

### 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

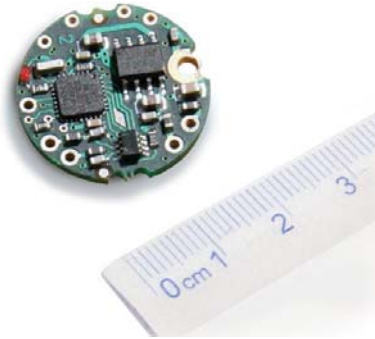
#### Overview

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
High Stability DLCH	
RS485 ASCII Protocol	DLCHASC
RS485 MANTRABUS Protocol	DLCHMAN
RS485 MODBUS Protocol	DLCHMOD
MantraCAN Protocol	DLCHMCAN
CANopen Protocol	DLCHCOP

Description	Product Code
Industrial Stability DLCS	
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
High Stability RS232	
ASCII Protocol	DSCH2ASC
MANTRABUS Protocol	DSCH2MAN
MODBUS Protocol	DSCH2MOD
High Stability RS485	
ASCII Protocol	DSCH4ASC
MANTRABUS Protocol	DSCH4MAN
MODBUS Protocol	DSCH4MOD
High Stability CAN	
CANopen Protocol	DSCHCOP
MantraCAN Protocol	DSCHMCAN

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

## Approvals



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

