



BRIGADE®

DRL

Transport Vehicle Parts & Services

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SMART RADAR FOR SIDE DETECTION

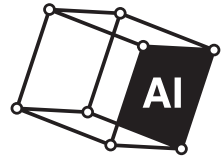
INTRODUCING RADAR PREDICT

Brigade's Radar Predict is the latest innovation in side-detection safety, specifically designed to protect cyclists from collisions with HGVs. The advanced radar system uses AI technology to detect a potential collision by analysing data such as speed and direction of both the vehicle and cyclist. By differentiating between static and moving objects, the Radar Predict algorithm alerts the driver when an impact with a cyclist is likely.

Features

- Compatible with both rigid and articulated vehicles, offering versatility in application
- Predicts cyclist collisions without reporting on static objects reducing false alerts for the driver
- 180° Cyclist detection active when vehicle speed is below 20 mph
- Quick and easy installation, no CAN connection to the vehicle

RADAR PREDICT



HGVs pose a risk to both pedestrians and cyclists, with collisions involving a large vehicle far more likely to prove fatal than those involving a car. Many collisions between cyclists and HGVs occur because the driver has limited direct vision (the ability to see what is outside their cab without using indirect means of mirrors or cameras).

The single dual-radar unit is fitted on the nearside of the truck and gives complete coverage to the side of the vehicle, including the trailer unit. The trailer discovery mode detects whether the vehicle is fitted with a trailer and prevents articulation causing false alerts. The driver is alerted if a cyclist enters the detection zone and receives a second warning if a collision is predicted.

- 180° Cyclist side detection
- Detection area of 4.5m x up to 37m
- Quick and easy installation
- Available for left and right-side applications
- Meets UNECE Regulation 151 requirements
- Complies with DVS PSS Requirements
- 2 Year Warranty



Radar Predict Kit Left Side

Part number 7500 • Model no RP-001

Specifications

Operating voltage: 12V-24V
Power consumption: 6.5W
Operating temperature: -40C - +85C
Radar frequency: 77GHz
Protected housing: IP69K sensor

Durability & Standards

CE marked
UK CA marked
FCC approved
E-marked
UNECE R10 compliant

About us

Brigade Electronics is a market leader of safety devices, with solutions to suit all commercial vehicles and mobile plant. Our complementary range of safety devices helps prevent collisions by assisting the driver whilst protecting workers, pedestrians and cyclists.

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