

Serial ASCII Display Module



Data input display for digital load cells and wireless



User Benefits

- Supporting single or multidrop devices
- 3 year warranty

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.

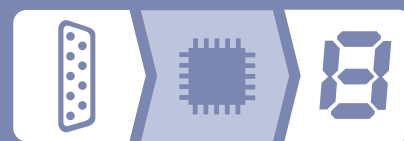
This display can be used in conjunction with DCell, DSC and T24-SO modules.

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

Ideal Applications

- Agriculture
- Silo & Weighing Industry



Related Product



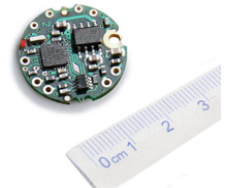
T24-SO
Radio telemetry input, data output
for displays and printers



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

CE Environmental Approvals

European EMC Directive	2004/108/EC
Low Voltage Directive	2006/95/EC