

**The WAL 101™
solution for
Towed Vehicles**

This *Catalog* was prepared to provide authorized distributors of GPS ONESTAR with a comprehensive overview of all ONESTAR products and services.

Please refer to the preceding SuperStar page for general description.

In WAL 101 configuration, the SuperStar is well-dressed to serve trailer tracking and other towed vehicle requirements.

The WAL 101 is housed in a non-metallic case designed to fit inside the front wall of semi trailers, between the structural “studs”. The case is sufficiently large to provide secure space for large-capacity batteries.

The WAL 101 has several operating modes, but will typically transmit location information once every 24 hours. When tethered to a tractor, the batteries are charged directly from trailer power and will last approximately forty-five days in untethered state.

The power cable of the WAL 101 requires just two connections; one to the nearest metallic ground and the other to the lighting circuit.

Only one hole for the antenna cables is required through the front of the trailer; the innovative WAL 101 antenna replaces the top center running light and is almost undetectable from ground-level inspection.



WAL 101 is a Global Positioning System (GPS) vehicle location system designed for use on towed vehicles (trailers) in the U.S., Canada and Mexico.

WAL 101 dependably delivers accurate location reports per a pre-set schedule, using the MicroBurst™ network.



Construction

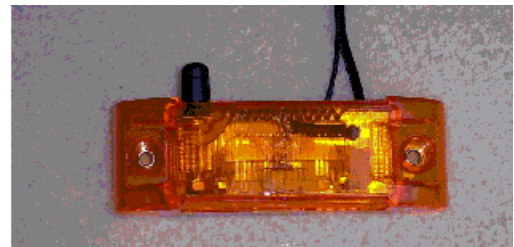
- High-impact plastic case, 7.2 inches X 11.2 inches X 1.0 inches
- Single multi-pin connector for power, I / O connections
- SMA connectors for GPS, COMM antennas
- Integral flanges and hangar bracket (supplied) for easy mounting in trailer wall

Environmental

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

Electrical

- 12 volts battery power, 12 to 22 volts DC charging
- On board battery charger, power cable included
- 7 AH gel-cell batteries mounted within case



Innovative Antenna System

in Marker Light

Wireless Network Standard

- Aeris MicroBurst™ Certified (AMPS 800 MHz), 3.0W transmit

GPS

- 12 channel GPS receiver, 3.2 volt antenna supply

General Features

- 1 year warranty; parts, labor + return freight
- ½ hour average installation time, including online testing
- No user or installer license required; FCC Part 15 exempt
- 2 digital inputs, 2 digital outputs
- “Geofencing” reports available
- Programmable location reporting schedule, 1 X/day, 2 X/day, 1 X/week
- Location report on demand, request held in queue
- High performance, covert combination antenna contained in marker light