

### DCell & DSC Evaluation Kit Overview

#### Features

- Ideal way for first time users to familiarise themselves with the Digitiser modules in test situations
- RS232, RS485 & CANopen Kits available
- One 'FREE' Dcell or DSC included in the cost of the kit - mounted and ready to go
- Kit includes everything you need to communicate with the Dcell or DSC card from you PC
- Instrument Explorer software included for PC interface
- A low cost way of discovering the benefits of the DCell/DSC



Example of Evaluation Kit for RS485

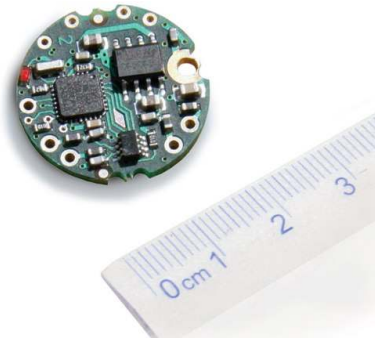
#### Overview

The DCell & DSC Evaluation Kit is an ideal way for users to familiarise themselves with the Digitiser modules in test situations. The kit includes everything you need to communicate with an in-cell or card from your PC.

#### What's in the Kit?

- An Evaluation PCB (DSJ1) which comprises of:
  - A 8 way screw connector for the strain gauge & Temperature sensor
  - A 5 way screw connector for power & RS485 comms
  - A 9 way 'D'Type for direct RS232 connection to PC, CAN & RS485
  - Link headers for RS232 or RS485 comms selection
  - Terminating resistor for CAN & RS485
  - On-board temperature sensor for easy evaluation of temperature compensation
  - LED for power indication
  - LED for digital output (DSC only)
  - Push Switch for digital input (DSC only)
- An Evaluation DCell or DSC of your choice
- A CD ROM containing Instrument Explorer software
- A 9 to 25 way 'D'Type adaptor for the PC comms port
- A 9 way 'D'Type extension lead
- **For RS485 ONLY** an RS232 to RS485 converter and connecting cable
- **For RS232 ONLY** a power connection cable
- **For CAN Only** IXXAT USB to CAN compact converter

## DCell Embedded Module



## DSC Card Module



### Product Order Codes

#### DCell

Evaluation Kit for RS485      EVAL KIT 485  
 Evaluation Kit for CAN      EVAL KIT CAN

#### DSC

Evaluation Kit for RS232      EVAL KIT 232  
 Evaluation Kit for RS485      EVAL KIT 485  
 Evaluation Kit for CAN      EVAL KIT CAN

NB: Please remember to specify which DCell/DSC you wish to have included in the kit (see below or individual product sheets)

#### Available DCells

Description	Product Code
<b>High Stability DLCH</b>	
RS485 ASCII Protocol	DLCHASC
RS485 MANTRABUS Protocol	DLCHMAN
RS485 MODBUS Protocol	DLCHMOD
MantraCAN Protocol	DLCHMCAN
CANopen Protocol	DLCHCOP

Description	Product Code
<b>Industrial Stability DLCS</b>	
RS485 ASCII Protocol	DLCSASC
RS485 MANTRABUS II Protocol	DLCSMAN
RS485 MODBUS Protocol	DLCSMOD
MantraCAN Protocol	DLCSMAN
CANopen Protocol	DLCSCOP

#### Available DSC's

Description	Product Code
<b>High Stability RS232</b>	
ASCII Protocol	DSCH2ASC
MANTRABUS Protocol	DSCH2MAN
MODBUS Protocol	DSCH2MOD
<b>High Stability RS485</b>	
ASCII Protocol	DSCH4ASC
MANTRABUS Protocol	DSCH4MAN
MODBUS Protocol	DSCH4MOD
<b>High Stability CAN</b>	
CANopen Protocol	DSCHCOP
MantraCAN Protocol	DSCHMCAN

Description	Product Code
<b>Industrial Stability RS232</b>	
ASCII Protocol	DSCS2ASC
MANTRABUS Protocol	DSCS2MAN
MODBUS Protocol	DSCS2MOD
<b>Industrial Stability RS485</b>	
ASCII Protocol	DSCS4ASC
MANTRABUS Protocol	DSCS4MAN
MODBUS Protocol	DSCS4MOD
<b>Industrial Stability CAN</b>	
CANopen Protocol	DSCSCOP
MantraCAN Protocol	DSCSMCAN

#### CE & Environmental

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

European EMC Directive      2004/108/EC  
 BS EN 61010-1:2006  
 BS EN 61326-2-3:2006



Designed,  
 Manufactured  
 & Supported in the UK



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