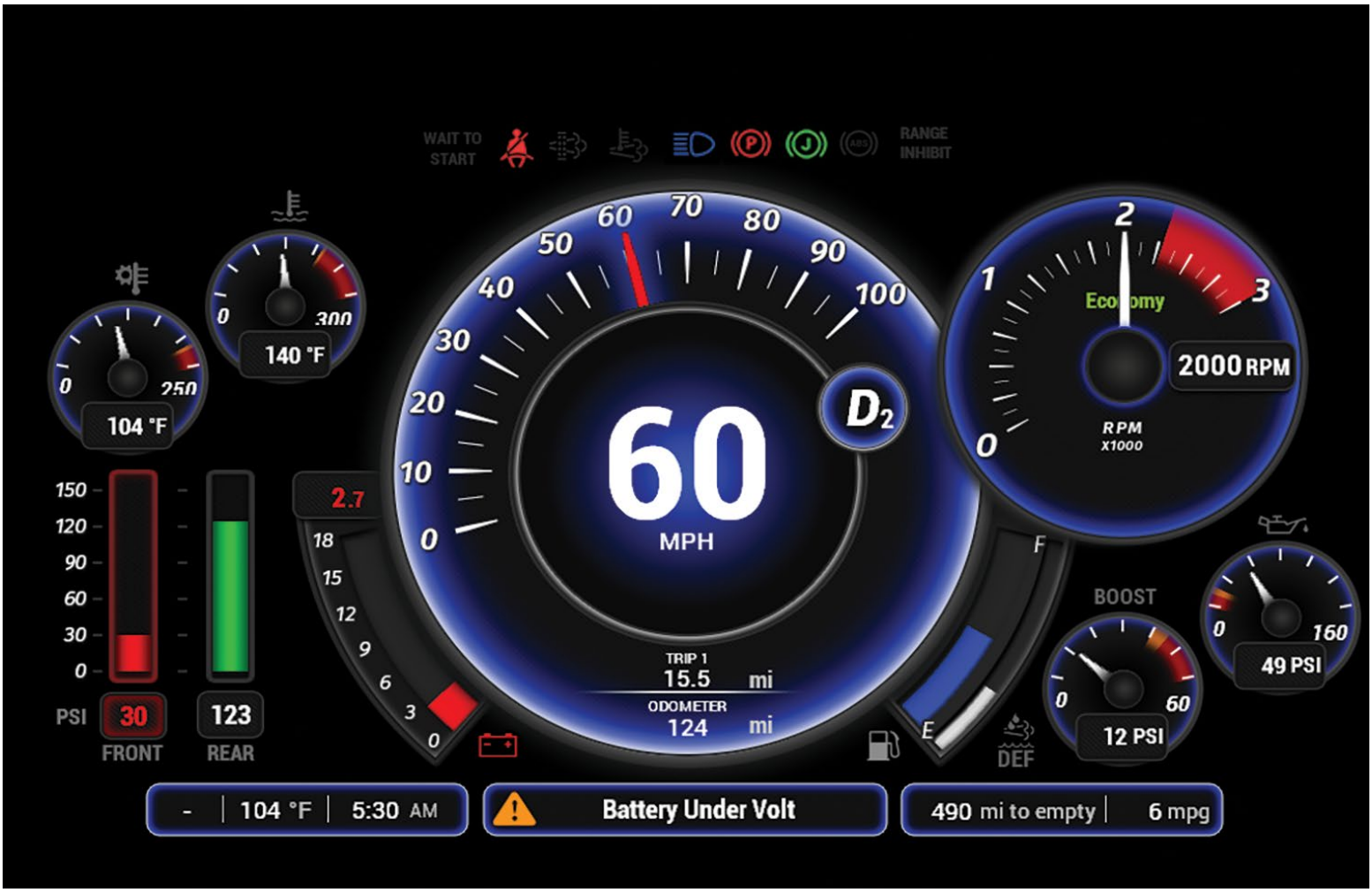
Valid Instrument Cluster

The Valid Instrument Cluster is a digital graphics-based alternative to traditional instrument clusters.

Luxury-inspired and fully customizable, the Valid Instrument Cluster delivers rich graphics and intuitive control at a glance.



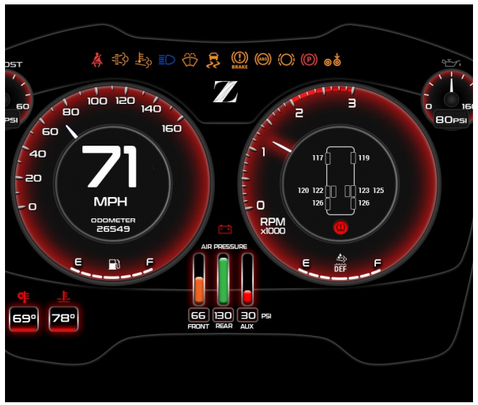
Valid

Advanced Technology. Simple Solutions.

1-888-632-6477 sales@validmfg.com **validmfg.com**

ABSOLUTE CUSTOMIZATION

- **Valid's Instrument Cluster is completely customizable to your requirements**
- **Graphics are designed specifically with customer input to provide a truly unique product and branding**
- **We offer screen options from 10.1 to 18.5 inches, and work directly with several display manufacturers**
- **Multiple input options are available:**
  - **Rotary knob / joystick**
  - **Touchscreen**
  - **Steering wheel paddles and buttons**



GUARANTEED QUALITY

- **A quad-core processor provides the power for the same type of graphics engine used in Tier 1 automotive applications**
- **Wide operating temperature range**
- **High native brightness display coupled with strengthened anti-reflective glass provides a durable, easy-to-read experience**
- **Valid is well known in the industry for providing unparalleled products and service. Our commitment to our customers continues long past product delivery.**



OPTIONAL DRIVER CUSTOMIZATION

- Driver-configurable selection of background images and accent colors
- Adjustable day / night brightness levels, with extra contrast available for nighttime driving



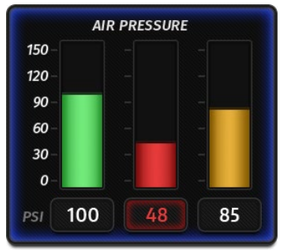
Multiple input options include rotary knob/ joystick (left), touchscreen, steering wheel paddles and buttons.



SEAMLESS INTEGRATION

- Valid's Instrument Cluster unifies the display of information from both chassis and house systems into one visually-appealing interface
- Extensive built in I/O, connectivity options, and an intergrated fuel sender interface reduce the need for extra modules, streamlining wiring and intallation
- New DriveTech 4 consol provides simplified CAN only solution when I/O is not required

"When you select Valid as a supplier, you get a partner that is committed to your long-term success."



Choose how information is displayed – needles, bars, symbols, words, and more.



Pre-drive checklist lets you know when it's safe to drive. This display is completely configurable.



An integrated fuel sender interface helps simplify wiring.



Battery power level



Tire pressure

INFORMATION DISPLAY

- Engine gauges / MIL
- EV drivetrain and battery
- Transmission
- Brake system
- Air system
- Tire pressure monitoring system (TPMS)
- Suspension and leveling
- Fuel and trip information
- Diagnostics (OBD)
- Status of slide, step, entry or door status
- Battery voltages
- Generator / shore power status
- Camera video (IP)
- Additional options available – please contact Valid for details

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SPECIFICATIONS

- High brightness anti-reflective display avalailable in 10.1, (16:10), 12.1” (4:3), 12.3” (8:3), 15” (4:3), 15” (8:3) or 18.5”(16x9)
- Quad-core processor with GPU
- Dedicated I/O processor
- Ethernet, RS232
- Dual CAN bus (J1939 250k / 500k and RV-C)
- Fuel-sender input (resistive)
- Operating temperature range -30°C to +70°C
- Audio output via integrated speakers
- Standard I/O connections: 15 digital + 4 analogue inputs and 3 digital outputs.



Additional sizes available upon request



EV Instrument Cluster

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