

Obstacle Detection

- Enhances safety with blind-spot detection and collision alerts for the left-side of the vehicle.
- Utilises AI to identify moving cyclists, pedestrians, and similar vulnerable road users (VRU) at speeds ≥ 5 km/h.
- Three stages of alert determined by object movement, vehicle turning angle, proximity, and the likelihood of collision.
- Complies with UNECE R151 regulations for driver warnings and detection of VRUs such as cyclists and pedestrians.
- Installation allows vehicles to comply with ADR 105/00.
- Suitable for most rigid and articulated vehicles.
- 180° side coverage for full blind-spot awareness.
- Active when travelling under 30km/h.
- Compact colour display with adjustable audio and adaptive brightness.
- Simple installation – no calibration required.
- Environmentally sealed radar - IP69K.
- 3-year warranty.



Radar Predict

Voltage : 8–32V
 Radar Sensor Current Draw : 270mA @ 24V
 Radar Frequency : 76–77 GHz
 Ingress Protection : Radar Sensor IP69K
 Radar Weight : 230g
 Operating Temperature : -40°C to 85°C
 Approvals : CE, UNECE R151 & R10



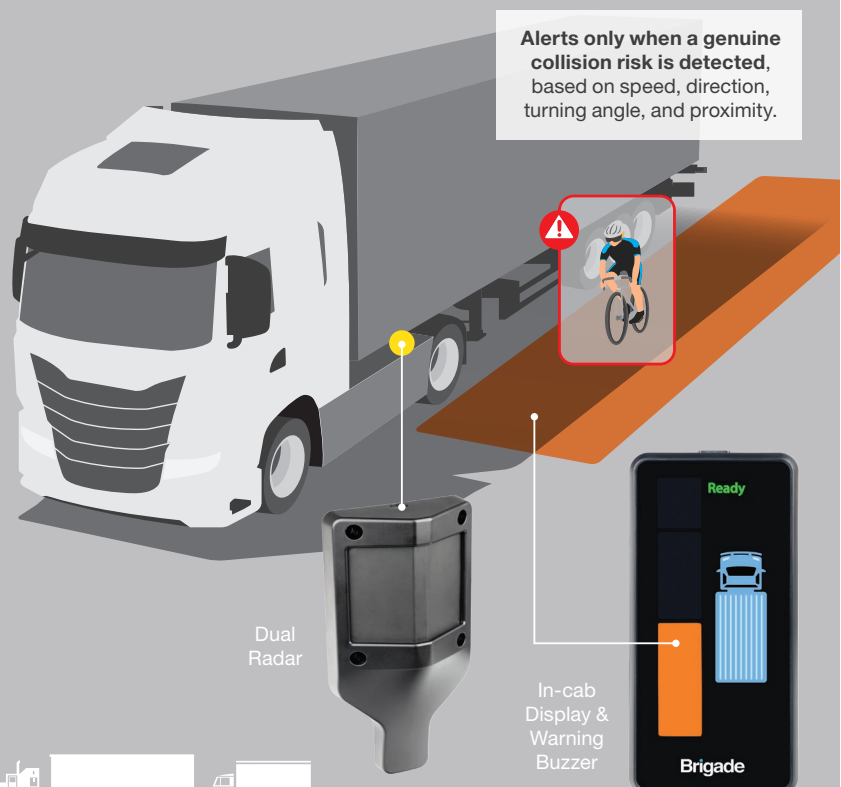
Alerts – Not Distractions

Radar Predict uses dual radars and AI to monitor the nearside of the vehicle, detecting vulnerable road users (VRUs) such as cyclists and pedestrians.

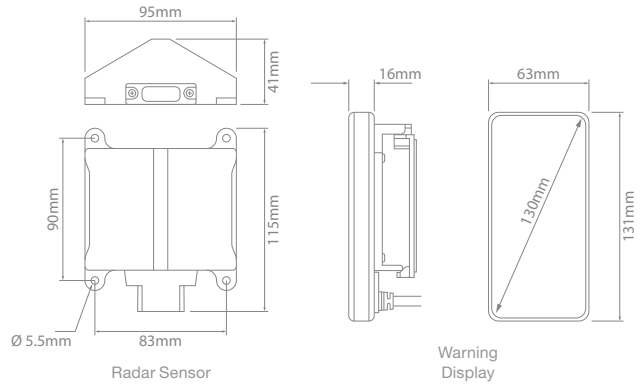
The system is only active when the truck is travelling at less than 30km/h, this includes being in a stationary position.

It analyses speed, direction, vehicle turning angle, and proximity to predict potential collisions, issuing alerts **only when a genuine risk is detected**.

The system delivers visual and audible warnings based on threat level, helping drivers respond before an incident occurs.



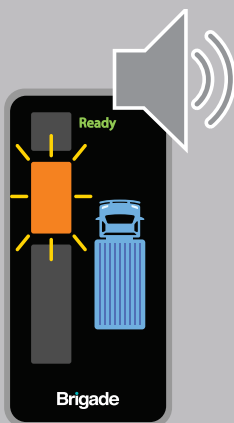
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Radar Predict

Part No.	Description	Kit contents:		
RP-001	Complete kit for the left-side of vehicle detection	1 x Radar Sensor 1 x Radar Cover	1 x Warning Display – 1.9m cable 1 x Cable Harness – 5m	1 x GPS / IMU Module – 1.4m cable 1 x Spirit Level

Radar Predict – Warnings & Zones



Radar Predict uses AI to anticipate collision risk. One of three orange zones lights up to show the cyclist's position, with three alert levels showing the risk of impact.

- Level 1 – Lights on
- Level 2 – Lights flash
- Level 3 – Lights flash & audible alert

