

BRIDGE STRIKE MONITORING

LOW BRIDGE DETECTION SYSTEM

1,666 BRIDGE STRIKES 2024-2025

Most of the recorded vehicles that hit railway bridges are Heavy Goods Vehicles (HGVs) and buses, at a cost of around £13,000 per strike - costing the UK taxpayer around £23m a year

Bridge strikes damage vehicles, disrupt operations, and create significant financial exposure.

In most cases the financial responsibility falls on the vehicle operator or their insurer.
A single strike can mean costly repairs and unexpected downtime.

For fleets managing multiple vehicles with varying trailer and load heights, relying on driver memory, manual route checks, or static height signage simply isn't sufficient.

A low bridge detection system is an additional driving aid to help prevent bridge collisions and reduce costs.



- **10 - 30 VOLT MULTI VOLTAGE**
- **VISUAL & AUDIO ALERTS**
- **AI DETECTION**
- **FULL HD CAMERA**

SYSTEM INCLUDES

Full HD camera - Scans the road ahead to detect height restriction warning signs

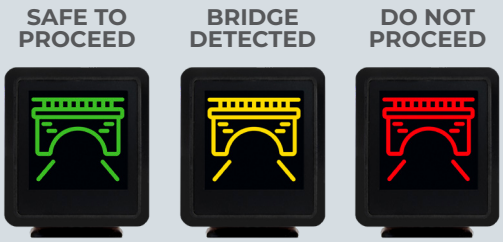
Display with alarm - Visual and audible in cab display to alert the driver to a potential hazard

ECU Control - AI ECU control box

Aerial - Wireless set up, allows drivers to set up their exact vehicle and cargo clearance height

Wiring loom - Easy installation

LBD1



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