

## 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.

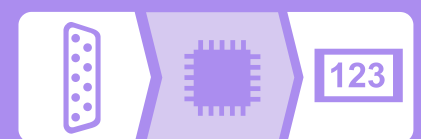
The DS485DIS connects to various RS485 DSC and DLC devices. Such as Mantracourts' DSCS4MAN, DSCH4MAN, DLCSMAN and DLCHMAN. The DSC and DLC devices must have sequential station numbers from 1 to the total number of devices. The default baudrate is 115200.

### 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, RS485



**EVAL KIT**  
Evaluations kits for DCell and DSC are available for stress free set up. Strain gauge data converter to RS232. Modbus, CAN, RS485



**DSJ1**  
Strain gauge data converter to RS232. Modbus, CAN, RS485



**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

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