



THE POWERVIEW<sup>®</sup>  
**380**  
DISPLAY

**CONFIGURABLE, MULTIFUNCTION  
DISPLAYS FOR ELECTRONIC AND  
MECHANICAL ENGINES**



For Use on Mechanical & Electronic Engines

Out-of-the-Box Configuration Display

Tier 4/Euro Stage IV Ready

Set Point Alarm and Shut-down Control

CAN J1939 Communications

Supports Multiple Languages



Whether you have an electronic or mechanical engine, the PowerView 380 display is the answer. It features a robust, multifunction display for advanced monitoring of both types of engines.

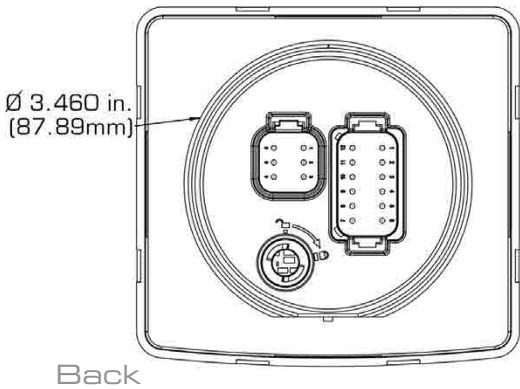
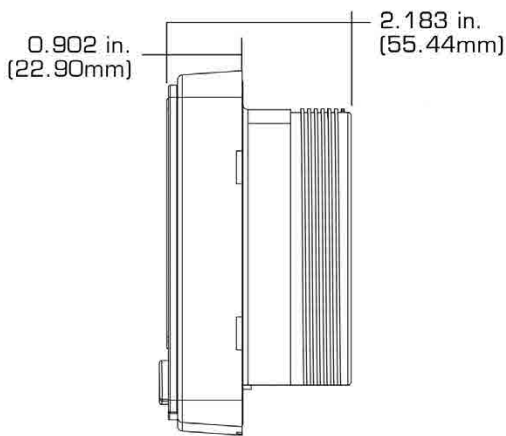
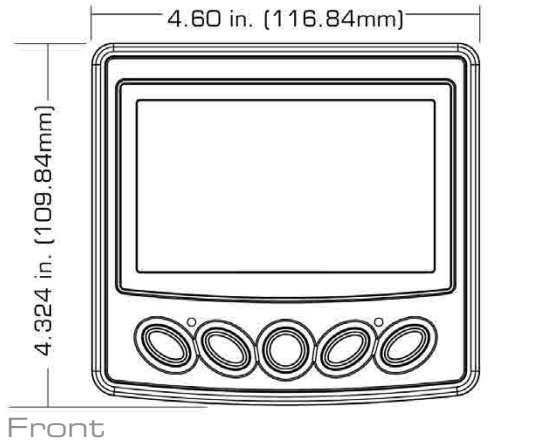
The PV380 display monitors multiple engine and machine parameters on an easy-to-read 3.8-inch (97 mm) QVGA monochrome LCD. The displays are capable of handling

sophisticated engine diagnostics as well as basic engine alarm/shutdown.

The display provides an out-of-the-box solution for your system. The PV380 can easily be programmed on site with its intuitive screens and sturdy push buttons.

For complete specs of the PV380, please see the reverse side of this page.

# STANDARD DIMENSIONS



Model	Communications	Inputs	Outputs	Connectors
<b>PV380</b>	(1) CAN 2.0B J1939 protocols Proprietary messaging (1) RS-485 serial	(4) resistive analog (3) analog: 0-5V, 4-20mA analog or digital (1) frequency 2-10,000Hz, 3.6-120VAC	(2) 500 mA; switched low-side	Deutsch DT Series 6 and 12 pin

## TECHNICAL SPECS:

- Display: 3.8" (97 mm) QVGA (320 x 240 pixels); monochrome transfective LCD with white LED backlight, heater and real-time clock
- Viewing Angle: ±55° horizontally, +45°/-60° vertically
- Keys: 5 tactile pushbuttons
- Alarms: Red and amber warning LEDs; Setpoint triggered output for external piezo buzzer or shut-down relay
- Languages: English

## ENVIRONMENTAL

- Voltage: 6-36 VDC; reverse polarity protected
- Operating Temperature: -40°C to 85°C (-40° to 185°F)
- Storage Temperature: -40°C to 85°C (-40° to 185°F)
- Sealing: IP 66 and 67
- Vibration and Shock: 7.86g random vbe (5-2,000Hz) and ±50g shock in 3 axis
- EMC/EMI: 2004/108/EC and 2006/95/EC directives  
EN61000-6-4:2001 (emission)  
EN61000-6-2:2001 (immunity)  
EN 50121-3-2 and EN 12895
- SAE J1113/2, 4, 11, 12, 21, 24, 26 and 41

## Approvals



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