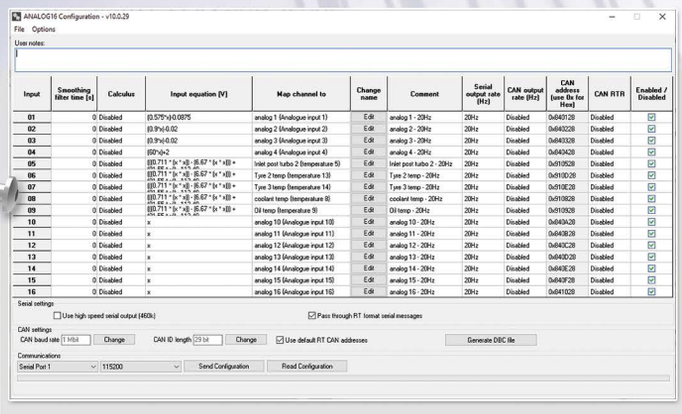
ANALOG16 - Analogue Input Expansion Module

ANALOG16 - 16 channel differential analogue input module

- 16 channels for high accuracy differential measurement of analogue signals
- Serial data connection for data output and configuration
- Configurable CAN data output
- .DBC file generation with settable units and notes
- 4 status LEDs for Power, Status, CAN and Serial communication
- Stacking case, connects neatly with other Race Technology system components
- Integration with Race Technology components, aligned connectors, single power supply connector
- Reverse polarity protection with resettable fuses for all inputs



Supplied with complete software suite, including unit configuration software, live data monitoring and comprehensive data analysis program.

Race Technology
www.race-technology.com

ANALOG16 - Analogue Input Expansion Module

GENERAL	
Supply voltage	+5.5V to 24V
Power consumption	1W
Case construction	Die-cast aluminium
Dimensions	164 x 63 x 34mm
Mass	295g
IP rating	IP50
Operating temperature range	-40 to 70 °C
Mounting method	Cases stack to other RT products / Velcro / tie wraps
Outputs	RS232, CAN
CAN OUTPUT	
Maximum baud rate	1 Mbit/s
Data rate	Configurable up to 100Hz per channel
Identifiers	Configurable addresses, 11 or 29 bit
RS232	
Baud rate	115200 baud
Data rate	Configurable up to 100Hz per channel
RS232 data format	RT format: analogue/temperature/pressure/aux/misc channels
ANALOGUE INPUTS	
Input impedance	180k between + and - inputs
Sample rate	Variable up to 100Hz per channel
Internal resolution	3.28µV
Resolution	24 bits
Typical accuracy at 25 °C ambient	0.025% full scale
Hardware filter	RC digital low-pass
Maximum input range	-27 to +27V

Race Technology Ltd (UK)

16 King Street, Eastwood, Nottingham, NG16 3DA

Tel: +44 (0)1773 537620

Fax: +44 (0)1773 537621

Email: sales@race-technology.com