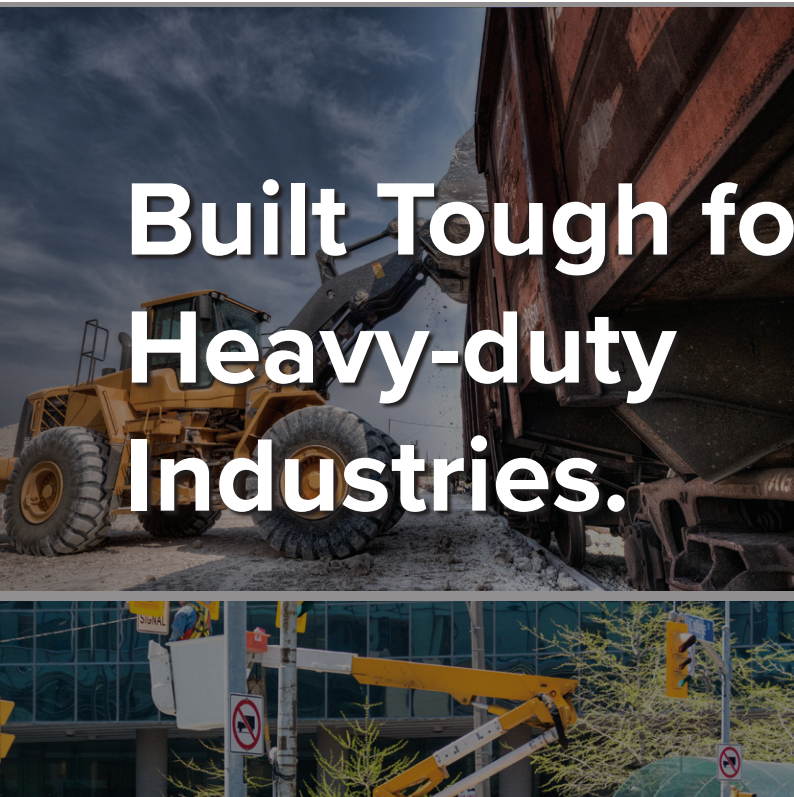
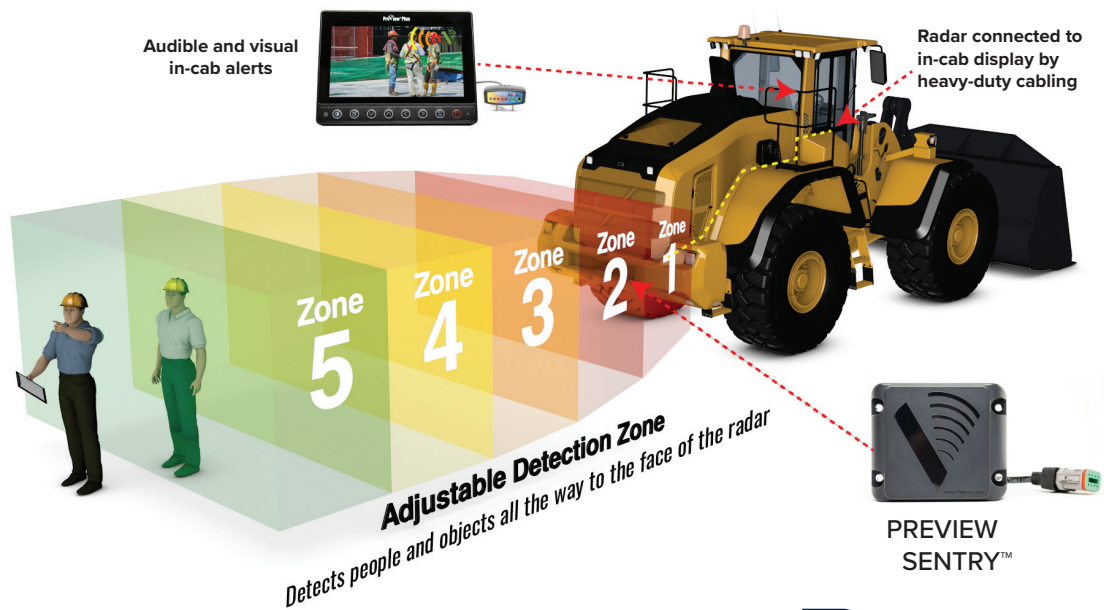


Built Tough for Heavy-duty Industries.



PreView Sentry® radar is the most flexible and reliable radar available for heavy-duty vehicle and equipment industries. Sentry accurately detects objects in equipment blind zones and notifies the operator with both audible and visual alerts. These alerts warn the operator of potential collisions and allow them to take the appropriate action. Sentry is built tough to withstand the harshest working conditions imaginable, so it works everytime, all the time.

- Construction
- Mining
- Trucking
- Fleet
- Waste
- Utility
- Delivery
- Municipalities



Flexibility and Reliability

PreView Sentry® is the world's most flexible object detection radar. With programmable detection zones, PreView Sentry can cover rear, side and front blind spots on any equipment or vehicle. Built tough for heavy-duty applications, Sentry will help companies reduce costs, decrease the incidents of collisions and most importantly, save lives.

- Rugged design, engineered to operate in all weather conditions
- Customizable detection zones - range and width
- Measures distance and angle to objects, providing object location
- Measures velocity of objects
- Provides in-cab audible and visual active alerts
- Integrates with PreView Plus camera/monitor system, or any existing vision system
- Built-in sensor failure alert
- CANbus communication protocol - ability to report sensor data to a logging device or telematics applications
- Ability to track up to 16 objects simultaneously
- Detects objects all the way to the face of the radar

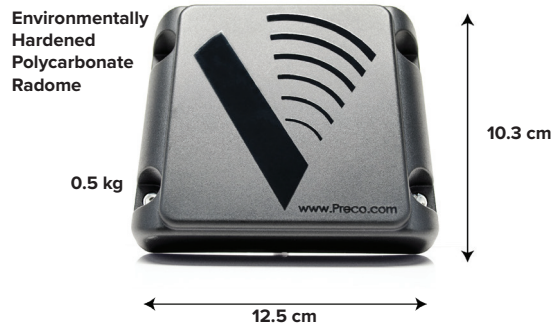
Technical Data

Measuring Performance

Programmable Range	0 - 30 m
Programmable Width	2 - 8 m
Azimuth Field of View	±75°
Elevation Field of View	±10°

Operating Conditions

Frequency	24.00 - 23.25 GHz (ISM Band)
Power Supply	9 -33 Vdc, Reverse polarity and over-voltage protected
Current	<0.5 A
Operating Temperature	-40° C - 85 °C
Shock	50 G
Vibration	25 G, random, all three axis
Protection Rating	IP69K



Communication Interface

J1939/ISO 11898 CANbus 250 Kbits/sec, terminated, with 120 Ohm resistor (default). Supports up to 500 Kbits/sec

Supports up to 8 radars on a single J1939 bus (CANbus)

Alarm Output Interface

Switch to ground, sink up to 1 amp, over current protected



This product may not be a stock item. Please speak to our sales representative about lead times. Lead times, price, and availability can only be determined on receipt of an official quote from our supplier. This can sometimes take up to 3 days.

- | | | |
|--|---|---|
| Gauteng - Jet Park (HQ):
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| Free State - Bloemfontein:
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| Eastern Cape - Port Elizabeth:
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