

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

Which model is for you?

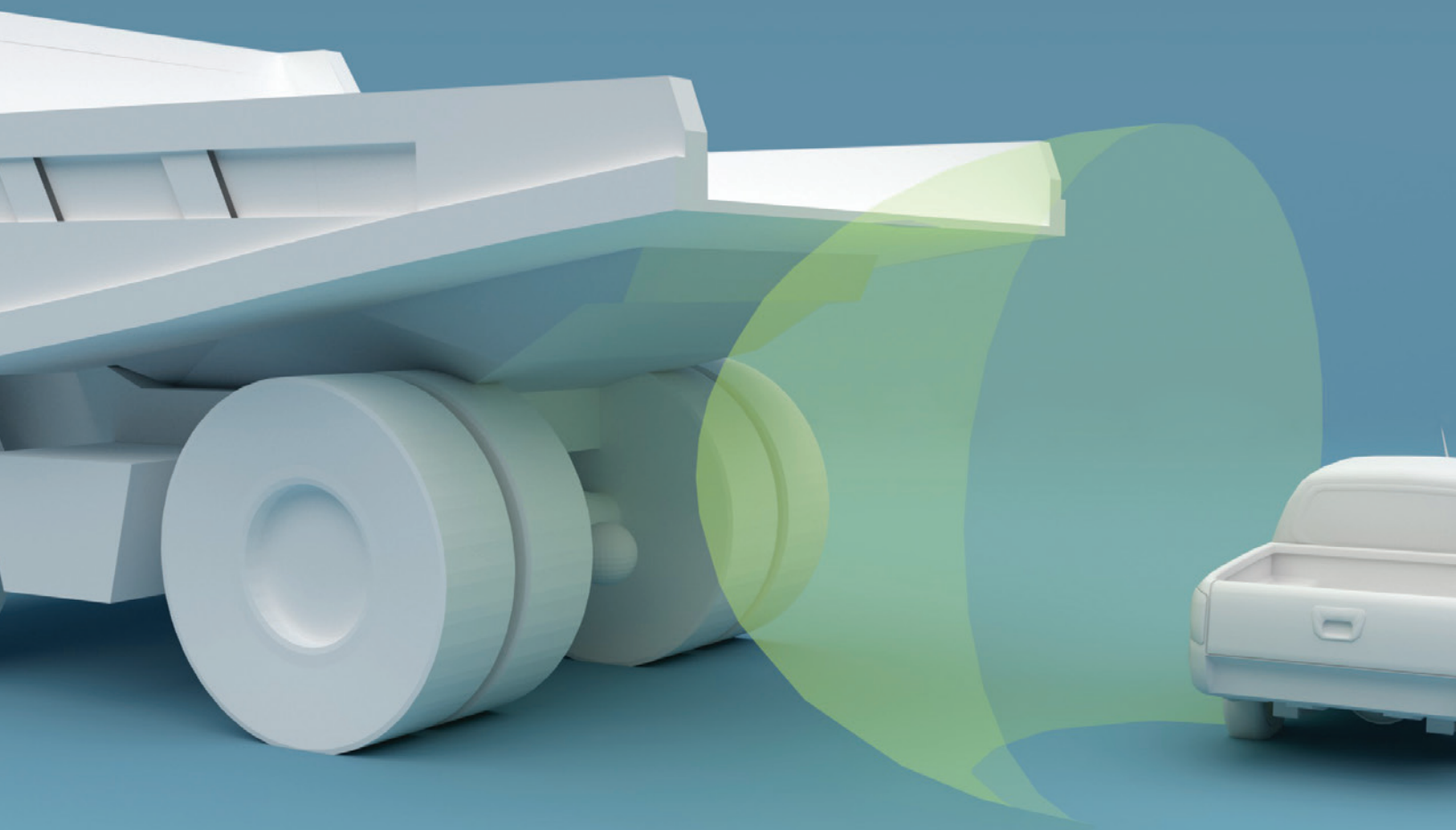
Programmable

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.



Backsense® Radar obstacle detection

Model

Part No:

PROGRAMMABLE BACKSENSE® OBSTACLE DETECTION

BS-8000 - Programmable detection range

4530

Sensor, AV display, 9m /29.5' cable



In-cab display

- 12-24Vdc
- **Detection length:**
3 to 30m / 10 to 98'
- **Detection width:**
2 to 10m / 6.5 to 33'
- **Rugged design for harsh environmental conditions**
- **Sensor size (WxHxD)**
217 x 129 x 50mm
8.5 x 5 x 1.9 inches
- **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 / -40 to +185°F
- CE marked
- EMC approved: E
- BS EN 13309: 2010
- ISO13766: 2006

FIXED BACKSENSE® OBSTACLE DETECTION

BS-7030 - 3m/10' detection range, 2.5m/8' width

4527

Sensor, AV display, 9m / 29.5' cable

BS-7045 - 4.5m/15' detection range, 3.5m/11' width

4528

Sensor, AV display, 9m/29.5' cable

BS-7060 - 6m/20' detection range, 4.5m/15' width

4529

Sensor, AV display, 9m / 29.5' cable



In-cab display

- 12-24Vdc
- **Maximum detection range of 6m /19.6**
- **Rugged design for harsh environmental conditions**
- **Sensor size (WxHxD)**
217 x 129 x 50mm
8.5 x 5 x 1.9 inches
- **IP69K sensor**
- **2 year warranty**

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- Frequency modulated continuous wave (FMCW) radar technology
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EXTENSION CABLES

BS-05DCX - 5m/16' extension cable

4550

BS-09DCX - 9m/30' extension cable

4551

BS-25DCX - 25m/82' extension cable (Display end connector supplied loose)

4975

OPTIONAL EXTRAS

BKT-017 - Adjustable radar bracket

with 105mm / 4.1" depth bracket mounting arms

4676

BKT-018 - Low-profile adjustable radar bracket

4758



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