

PreView WorkZone

For Vehicles Needing To Transition From A Worksite To A Narrow Street

PRECOTM
ELECTRONICS

Description

Preco has developed the optimal proximity detection system for vehicles that need to easily transition from a busy worksite to a narrow neighborhood street or alley. Engineered for light- to medium-weight work trucks, PreView WorkZone is ideal for vehicles that require close-in, corner-to-corner blind spot protection. With its specialized blind spot detection zone, PreView WorkZone reduces false alarms and provides operators with a consistent, active alert to help prevent backing accident.

Features and Benefits

- 5.8 GHz frequency for worldwide use
- Sensor Dimensions: 4.3"H x 9.25" W x 1.60"D
- Display Dimensions: 1.0"H x 2.3"W x 2.0"D
- Current Draw: Less than .25 AMP
- Utilizes standard CAN communication
- Available with audible warning only or audible/visual warning configuration.
- Available in 10' or 15' narrow pattern.

Applications

Light to medium-weight work trucks, Heavy machinery, Mining

Tech Specs

Sensor Specifications

Transmitter	Pulsed RF transmitter at 5.8GHz operating under FCC Part 15.249
Electronics	Solid state
Connector	Conxall 72x1-8PG series
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	1.92 lb. (0.87 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 Specifications

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 reverse signal lamp circuit
Detection Range	WZPV5210 & FPV5210 - 10 feet (3m) WZPV5215 & FPV5215 - 15 feet (4.5m)
Physical Layer	CAN 2.0B, 250 KB/s
Protocol Layer	SAE J1939 Extended
Data Update Rate	70 ms
Regulatory Compliance	Compliant with FCC Part 15.249 (5725-5875MHz) FCC ID: OXZWZPV2009 'CE' 'E' Mark E11 10R-045212

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