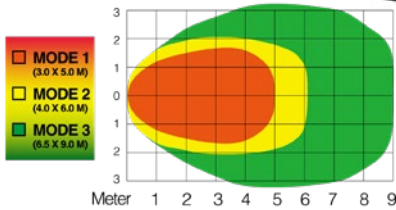


BACKUP RADAR SYSTEM

Take control of your machine's environment!



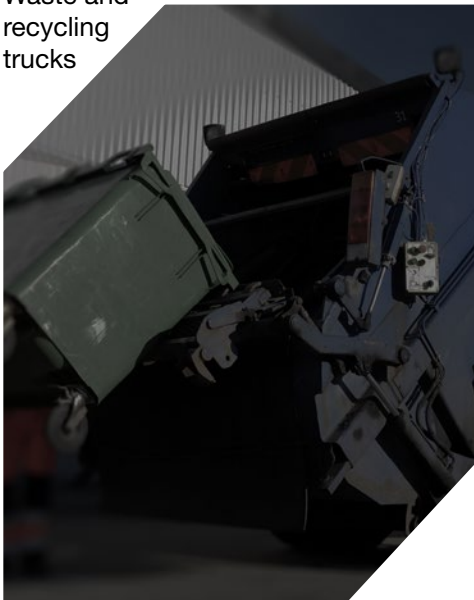
The Radar Object Detection System uses FMCW (Frequency Modulated Continuous Wave) radar technology to detect stationary objects and people in blind spots. This advanced system alerts the operator with both visual and audible warnings. The system has three distinct length and width modes enabling the operator to adjust the system to fit their needs. The system's capability of being able to detect only when an object is approaching from the sensor, helps to limit the number of false detections caused by objects of no concern encroaching on the detection area. The commercial grade heavy-duty system has an IP69K waterproof rating and works perfectly in all weather conditions.

FEATURES

- ▶ Simple & easy-to-use
- ▶ 3 selectable modes
- ▶ Quick to install
- ▶ Waterproof & shock resistant
- ▶ Applications: trucks, buses, machineries

APPLICATIONS

Waste and recycling trucks



Forklifts



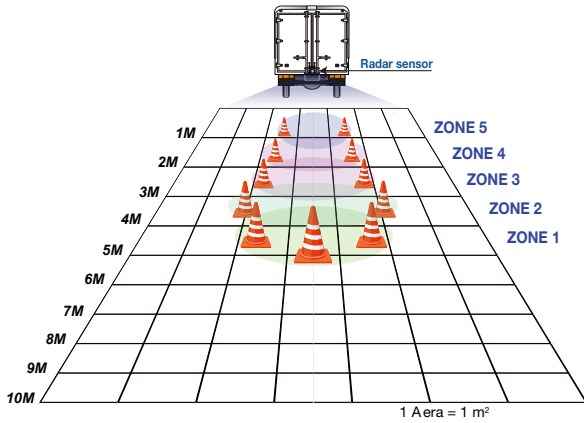
Commercial trucks



BACKUP RADAR SYSTEM

Take control of your machine's environment!

MODE 1



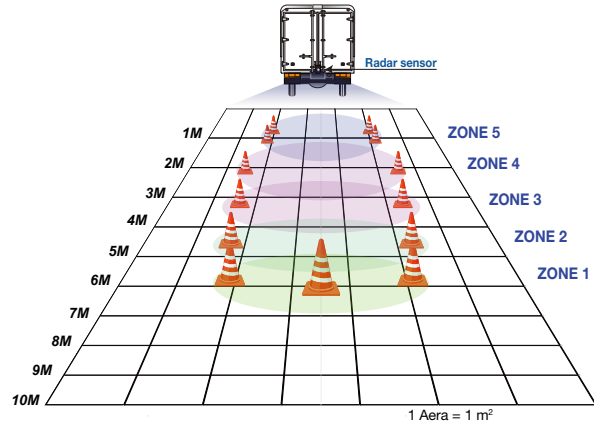
Detection range:

- 3 x 5 m (9.8 x 16.4 ft)
- 5 zones

Test conditions:

- Radar sensor: height 1 m (3 ft)
- Test person: 1.8 m (5.9 ft)

MODE 2



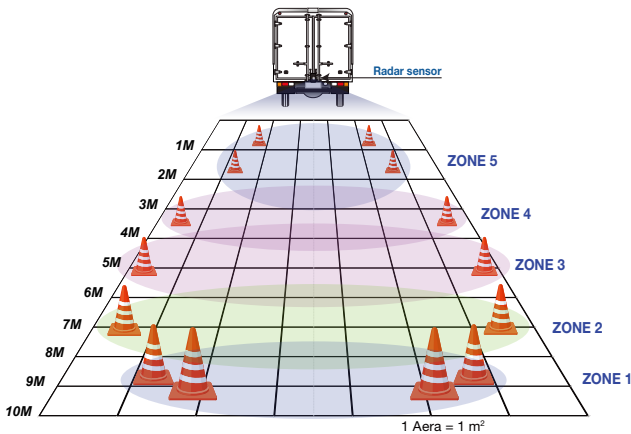
Detection range:

- 4 x 6 m (13 x 19.7 ft)
- 5 zones

Test conditions:

- Radar sensor: height 1 m (3 ft)
- Test person: 1.8 m (5.9 ft)

MODE 3



Detection range:

- 6.5 x 9 m (21.3 x 29.5 ft)
- 5 zones

Test conditions:

- Radar sensor: height 1 m (3 ft)
- Test person: 1.8 m (5.9 ft)

RADAR SENSOR SPECIFICATIONS

Transmit frequency	24.06 ~ 24.22 GHz
Modulation	FMCW (Frequency Modulated Continuous Wave)
Supply voltage	12-32 VDC
Current	300 mA@12V
Power on time	300 ms
Detection time	200 ms
Communication	RS-485
Operating temperature	-40 to 85 °C
Protection	IP69K
Vibration	15G
Housing material	Polycarbonate
Dimension	110(H) x 108(L) x 34(D) mm
Weight (with bracket)	720 g
Certification	FCC, CE