

# Ultrasonic Obstacle Detection Sensors



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Reducing blind spots and improving driver visibility are important issues for operators of road-going vehicles. Brigade's ultrasonic proximity sensors minimize both vehicle damage and collisions with pedestrians, cyclists or objects. Perfect for road-going commercial vehicles operating in confined spaces or maneuvering at low speed. The detection system alerts the driver of obstacles close to the vehicle, whether moving or stationary.

Brigade's range of ultrasonic sensor systems include; **Backscan®**, **Frontscan®**, **Sidescan®**, **Cornerscan™** and **Stepscan™**.

- Gives peace of mind to the driver
- Greater protection to pedestrians, cyclists, and workers
- Minimizes damage to vehicle, property, and other objects



## About us:

Brigade Electronics is a market leader of safety devices, with solutions to suit all on and off-road vehicles.

Brigade's complementary range of safety devices help prevent collisions by assisting the driver while protecting workers, pedestrians, and cyclists.

**Many incidents involving vulnerable road users, especially cyclists are due to the nearside blind spot.**

# Ultrasonic Obstacle Detection Systems



The detection system alerts the driver of obstacles close to the vehicle, whether moving or stationary. An audible and/or visual in-cab warning informs of distance whilst an optional external speaking alarm can be added to alert cyclists and pedestrians that the vehicle is turning.

## Backscan®

4 sensor system fitted to rear of vehicle as an invaluable aid to safe reversing.

- Underslung or flush mount installation
- System activated by reverse gear

## Sidescan®

4 sensor system fitted to side of vehicle. Particularly relevant for near side blind spot where cyclists or pedestrians can otherwise go undetected.

- Underslung or flush mount sensors
- System can be activated below designated speed and/or turn indicator
- Optional external speaking alarm with side turn warning

## Frontscan®

4 sensor system fitted to front of vehicle. Particularly relevant for front blind spot on high cabs where low objects or pedestrians can be hidden.

- System can be activated below designated speed

## Cornerscan™

3 sensor system fitted to near side corner of vehicle cab to detect objects in front near side blind spot. Minimises the risk of damage to the vehicle whilst maneuvering and turning whilst reversing.

## Stepscan™

2 sensor system fitted to nearside cab step. Minimizes the risk of damage to the vehicle when turning whilst reversing.

