# Controlling, monitoring and data logging your system parameters just got easier!

The Nett Technologies' PTLOG™ DASH display kit is a compact and reliable Electronic Control Unit (ECU) device that provides control, monitoring and data logging of system parameters for any type of on-road, off-road or stationary equipment within the mining, material handling, construction, agricultural and transportation industries.

Nett Technologies is offering these multi-functional robust displays for harsh environments which are fully customizable based on your needs. The flexibility of the PTLOG™ DASH display enables better integration of several displays and controls into one master unit. Furthermore, it can be combined with many other automotive and industrial electronic products to create a full scale monitoring and control system for virtually any type of on-road, off-road or stationary equipment.

The PTLOG™ DASH display features a range of advanced functionality, such as the ability to update the display's software on the fly, video input capabilities, data logging up to 5000 hours, adjustable alarms and diagnosis tools, and smart system operation and control when required.

With their compact design and endless capabilities, Nett Technologies' PTLOG™ Series displays are the perfect platform to empower electronic systems with flexibility and control.

# PTLOG™
# DASH
## display kit

**NETT** TECHNOLOGIES INC.®

...the emission control authority.

www.nettinc.com

## System Specification

**Screen size:** 4.3 inch TFT color screen for daylight visibility, 480 x 272 pixels, 7.4 x 3.8 x 1.94 in. (186.9 x 96.5 x 49.4 mm)

**Power supply:** 6 to 35 VDC, reverse polarity and load-dump protected

**Power:** 10w full backlight

**Memory:** 256 MB capable of data logging up to 5000 hours

**Temp range:** -40 to +85°C (Operating) / -40 to +85 C° (Storage)

**User input keys:** 8 sealed momentary tactile buttons

**Vibration & shock:** Random vibration, 7.86 G/rms (5-2000 Hz), 3 axis +/- 50G in 3 axis

## Technical Specs

1 CAN Port (SAE J1939)

Up to 12 Digital Inputs & Up to 6 Digital Outputs:

- • PWM signal from sensors or diesel engine ECM's
- • Frequency (Hz or RPM)
- • Counter
- • Active High/Active Low

Up to 4 Analog Inputs & Up to 4 Analog Outputs:

- • Voltage: 0-5V, 0-10V, +/-5V, +/-10V
- • Current: 0-20mA, 4-20mA, +/-20mA
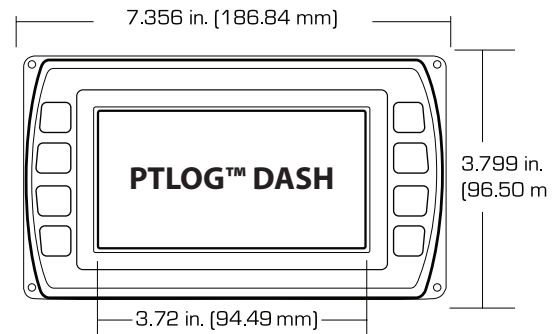- • Resistance: 0-1000Ω
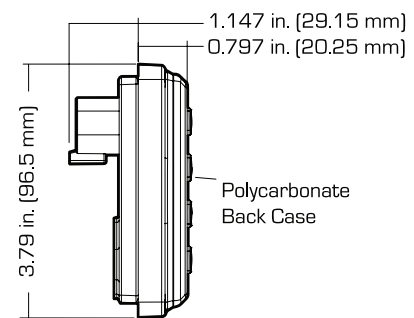
Up to 2 Video Inputs

## Product Features

- • Fully Advanced Electronic Control Unit (ECU)
- • Fully customizable interface
- • Customizable harness based on application requirements
- • Monitoring electronic engine, transmission and equipment information
- • System diagnosis, alarm, and control
- • Data logging with the ability to download the data (in MS Excel) using a USB key
- • Program can be updated at any time through a USB key
- • Customizable password protected pages and features based on end user authorities
- • Dashboard camera option
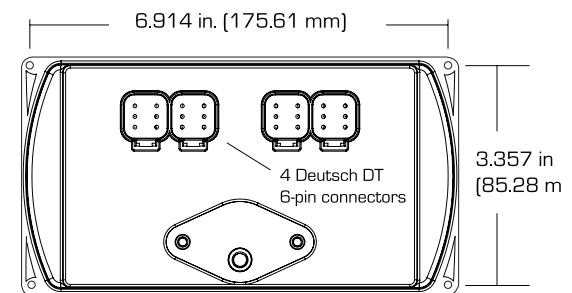- • Robust and reliable, suitable for use outside the cab

### Front Profile View

7.356 in. (186.84 mm)

PTLOG™ DASH

3.799 in. (96.50 m

3.72 in. (94.49 mm)

### Side Profile View

1.147 in. (29.15 mm)
0.797 in. (20.25 mm)
3.79 in. (96.5 mm)

Polycarbonate Back Case

### Rear Profile View

6.914 in. (175.61 mm)

4 Deutsch DT 6-pin connectors

3.357 in (85.28 m

**NETT TECHNOLOGIES INC.®**

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**Contact Nett Technologies Inc. today at:**

**Phone:** (905) 672-5453    **Toll-Free:** 1(800) 361-6388

or visit us online at **www.nettinc.com**

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