

## Digital Strain RS485 Display Module



*The DS485DIS is an LED display module allowing the connection and summing of up to eight (8) DSC or DLC devices, using DSJ4.*



Connects 8 DSCs by using x 2 cased DSJ4

### User Benefits

- Removes the need for DSC or DLC (DCell) to be permanently connected to a PC or PLC
- Easy to operate toggle buttons
- Synchronised sampling across devices
- Free Instrument Explorer Software

### Introduction

The DS485DIS Display Module for DSC & DLC (DCell) Digital Load Cells with RS485 input is exclusively for DSC/DLC digital load cells. With an LED display for direct connection of up to eight (8) DSC or DLC load cell acquisition devices. There are 3 display modes:

- Item Mode: To display any 1 of 8 individual sensor inputs with option of gross net on each sensor.
- Summation Mode: To display the summation of up to 8 inputs. with Gross net and individual values
- Arithmetic Mode: To display the result of Add, Subtract, Multiply or Divide of individual sensor inputs.
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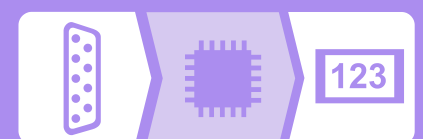
The DS485DIS connects to various RS485 DSC and DLC devices. Such as Mantracourts' DSC4SMAN, DSC4HMAN, DLCSMAN and DLCHMAN. The DSC and DLC devices must have sequential station numbers from 1 to the total number of devices. The default baudrate is 115200.

### Specification at a Glance

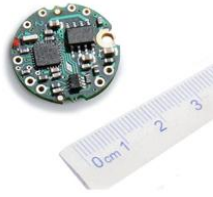
- 6 digit 20 mm LED display in Red
- Displays up to 8 DSC or DLC individual or summed devices
- IP65 / NEMA 4 enclosure dimensions 160 x 80 x 55 mm

### Ideal Applications

- Silo & Weighing
- Test & Measurement



## Related Product



**DLC (DCell)**  
Embedded digital load cell converter, RS485, Modbus, CAN



**DSC**  
Strain gauge data converter to RS232. Modbus, CAN, RS885



**EVAL KIT**  
Evaluations kits for DCell and DSC are available for stress free set up. Strain gauge data converter to RS232. Modbus, CAN, RS885



**DSJ1**  
Strain gauge data converter to RS232. Modbus, CAN, RS885



**DSJ4**  
4 channel digital load cell converter  
CAN RS485 Modbus, or IP65 cased version available

## Related Software



**Instrument Explorer**  
Quick set up software event monitoring, data logging, calibration and configuration

## CE & Environmental

Storage temperature	- 40 to +85°C
Operating temperature	- 40 to +85°C
Relative humidity	95% maximum non condensing
IP Rating	IP65 / NEMA 4

<b>CE Environmental Approvals</b>	
European EMC Directive	2004/108/EC
Low Voltage Directive	2006/95/EC

*For more information contact us today...*

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In the interests of continued product development, Mantracourt Electronics Limited reserves the right to alter product specifications without prior notice

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