



AVL 500-3W

FLEET

TARGET MARKETS

Supports most business needs, especially those that want advanced functionality, with the exception of our video solution.

DEVICE DESCRIPTION

The **AVL 500-3W** 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 (powertake 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 20 seconds plus heading changes > 10°
- Internal cellular and GPS satellite antennas reduce installation time and support 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 5000 data points, which is critical if and when any vehicle travels beyond a cellular network.
- Includes "smart power management," which allows the device to recognize when a vehicle is turned off, triggering the device's "sleep mode" and significantly reducing 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). Which includes the best coverage of Verizon, T-Mobile and AT&T (in that network order) and when in Canada, the device will seek the Telus, Rogers and Bell cellular network (in that order) and Telefonica within the Mexico, Latin America and Caribbean markets.
- Built Rugged and Secure – RoHS, Reach, and SAEJ1455 compliant.

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DEVICE SPECIFICATIONS

Size: 151mm x 66mm x 25mm
Weight: 150g
Operating Temp:
Powered: -40°C to 70°C
Battery: -20°C to 60°C
Charging: 0°C to 45°C
Wireless specs: Global LTE Cat 4 Modem
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
External Options:
Digital Inputs x3
Outputs x2
CAN 2.0B x 1 (ISO-15765 or J1939)
RS32

DEVICE SOFTWARE HIGHLIGHTS

- Web based; providing access to your fleet information limited only by your access to the internet with a desktop, smartphone, tablet
- Fleet tracking is set at 20 seconds plus turns >7°
- Supports "closest vehicle" worker dispatch functionality providing accurate ETAs and reduce wasted time between jobs and improve customer relations.
- Provides real-time location, speed, heading, stopping and mileage data.
- Track maintenance schedules based upon real time mileage data.
- Provides hard braking and hard acceleration information to help reduce or 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).

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OUR GUARANTEE

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

2 Year Warranty – If at any time during the course of normal use your device stops working (excluding physical or water damage) we will provide a replacement device at no charge.

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 3 year bundled plans.)