



Rearsense Sentry

The most flexible heavy duty radar available

An active warning system when reversing is critical to obstacle detection to ensure the safety of vehicles in all heavy machinery industries

INTRODUCING...



Rearsense Sentry The ultimate in obstacle detection

What is it?





The world's most flexible, reliable and powerful reversing radar solution for object detection in heavy duty industries

Key product features:



FLEXIBLE

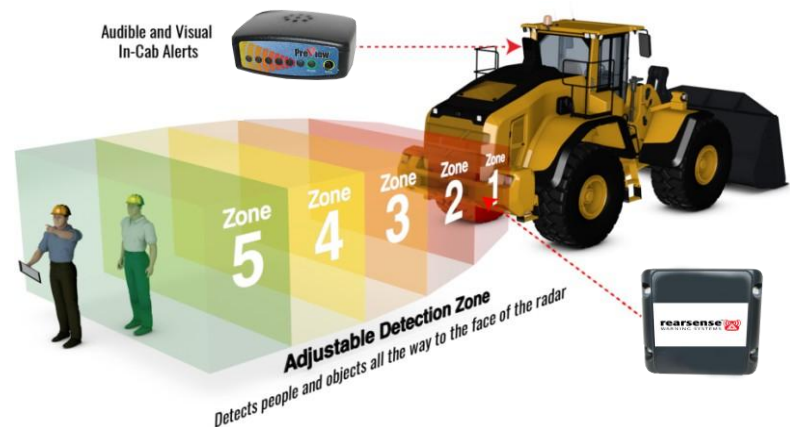
-  Customisable detection zones – range and width to fit almost all vehicle types
-  Ability to link to CAN Bus systems

RELIABLE

-  Detects people and objects right up to the face of the sensor
-  Built-in fail safe alerts warn operators of radar blockage, communication or technical issues
-  Accurately identifies location and velocity of up to 16 objects simultaneously
-  Provides in cab audible and visual alerts

ROBUST

-  Rugged design – engineered to operate in all weather conditions (dirt, rain, snow, ice)
-  Electrical and environmental hardening – built to last the life of the vehicle/equipment





Rearsense Sentry

The most flexible heavy duty radar available

Technical Specifications

Environmentally Hardened
Polycarbonate Radome

0.5kg
Depth: 3.3cm



10.3cm

12.5cm

Measuring Performance

Programmable Range	0-30M (0-98')
Programmable Width	2M-8M (6.5'-26')
Azimuth Field of View	±75 degrees
Elevation Field of View	±10 degrees

Operating Conditions

Frequency	24.00-24.25GHz (ISM Band)
Power Supply	9-33VDC, Reverse polarity and over-voltage protected
Current	<0.5A
Operating Temperature	-40C to +85C (-40F to +185F)
Shock	50G
Vibration	25G, random, all three axis
Protection Rating	IP69K