

# SOLAR VEHICLE OVER HEIGHT WARNING SYSTEM



## Features

The SOLTECH Vehicle Over Height Warning System is designed to visually alert drivers of an upcoming height restriction in sufficient time to avoid impact. Distracted or tired drivers of oversized vehicles often fail to notice they have collided with a traditional height bar and proceed to impact the hazard it is designed to protect. The Vehicle Over Height Warning System projects a high-powered infrared beam across the roadway ahead of the low-clearance structure. The height adjustable, post mounted infrared beams are connected wirelessly and to a visual warning system installed in front of the driver. When the beam is broken the system is activated and the visual warning system becomes animated alerting the driver in time to stop and avoid the height restricted area.

Highly effective, custom designed Vehicle Over Height Warning System

Multiple systems can be connected wirelessly, up to 80m apart

Dramatically increases driver's awareness of hazards

All component modules are off grid, solar powered and wirelessly connected

240v-12v converter module available for use in internal environments

IP67 Waterproof design

Lockable battery and component enclosure

Premium Phillips LEDs

Custom posts manufactured on request

2 year warranty for faulty workmanship or component failure not influenced by external means



Luminaire Height Variable

Lumen Output Variable

LED Output Variable

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## Product Options Available

Ultra-bright, weatherproof, animated LED sign face. Alternative signs available on request.

Long Range Infrared Detection Sensors - Up to 150m range. Standard supplied sensors have 30m range.



## Applications

Roadways | Construction Zones | Distribution Centers

## Technical Data

Sign Face	Variable
Sign Face Material	3M Class One Reflective
Display Colour	Variable
Solar Panel Wattage	80W
Led Output	Variable
Lumen Output	Variable
Battery Type	LiFePO4
Battery Specifications	48Ah 12v (576Wh)
Autonomy	> 5 Nights, Setting Dependent
Light Source	SMD LED
Recharge	<6 Hours
Mounting Height	Variable
Standard Mounting	Galvanised Steel Column
Finish	Various
Warranty Period	2 Years
SKU	SOLHC001

## Mode of Operation

LED interface module becomes animated when the infrared beam is broken

As we continue to improve the products function and/or design specifications and data provided may change without notice. Errors and omissions accepted.