

Electronic Systems

CANtrak CONFIGURABLE DISPLAY MODULE - CCDM



AT A GLANCE

- Display up to 40 gauges
- User settable Internal Alarms per Parameter
- External DM1 Alarms
- Choice of languages
- Selectable Baud rate
- Customizable PGN request
- Customizable start up logo/screen
- Customizable buttons
- Starter Kit has everything in one box, or supplied separately.
- Complements the CCIM (CANtrak Configurable Input Module)
- A detailed Tutorial is supplied and can be downloaded from the website.
- Has an online Help File
- A number of standard features are included in the application software, including Bleep, System, Database Viewer

The CANtrak Configurable Display Module (CCDM) will allow the user to quickly display 29 bit or 11 bit data from the CAN bus on a variety of gauge styles on a CANtrak 2600 or CANtrak 2610 without the need for programming in software languages such as C or C++.

The CCDM is configurable using a PC Tool over the RS232 serial port. The PC Tool runs on a Windows PC allowing quick and easy configuration. By the use of a Windows based PC Config Tool a non-software programmer can easily and quickly produce multiple screens of various styles of gauges without having to write even one line of code.



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PRODUCT SPECIFICATIONS

The CCDM supports up to 40 gauges if they are all configured as quad screens or 10 gauges in single screen mode. It's possible to have a mix of quad and single screens but not on the same screen. A drop down box is used to select the type of gauge per screen.

A PC simulation tool is also included so the configuration can be seen on the PC screen as it will appear on the CANtrak display.

SINGLE GAUGE STYLES THAT CAN BE SELECTED



QUAD GAUGE STYLES THAT CAN BE SELECTED



BUTTONS

The user has full control of the labeling of the "Soft Keys". The pop-up labels above each of the 5 keys are fully customizable, using the following options:

- First line of text
- Second Line of text
- Destination Screen when button is pressed
- Icon file - maximum size 32x19 pixels

PC SPECIFICATION

To run the CCDM PC Tool software and CANtrak simulator you will need a specification that at least matches the specification below:

- Intel PIII 1.2Ghz (or Equivalent)
- Windows XP
- 512MB RAM
- .NET Framework 2

PART NUMBERS	
CCDM PC Config Tool	340009
CCDM 2600 Starter Kit	922005
CCDM 2610 Starter Kit	922006

Each screen allows full control of each gauge, allowing the user to control all aspects of the gauge as follows:

- CAN Identifier
- Start Byte
- Byte length
- Bus Offset
- Bus Gain
- Timeout
- Damping Threshold
- Damping rate
- Gauge type
- Rounding Factor
- Unit string
- Description
- Min Value
- Max Value
- Integer Part
- Decimal Part
- Flags
- Icon File
- Alarm Low Threshold
- Alarm Low Hysteresis
- Alarm High Threshold
- Alarm High Hysteresis