

## Product Summary

MiniView 1700 is a rugged display unit capable of operating in harsh marine and off-highway applications. Designed to operate with the MotoHawk line of rugged controllers, the MiniView 1700 is controlled from the customer application via CAN interface, typically using the MotoHawk block set.



MiniView 1700 has been designed as a drop-in replacement to fulfill demand for the original MiniView displays. Kongsberg's CANtrak 1700 makes up the hardware layer with a larger 128x64 pixel, 3-button display, on top of which New Eagle has recreated the MiniView display-CAN interface. Existing MiniView users can expect their current MiniView applications to function on the MiniView 1700 without additional effort. Additionally, the hardware uses the same 2" circular mounting dimensions, which makes this a true drop-in replacement for those looking to update their MiniView hardware.

## MiniView 1700 Features

- 2.3" Graphical high resolution Dot Matrix LCD Display
- Rugged ABS Case
- IP67 Protection Rating
- Adjustable backlighting
- 3 buttons provide easy navigation through software screens
- LED warning light to notify operator of vehicle/engine fault
- Alarm Output and Fuel Sensor Input standard
- Basic Icon, Bar-Graphs and Alphanumeric Display
- CE Approved design
- Excellent sunlight readability
- Integral Deutsch DT04-6P style connector
- Mating connector Deutsch DT06-6S

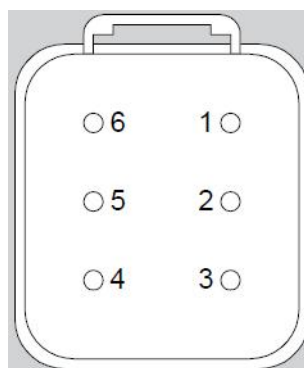
## Product Specifications

HARDWARE	
Micro Controller	ARM Cortex M3 STM32F103RC
FLASH Memory	256Kb
RAM	47Kb
ELECTRICAL	
Display	Dot Matrix LCD
Resolution	128 x 64 pixels
Power Requirements	9 to 32 VDC supply (reverse polarity protected)
Power Consumption	100mA (backlight off) 500mA (backlight on) @12VDC
Wiring Protection	Reverse polarity protected (fuse must be included)
Connector	Integrated Deutsch 6 way connector
Communications	Full CAN 2.0B
ENVIRONMENTAL	
Operating temperature	-30°C to + 70°C
Storage Temperature	-40°C to + 80°C
Degree of Protection	IP67
Salt Spray	IEC 60068-2-52: 1996
EMC	IEC 61000 and EN55022
MECHANICAL	
Case material	ABS
Dimensions	76mm x 76mm (3.00" x 3.00")

## MOUNTING AND DIMENSIONAL INFORMATION



## CONNECTOR PIN DEFINITION



1. Power -ve
2. Power +ve
3. CAN Hi
4. CAN Lo
5. Buzzer Alarm Output
6. Fuel Sensor Input (Configurable)