



# Smart Proximity Detection System

SPECIFICATION SHEET

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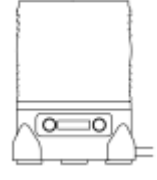
## Overview

Laserglow's Smart Proximity Detection System (SPDS) is an intelligent proximity alert safety system that prevents collisions by alerting the operator of danger using 2 way communication to both drivers and pedestrians. This includes when a pedestrian approaches a vehicle or when a vehicle approaches another vehicle. It is easy to install without causing any damage to vehicles, and features industry leading proximity detection technology.

## Key Features

- UWB technology-based highly accurate distance measurement. Can detect multiple pedestrians or vehicles at the same time.
- SPDS is OEM-independent, so it is ideal for mixed fleets. Can be fitted to new forklift trucks or retrofitted on your existing fleet.
- Out-of-the-box with no-registration and no-calibration.
- Simple and customizable configuration and operation..
- Acoustic or vibrated alarm for both a driver and a pedestrian.
- Different alert zones for vehicle to vehicle interaction versus vehicle to pedestrian interaction.

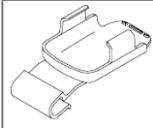

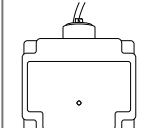
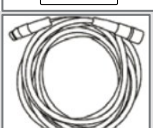

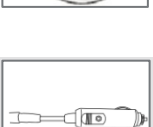
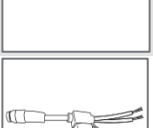
# Specifications

	Vehicle Tag (VT)	Vehicle Indicator (VI)	Pedestrian Tag (PT)	Flashing Vehicle Beacon
				
<b>Input Voltage</b>	12/24 V DC (9-32 V DC)	12/24 V DC (9-32 V DC)	-	12/24 V DC (9-32 V DC)
<b>Current Draw</b>	300 mA	500 mA	-	500 mA
<b>Interface</b>	CAN Bus 2.0	CAN Bus 2.0	-	CAN Bus 2.0
<b>Alert Method</b>	Red/green LED Flashing	Red/green LED flashing + spoken warning	Vibration, audible alarm, or both	Flashing LED beacon + audible alarm
<b>Sound Level @ Distance</b>	-	92 dB @ 10 cm	87 dB @ 10 cm	88 dB @ 1 meter
<b>Battery</b>	-	-	950 mAh Lithium polymer	-
<b>Charging Interface</b>	-	-	USB Micro-B (5V/1A)	-
<b>Charge Time</b>	-	-	~1.5 hours	-
<b>Charge Current</b>	-	-	850 mA	-
<b>Operating Time</b>	-	-	6 days (at 8 hours/day)	-
<b>Size</b>	177.8 x 84.1 x 86 mm	93 x 130.5 x 47.5 mm	40 x 72 x 19.5 mm	123 x 141 x 112 mm
<b>Weight</b>	444 g	207 g	58.5 g	484 g
<b>Mounting Style</b>	Magnetic or zip ties	Screws/bolts or double-sided tape	Helmet clip or arm band	Magnetic
<b>Operating Temperature</b>	-30 to 85 °C	-30 to 85 °C	-20 to 55 °C	-30 to 85 °C
<b>Storage Temperature</b>	-40 to 85 °C	-40 to 85 °C	-20 to 55 °C	-40 to 85 °C
<b>Waterproofing</b>	IP65	IP65	Water resistant	IP65

Available Colors	-	-	-	Red or Amber
Standard Warranty	12 months	12 months	12 months	12 months

## Accessories

The most popular accessories for this model are shown here. For additional details regarding these or other accessories please see our website or contact us directly.

	Helmet Clip	Attach Pedestrian Tag to hardhat or helmet
	Armband	Attach Pedestrian Tag to arm of user
	External Output Device	Attach additional devices to be activated or triggered by SPDS devices
	Extension Cable	Increase distance between connected devices or between devices and power source
	Cable Harness	Attach multiple devices together on the same vehicle (supported devices: VehicleTag, Vehicle Indicator, Flashing Vehicle Beacon, External Output Device)
	Cigarette Lighter Adapter	Connect SPDS devices to vehicle power
	Open Wire Adapter Cable	Connect SPDS devices directly to vehicle battery or power system

**E&OE: Data included in this sheet may be subject to change without notice. Please confirm critical specifications with our staff prior to ordering.**