

The
SuperStarTM
Solution for Automatic Vehicle Location
(A V L)
in Motor Vehicles

The SuperStar is the “workhorse” of the ONESTAR lineup, with the same basic “internal ingredients” used in the SuperStar, the WAL 101, plus variants for marine applications, motorcycles, towed equipment, off-road vehicles, as well as fixed (non-GPS) site monitoring of chemical tank levels, etc.

SuperStar devices are internationally certified to operate on the Aeris MicroBurstTM network, the most ubiquitous land-based wireless data transport system in all of North America.

SuperStar communications are all digital and packetized and provide an extremely high level of reliability and delivery speed. All wireless links between SuperStar and the nearest tower are sent five times; three of the five must be identical, or the process is repeated.

For maximum long-term resilience in the field, most programming changes are done over-the-air.

Most SuperStar installations require less than one hour, including voice contact with ONESTAR tech support to confirm correct operation. No FCC license is required of installers.

Numerous antenna types are offered, including covert, semi-covert, glass mount, through-hole mount and magnet mount.



The
SuperStar™
Solution for Automatic Vehicle Location
(AVL)
in Motor Vehicles

SuperStar is a Global Positioning System (GPS) vehicle location system designed for use in the U.S., Canada and Mexico.

SuperStar dependably delivers accurate location reports on demand, or per a pre-set schedule, using the MicroBurst™ network



Construction

- Extruded aluminum case, 4.2 inches X 3.2 inches X 1.2 inches
- Single multi-pin connector for power, I / O connections
- SMA connectors for GPS, COMM antennas
- Integral flanges for easy mounting in any position

Environmental

- -35°C to +85°C storage range
- -8°C to +70°C working range
- 85% non-condensing

Electrical

- 12 volts to 22 volts DC
- 36 inch power cable included

Wireless Network Standard

- Aeris MicroBurst™ Certified (AMPS 800 MHz)
- Maximum allowed transmit power (3.0W)

GPS

- 12 channel GPS receiver
- 3.2 volt supply for active antennas

General Features

- 1 year warranty; parts, labor + return freight
- 1 hour average installation time, including online testing
- No user or installer license required; FCC Part 15 exempt
- 4 digital inputs, 2 digital outputs
- “Speeding” reports available
- “Geofencing” reports available
- Programmable location reporting schedule
- Location report on demand
- High performance, low profile and covert antennas available