minutes. The unit can be activated by shining a light onto the left hand of the display. Successful configuration can be achieved by sending serial commands to the unit either through a terminal program or by using the MiniTXT software supplied.

Option for Red or Green LEDs. Scrolling flashing text displaying multiple supported data input strings RS232 or RS422 Input.

Unique protective housing



PRODUCT FEATURES

- Very Low Cost, Small Size
- Up To 3km
- Versatile Specific Data Link
- RS-232/485 Interface
- Smart Interface
- Direct Command Language



MINITXT

MOTION SENSOR

TECHNICAL SPECIFICATIONS

Display:

Make-up	High visibility red or green LED matrix
Brightness	Configurable through software
Update rate	Matches input rate
Sleep awake	1 – 99 minutes or always on, configured through software

Input Strings:

MDL, DigiLog, CDL1, SKR80, TSS1, MiniRLG1, NMEA HEHDT, NMEA PRDID, EM3000, TSS2 and Auto String-Unit looks for HRP headers and displays data that follows

Power:

Input	18-30VDC
Current consumption	15W Max (dependant on LED brightness)
Optional TTL level output when the unit is awake	
Direct drive protocol	

Depth, Weight and Dimensions:

	Standard	Subsea	3000m
Depth rating	1000m	2000m	3000m
Weight	3kg	3.6kg	6.1kg
Dimensions	96mm x 353mm*	106mm x 353mm*	136mm x 353mm*

*Excluding Subsea connector height

Environmental:

Temperature	-10 to +50°C
-------------	--------------