

# PRODUCT DATASHEET

# SkyBitz GLS 310



GLS 310

## GLS 310 Specifications

The SkyBitz GLS 310's integrated design includes a software-based radio, antennas and a "AA" lithium battery pack in one small rugged package. The GLS 310 is the only satellite based device on the market that enables information and tracking services without using an embedded GPS chipset. This means you get all the benefits of GPS navigation without the high battery consumption and imposing up-front hardware costs.

A combination of SkyBitz's proprietary and patented Global Locating System (GLS) and the sophisticated radio design results in a low maintenance GLS 310 with battery life that last for years beyond GPS-based tracking products.

The self-contained GLS 310 is attached to the trailer roof using a mounting bracket, which eliminates the need to cut a hole in the trailer roof or nose wall. For total asset visibility and control, the GLS 310 can be controlled and monitored through the SkyBitz Customer InSight Web application giving you the tools necessary to drive operational efficiency.

The GLS 310 complies with the UL 913 standard for Intrinsically Safe Apparatus and Associated Apparatus as certified by an NRTL. That's the highest qualification needed to track shipments that have ignitable concentrations of flammable gases, vapors or liquids over road, rail or barge.

<b>Frequency of Operation</b>	L Band transmit and receive
<b>Transmit EIRP</b>	1 Watt
<b>Dimensions</b>	9 5/8" x 7" x 1" (244.48 mm x 177.8 mm x 25.4mm)
<b>Power</b>	Batteries: Internal: "AA" lithium primary batteries; External: Regulated 6 volt vehicle power with Automatic sensing and switching of external power
<b>Weight (w/batteries)</b>	3 lb
<b>Operating Temperature</b>	-40° C to 70° C
<b>Storage Temperature</b>	-55° C to 85° C
<b>Vibration</b>	MIL-STD-810F, Method 514.5, Figure 514.5C-1, US Highway Truck Vibration Exposure
<b>Shock</b>	MIL-STD-810F, Method 516.5, Procedure I
<b>Salt Fog</b>	MIL-STD 810F, Method 509.4, for a total of 14 days.
<b>Humidity</b>	100% Condensing
<b>Water Immersion</b>	1 Meter, 30 Minutes
<b>Mounting</b>	Stainless Steel Mounting Bracket Bonded to Trailer Roof with 3M VHB Tape, including Stainless Steel safety tether.
<b>Compliance</b>	UL60950-1/CSA C22.2 No. 60950-1; UL913, Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, Class II, and III, Division I, Hazardous (Classified) Locations; CSA C22.2 No.157: Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations, FCC Part 25, Industry Canada RSS-170

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