STC – Serial to CAN
Part Number #61125

Basic specifications

Inputs
- Power supply 12 V (9 - 16 VDC)

Communications
- 1 x RS232
  - Baud rates: 9600, 19200, 28800, 38400, 57600.
  - Data Length: 7 or 8
  - Parity: None, Even or Odd
  - Stop Bits: 1 or 2
- 1 x CAN
  - Configurable address (default 146h)
  - 1Mbit Baud rate

NOTE: RS232 / CAN settings must be specified when ordering. Currently the STC is non-configurable.

Physical
- Case size 38 mm x 14 mm x 26 mm excluding lead

Other information

Compatibility
- All MoTeC Data Loggers
- M48 and early M4

PC requirements
- Windows XP or later
- USB port

Accessories
- MoTeC UTC #61059

⚠️ Important
The STC is wired onto the CAN bus. Please ensure the CAN-bus has at least one 100R terminating resistor.

The **STC (Serial to CAN)** adaptor converts RS232 data to CAN and vice versa allowing multiple RS232 devices to be connected to a Data Logger via CAN.

Features
- Resin filled machined anodised aluminium case with through hole fastening
- Flying lead
- Bi-directional
  - Converts RS232 to CAN to display and log GPS data —position, true ground speed and GPS beacons— and ECU data
  - Converts CAN to RS232 for transmitting telemetry
- Compatible with TTL voltage levels to connect early M4s and all M48s to a Dash Logger

Connector and Pinout

Connector
DTM 6 pin male
Mating connector DTM 6 pin #68056

Pin No	Colour	Description
1	Black	Ground (Battery —)
2	Blue	RS232 Tx (Transmit)
3	Yellow	RD232 Rx (Receive)
4	Green	CAN Low
5	White	CAN High
6	Red	+ 12 V (Battery +)

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Product specifications are subject to change