

PREVIEW® SOD

Improves Situational Awareness



Operating Characteristics

Detection Range	10 Feet (3m)
Warning Range	1 Zone

Display Specs

Housing Material	Polycarbonate/ABS alloy
Dimensions	1.00"H x 2.25"W x 2.00"D (2.5cm x 5.7cm x 5.1cm)
Weight	0.25 lb. (0.11 kg)
Mounting	User dependent

Description

- Improve situational awareness
- Reduce blind side accidents
- Simple, Rugged, Active

PreView® Side Object Detection (SOD) improves your driver's situational awareness by constantly monitoring the dangerous left and right areas out of your drivers view. Unlike auto-grade blind spot aides, PreView SOD is made specifically for working vehicles, withstanding the rugged work site and extreme weather conditions your drivers maneuver through every single day. PreView SOD provides your drivers with a simple display and the right combination of audible warnings to alert the driver without being a distraction.

Features and Benefits

- The pulsed radar is engaged whenever the vehicle is turned on.
- The audible warning is engaged when the turn signal is active.
- To ensure the system is not an annoyance, the driver only receives a quick pulsed beep when something is in the blind spot. It then reverts to visual indicators only.
- The audible warning will not be active again until the turn signal as been turned off and reactivated.
- The visual warning is engaged whenever the vehicle is turned on, changing from a green LED indicator to orange when an object has been detected.
- Continuous side object detection
- Detection zone is approximately 10' x 10' to cover key areas of blind area
- Works in rugged work site and extreme weather conditions
- In-cab visual indicators illuminate with detection
- When the turn signal is turned on, an audible warning tone will sound. This occurs only once per turn signal activation to get the drivers attention without creating unwanted distractions.

Sensor Specs

Transmitter	Pulsed RF transmitter at 5.8GHz operating under FCC Part 15.249
Electronics	Solid state
Connector	Deutsch DT06-08SA-E008
Sealing	Encapsulated to protect from dust and moisture to IP67
Housing Material	Polycarbonate radome
Dimensions	4.38"H x 9.24"W x 1.75"D (11.1cm x 23.5cm x 4.4cm)
Weight	1.6 lb. (0.70 kg)
Operating Temperature	40°F to +185°F (-40°C to +85°C)
Vibration	25G RMS all three axes
Shock	25G all three axes
Mounting	Four 0.25" (6.4mm) diameter holes on 8.54" horizontal centers and 2.00" vertical centers. Unit is supplied with #10 SS screws for mounting purposes. Recommended torque is 22 inch-lbs.

Electrical Specs

Input Voltage	9-33VDC, over voltage protected to 150V
Input Current	0.2 amp maximum, inrush current limited to 1A
Polarity	Negative ground, Polarity protected to 150V
Power Connection	Two 20 AWG wires, connect to ignition circuit
Turn Signal Input	Single 20 AWG wire, +150V tolerant

Authorised Importer and Master Distributor

