



*Data input display for digital load cells and wireless*

### Introduction

This display module accepts serial ASCII data and puts this data onto the LED display. All numeric data can be displayed but also a limited set of alpha characters so simple warnings and messages can be shown.

By sending binary data the device can be addressed for multidrop operation and also the LEDs on the front panel can be controlled.

This display can be used in conjunction with Mantracourt DCell, DSC and T24-SO modules.

### Specification at a Glance

- 6 digit 7 segment LED 20mm display
- RS232 or RS485 serial ASCII input
- IP65 / NEMA 4 enclosure dimensions 160 x 80 x 55 mm

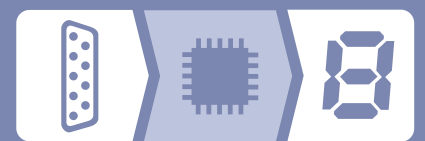


### User Benefits

- Supporting single or multidrop devices
- 3 year warranty

### Ideal Applications

- Agriculture
- Silo & Weighing Industry



## Related Product



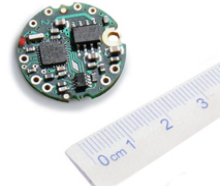
**T24-SO**  
Radio telemetry input, data output  
for displays and printers



**T24-SA Acquisition Module**  
Strain gauge to radio  
telemetry converter



**T24 Acquisition Module Enclosures**  
Strain gauge to radio  
telemetry converter



**DCell**  
Embedded digital load cell converter,  
RS485, Modbus, CAN



**DSC**  
Strain gauge data converter to  
RS232, Modbus, CAN, RS485

## Case Study

### The Application:

A company was looking for an effective way of wirelessly monitoring individual silos with a simple display without the need for permanent connection to a dedicated PC or complicated PC software.

### The Solution

The solution was achieved by installing four load cells wired to T24-ACM-SA's. This information was then transmitted wirelessly to a T24-SO which is connected to a LED display.

By mounting each LED display (SERIALDIS) to the wall of each silo, users were able to quickly view changes within the silo. Users viewed the summated value of the display.



## CE & Environmental

Storage temperature	- 20 to +70°C
Operating temperature	- 10 to +50°C
Relative humidity	95% maximum non condensing
IP Rating	IP65

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

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Torque Transducers, Load Cells (general purpose, weighing & fatigue rated). Multi-Axis Force/Torque, Weighing Instruments, Process Instruments, Portable Data Loggers, Pressure Sensors, Proximity Sensors, Laser (Distance Measuring) Sensors, & more.