KONGSBERG
A U T O M O T I V E

Electronic Systems

CANtrak 2600 AND 2610

AT A GLANCE

- 3.8" Graphical high resolution FSTN LCD Display
- Rugged ABS Case
- IP67 Protection Rating
- Low operating temperature (2600 –25°C, 2610 –40°)
- Data logging/diagnostics and control capabilities
- Contrast control/variable backlighting
- Internal sounder
- Soft keys provide easy navigation through software screens
- RS232, J1708/J1587 and CANbus datalink compatible
- Front and rear mountable (fitting kits required)
- CE Approved design

CANtrak™ is the perfect platform to empower your electronics with flexibility and control. The CANtrak 2600 and 2610 have established a new standard for intelligent, multi-function displays. The ideal man-machine interface monitors numerous CAN-based messages and displays the current status of user defined parameters. With its J1939 data bus, the CANtrak offers easy integration into most third party CAN-based systems. It can also be combined with many other Kongsberg Automotive electronic products, such as the MCM, DCSM, CCIM, and keypads, to create a full scale monitoring and control system for virtually any type of on-road or off-road vehicle.
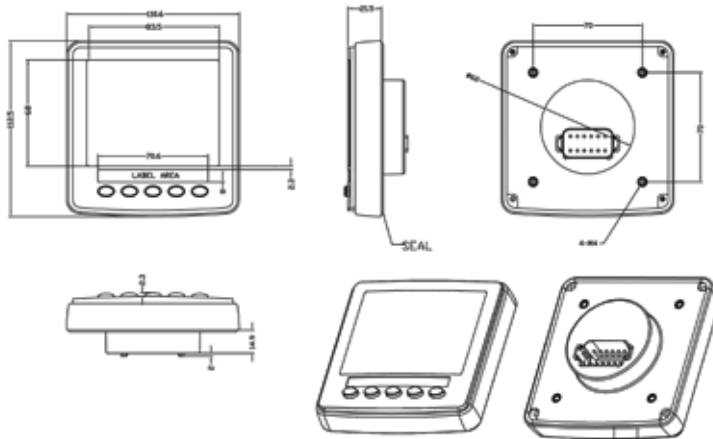
The CANtrak display is easily configured with user-friendly software options to suit virtually any application:

Generic Engine Monitoring (GEM)   - Plug-and-go monitoring of the most popular J1939 engine parameters
Configurable Display Module (CCDM)   - PC tool to configure the display to monitor any J1939 parameters
Software Development Kit (SDK)   - Allows full programming of the display using 'C' language
Custom software   - Custom software services are available to suit your exact application requirements.

A wide range of mounting kits, wiring harnesses and other accessories are also available.

CANtrak

MOUNTING AND DIMENSIONAL INFORMATION

SPECIFICATIONS &TECHNICAL DATA

- Excellent sunlight readability
- Integral Deutsch 12 way connector
- Internal 500mA open collector output driver (possible for external output alarm) – Model 2610 only
- Connector Pin Identification:
1. Power –ve
2. Power +ve
3. RS232 TX (+)
4. RS232 TX (–)
5. RS232 RX (–)
6. RS232 RX (+)
7. CAN LO
8. CAN HI
9. J1708/J1589 A
10. J1708/J1589 B
11. Switched output (2610 only)
12. Not Used

HARDWARE	
Micro Controller	Siemens 164, 16 bit/ 20Mhz
FLASH Memory	512K bytes
RAM	128K bytes
EEPROM	2600 - 2K bytes; 2610 2K + 32K bytes

ELECTRICAL	
Display	FTSN
Resolution	160 x 128 pixel
Power Requirements	10 to 32 VDC supply (reverse polarity protected)
Power Consumption	40mA (backlight off) 160mA (backlight on) at 12VDC
Audible Alarm	4kHz Internal sounder
External output	Open collector, internal driver (CANtrak 2610 only) 500mA
Wiring Protection	Polarity reverse protected (Fuse must be included)
Connection	Integral Deutsch 12 way connector (DT04-12PA)
Communications	Full CAN 2.0B controller/ port. RS232/ RS485

ENVIRONMENTAL	
Operating temperature	2600: –25°C to + 75°C 2610: –40ºC to + 75ºC
	–40°C to + 80°C
Storage Temperature	IP67
Degree of Protection	IEC 60068-2-52: 1996
Salt Spray	IEC 61000 and EN55022
EMC	

MECHANICAL	
Case material	ABS housing and acrylic lens
Dimensions	110mm x 110mm x 38.5mm deep (4.33" x 4.33" x 1.5") without connector

PART NUMBERS	
CANtrak 2600	900601
CANtrak 2610	900602

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