



EZ-500



FLEET

TARGET MARKETS

This product will support all general business needs, especially those that want advanced functionality, current and planned.

DEVICE DESCRIPTION

The **EZ-500** is one of our most versatile fleet tracking device, incorporating 4G Technology. The device is designed to be utilized for any fleet tracking need as it can support all our current and planned functionality. Such as multiple inputs for PTO (power take off), SID (Starter Interrupt/Disable), Tow Alert and remote Door Unlock. Its Bluetooth module provides flexibility for future features, like Driver ID and Driver based applications. It is built with the quality components needed to meet the high reliability and the large amounts of data required to meet the robust needs of continuous fleet tracking.

KEY FEATURES/BENEFITS

- Reports every 1 minute plus heading changes > 15°.
- Internal dual cellular and GPS satellite antennas reduce installation time, improves cellular signal reception, and better supports a covert installation.
- Internal battery back-up allows us to report even if the device power is compromised, tampered with or disconnected.
- Capable of storing and forwarding all satellite tracking data (once the device recognizes cellular connectivity) up to 2,000 data points (which is critical, when any vehicle travels beyond a cellular network).
- Includes, "smart power management" which allows the device to recognize when a vehicle is turned off which triggers the device to go into a sleep mode, which will significantly reduce the possibility of the device causing any vehicle battery issues.
- Utilizes the 4G LTE CAT M cellular networks to transmit all the vehicle generated data (an unlimited cellular data plan is included with your service). This device utilizes a Multi-Carrier/Multi-National SIM that uses Verizon, but also ROAMS as needed utilizing the AT&T network. When in Canada, the device will utilize the Telus cellular network. When in Mexico, or the Caribbean the device will utilize either AT&T or the Telefonica network.
- Built Rugged and Secure – advanced security protocols and is RoHS, Reach and SAEJ1455 compliant.



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DEVICE SPECIFICATIONS

Size: 151mm x 66mm x 25mm

Weight: 150 grams

Operating Temp:

Powered: -40°C to 70°C

Battery: -20°C to 60°C

Charging: 0°C to 45°C

Wireless Specs: Global LTE Modem

Cat M/NB-IoT

Global Bands: 2G: 850, 800, 1800, 1900

Operating Voltage: 6-48 VDC

Location Accuracy: +/-2.0m CEP

Internal Back-up Battery: 1.3Ah

Certifications: FCC, CE, IC, PTCRB, RCM

Device LED's: 2 LED's

Internal Antennas:

Cellular Primary & Secondary

GPS

Bluetooth: 5.0 (Master, slave, LE Data packet)

External Options:

Digital Inputs x3

Outputs x2

CAN 2.0B x 1 (ISO-15765 or J1939)

RS32

ISO-9141 K line for Tachometer

J1708 (Firmware support TBC)

DEVICE SOFTWARE HIGHLIGHTS

- Web based; providing access to your fleet information limited only by your access to the internet; including a mobile viewer application that will auto size for smartphone or tablet.
- Fleet tracking updates every 1 minute + heading changes >20°
- UI Map refreshes automatically every 30 seconds
- Supports "closest vehicle" worker dispatch functionality. Which provides accurate ETAs, reduces wasted time between jobs and improves customer relations.
- Provides real-time location, speed, heading, stopping and mileage reporting.
- Track maintenance schedules based upon real time mileage information.
- Provides hard braking, hard turns and hard acceleration information to help eliminate unsafe driving behavior.
- Monitor idling to reduce fuel and unnecessary wear on your vehicle.
- Provides exact arrival and departure data relative to any task, which will increase billing accuracy and reduce billing write-offs and disputes.
- Provides the ability to create customized zones (landmarks) and receive data relative to the entering, exiting and time spent within each customized zone.
- Mapping with Google Street View and Google Earth integration.
- Unlimited users (no additional software license fees or charges).
- Custom Map Icons (including the ability to input actual photos of each of your vehicles and drivers).
- Provides 24 months of historical tracking data on the reporting suite. Visually, you have access to 6 months data via our mapping tab.

OUR WARRANTY

We stand behind our equipment and software solution with our satisfaction guarantees

3-Year Device Warranty – If at any time during normal use your device stops working (excluding physical or water damage, or any change in cellular technology that renders the device obsolete) we will provide a replacement device at no charge. The commencement date is based upon the assignment of a billable rate plan to a device.

30-Day Money-Back – If at any time within 30 days after a device begins tracking you are not completely satisfied with your purchase or our software solution for any reason, we will give you a refund on the original purchase price of your device. (Not applicable with any leased/bundled program and does not include labor (if any)).