

# Radar Obstacle Detection

Informs driver of distance between vehicle and obstacles, whether moving or stationary.

## Which model is for you?

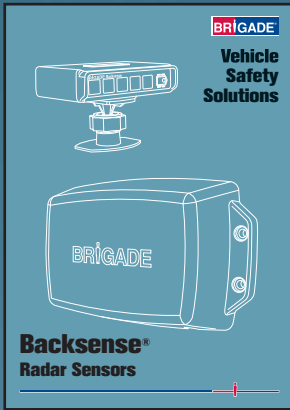
### Programmable

Top of the range programmable system allowing bespoke detection areas up to 30m in length and 10m in width, with the ability to calibrate out fixed objects or bodywork.

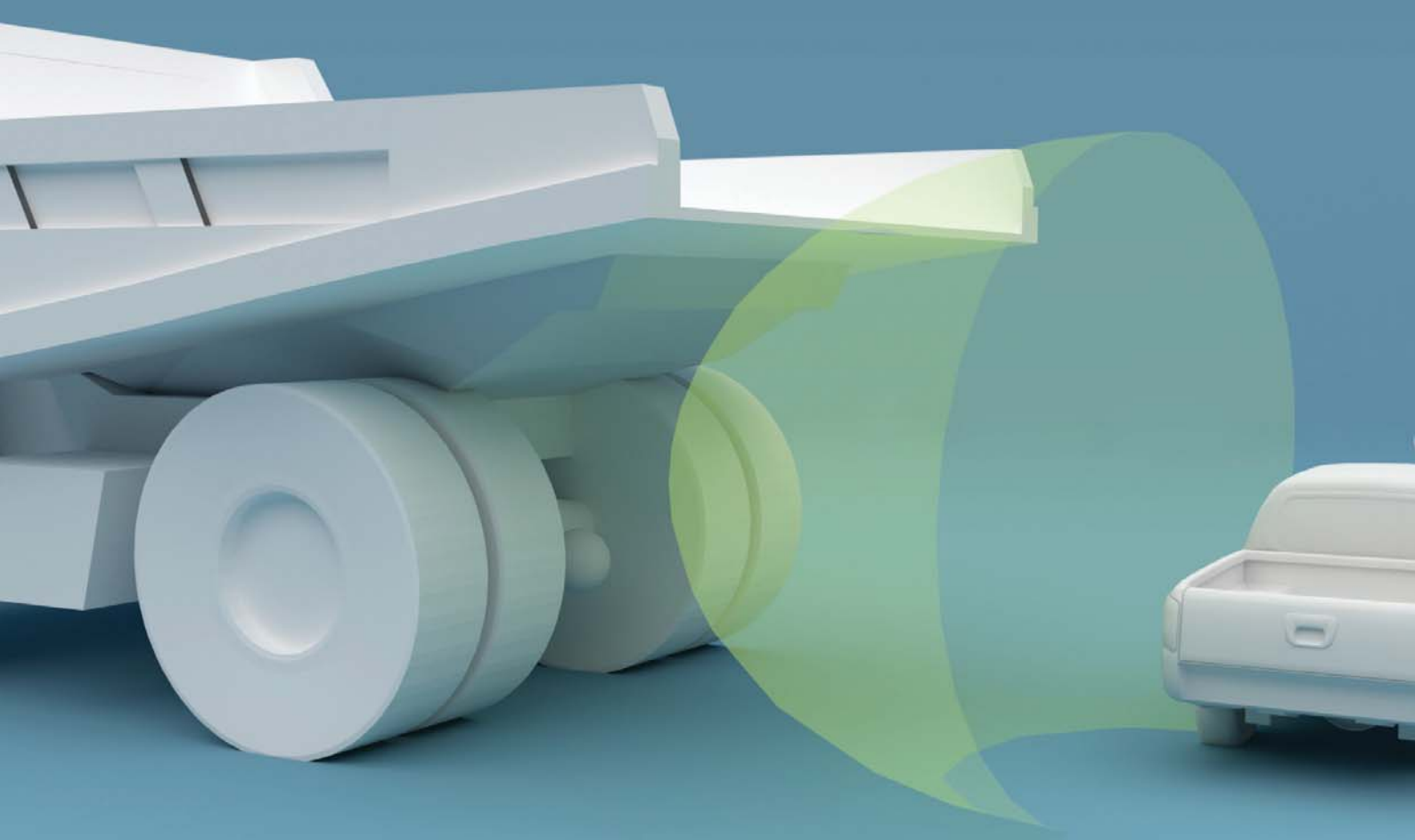


### Fixed

Fixed detection length and width. Ideal on machines where no calibration is required. Detection range of up to 6 metres.



[Available Brochure](#)



**Model**

**Part No:**

## PROGRAMMABLE BACKSENSE® OBSTACLE DETECTION

### BS-8000 - Programmable detection range

Sensor, AV display, 9m cable

**4530**



- 12-24Vdc
- **Detection length: 3 to 30m**
- **Detection width: 2 to 10m**
- **Rugged design for harsh environmental conditions**
- **Sensor size (WxHxD)**  
217 x 129 x 50mm
- IP69K sensor
- **2 year warranty**

#### Features

- Frequency modulated continuous wave (FMCW) radar technology
- Effectively detects stationary, moving and multiple objects
- 1 activation input
- 1 trigger output
- Programmable:
  - Detection area
  - Blind zones - system ignores fixed objects
  - Trigger activation
  - Buzzer
- 5 stage audible and visual distance warning display
- Resistant to water, moisture, dust, vibration, heat, cold, mud and glare

#### Power

- Current: 0.8 Amps
- Power consumption: 8 Watts

#### Durability & Standards

- Mechanical shock: 100G
- Mechanical vibration: 8.3G
- Operating temperature: -40 to +85°C
- CE marked
- EMC approved: E
- BS EN 13309: 2010
- ISO13766: 2006

## FIXED BACKSENSE® OBSTACLE DETECTION

### BS-7030 - 3m detection range, 2.5m width

Sensor, AV display, 9m cable

**4527**

### BS-7045 - 4.5m detection range, 3.5m width

Sensor, AV display, 9m cable

**4528**

### BS-7060 - 6m detection range, 4.5m width

Sensor, AV display, 9m cable

**4529**



In-cab display

- 12-24Vdc
- **Maximum detection range of 6m**
- **Rugged design for harsh environmental conditions**
- **Sensor size (WxHxD)**  
217 x 129 x 50mm
- IP69K sensor
- **2 year warranty**

#### Features

- Frequency modulated continuous wave (FMCW) radar technology
- Effectively detects stationary, moving and multiple objects
- 1 activation input
- 1 trigger output
- 5 stage audible and visual distance warning display
- Resistant to water, moisture, dust, vibration, heat, cold, mud and glare

#### Power

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#### Durability & Standards

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## EXTENSION CABLES

### BS-05DCX - 5m extension cable

**4550**

### BS-09DCX - 9m extension cable

**4551**

### BS-25DCX - 25m extension cable ( Display end connector supplied loose)

**4975**



## OPTIONAL EXTRAS

### BKT-017 - Adjustable radar bracket

with 105mm depth bracket mounting arms

**4676**

### BKT-018 - Low-profile adjustable radar bracket

**4758**