



INSPECT • TRACK • KNOW

## V2J™: HIGH-DEFINITION GPS & VEHICLE DIAGNOSTICS

### FOR REAL-TIME FLEET MANAGEMENT

The V2J provides next generation GPS capabilities that combine real-time delivery of vehicle condition with performance data, in one simple-to-install device.

- **High-Definition GPS** - Provides the first GPS system to capture data in four dimensions: latitude, longitude, time and odometer. A vast improvement over a typical GPS solution is experienced because Zonar cost-effectively captures higher sample rates and adds odometer data into the equation.
- **Vehicle Diagnostics System** - Provides real-time transmission of vehicle subsystem data. With V2J, subsystem data like fault codes are transmitted instantly so the condition can be read remotely by fleet operations at the same time the vehicle driver is seeing the indicator light appear.
- **Platform** - Integration is easy because V2J is a platform, not just a tracking technology. In addition to pre- and post-trip integration, other vehicle functions including PTO activation, wheelchair lifts and boom-and-bucket movements can be captured, reported and recorded.
- **The Combination** - Provides a powerful real-time platform for transmitting precise information effectively. Fleets can manage activities more efficiently like travel stops, speeds, routes, excessive idling and specific onboard events. With Zonar, this powerful combination is available in a single device.



### HIGH SAMPLE RATE AND 4-D DATA PROVIDE PRECISION

The V2J is different from the typical GPS solution because it provides more accurate location data, at faster intervals, cost-effectively. The high sample rate and four-dimensional recording of every data point provides fleets a new level of precision. Data is transmitted, collected in a secure database and accessed from any web-browser via our Ground Traffic Control™ application. This speed and accuracy has a profound impact on fleet operations and decision making.

- **Dynamic Geo-Fencing** - Creates geographical tracking parameters and sends alerts when conditions vary.
- **True Idle, Speed and Odometer** - Accurate location and performance data when needed.

### REAL-TIME VEHICLE DIAGNOSTICS BY REMOTE ECU ACCESS

Gathering fault code data is typically done by using expensive diagnostic equipment that requires the mechanic and vehicle to be together. This means fault code interpretation is occurring long after warning lights first appear and the damage is done. With the V2J, electronic subsystems data can be read remotely because it is instantly transmitted to fleet operations at the same time the vehicle driver is seeing the indicator light, providing a real-time picture of vehicle health.

- **Internal J3 ECU Interface and Access** - Captures and transmits electronic control unit information and delivers vehicle condition and performance data in real-time.

### ALL IN ONE DEVICE, ONLY WITH ZONAR

Zonar provides the only solution that ensures that the latest and previous versions of the SAE data bus protocols are in a single device. This is important because fleets are a mix of older and newer vehicles, so having one device that is simple to install and maintain on the entire fleet delivers its own savings.

- **SAE J1708/1587 and J1939** - All included in the same device, coupled with HD-GPS.

### REMARKABLE CAPABILITIES AND AFFORDABILITY

What is remarkable is that all this advanced functionality and the benefits won't cost you more than less capable solutions. Fleets can protect their people, vehicles and cargo all at the same time, in real-time, with V2J. That's the Zonar advantage.

## FEATURES & BENEFITS

As with all Zonar products, the list of V2J features are long and the benefits impressive. With the V2J, fleets are positioned to make the best decisions possible about how to operate their vehicles, assist drivers and enhance performance in real-time.

FEATURES	BENEFITS
• True Idle, Speed and Odometer	• Driver Performance and Location
• Internal J3 ECU Interface	• Real-Time Delivery of Engine Condition and Performance Data
• Integrated Antenna	• No Drilling Required, Facilitates Quick and Easy Install
• High Accuracy	• Enhances Route Planning Integration
• Peel-and-Stick Installation	• Dramatically Reduces Installation Time and Cost
• Dynamic Geo-Fencing	• Data Analytics, Exception Reports, Event Alerts
• EVIR Integration	• Associate Driver with a Vehicle
• Data Port and 5 Discrete Inputs	• Pinpoint Recording of Onboard Events
• Low Power Sleep Mode	• Prevents Battery Drain
• Expandable Architecture	• Peripheral Inputs, Mobile Display Terminal

## SYSTEM COMPONENTS & SPECIFICATIONS

### COMPONENTS

- V2J GPS Unit
- V2J Peel-and-Stick Mounting Plate

### Optional Accessories:

- External GPS Antenna
- MiniWing Style GSM Antenna
- 5-Input Wiring Harness

### SPECIFICATIONS

- Operating Temp: -40C to +85C
- DC Input Range: 8.0Vdc to 30.0Vdc

### GPS Receiver

- WAAS Capable
- Very High Sensitivity Receiver
- Rapid Acquisition of Satellites
- GPS Signal Acquisition, Tracking and Navigation
- Onboard GPS Data Storage

### DIMENSIONS

- Length: 6.00 in.
- Width: 3.70 in.
- Height: 1.25 in.

### COMMUNICATION

#### GSM Cellular Transceiver

- Quad Band 850/1900 900/1800
- GPRS



Zonar's V2J components include a GPS unit and a peel-and-stick mounting plate. The V2J provides next generation GPS capabilities that combine real-time delivery of vehicle condition with performance data, in one simple-to-install device.

## ZONAR: IT PAYS TO HAVE THE RIGHT FLEET MANAGEMENT PARTNER

Zonar provides electronic fleet inspection, tracking and operations solutions for public and private fleets. Our products are effective, driven by customer satisfaction and affordable by design. We've made it our business to do right by our customers. **You will notice the difference.**



[www.zonarsystems.com](http://www.zonarsystems.com)

CONTACT US TODAY • CALL TOLL-FREE: 877 843 3847 EMAIL: [info@zonarsystems.com](mailto:info@zonarsystems.com)