

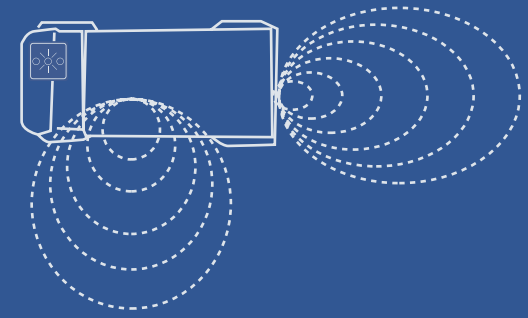
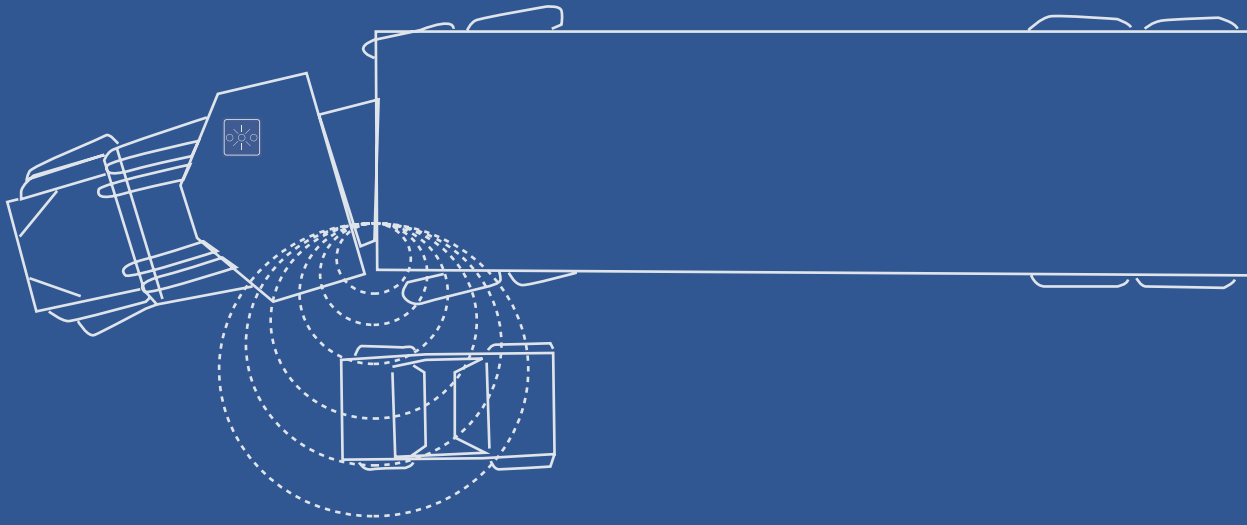
OBJECT DETECTION SYSTEM FEATURE COMPARISON		
FEATURE	PREVIEW	ULTRASONIC UNIT*
No. of in-cab display L.E.D's	5	1-3
In-cab display buzzer	yes	yes
Self-diagnostics	yes	yes
Operates backup alarm (optional)	yes	no
SAE J1455 compliant	yes	no
CE, e certified	CE, e	CE
12v & 24v power systems	yes	yes
Daylight	yes	yes
Sunlight Glare	yes	poor
Darkness	yes	yes
Dirt, Mud	yes	no
High wind	yes	no
Rain, Snow, Sleet	yes	no
Easy Installation	yes	yes
Detects multiple objects	yes	poor
100% detection of all objects	yes	no
Detects stationary objects	yes	yes

\* Based upon typical ultrasonic system



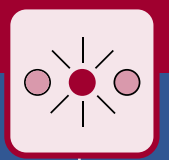
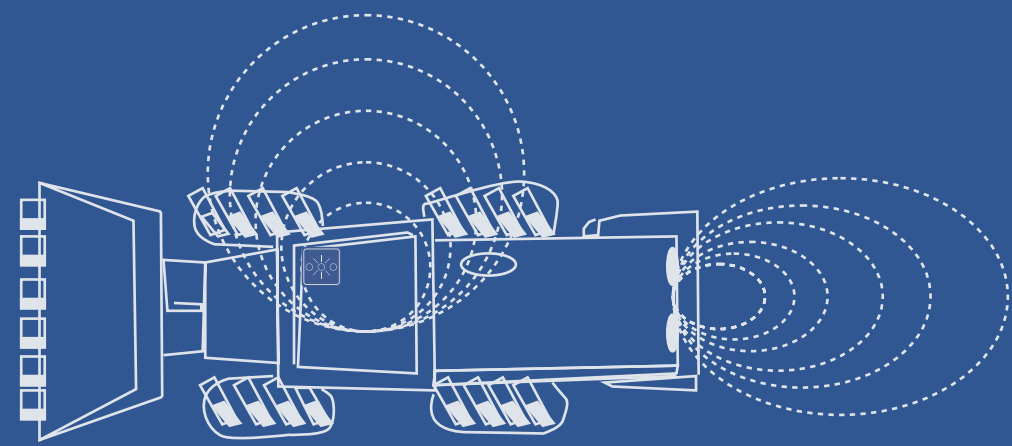
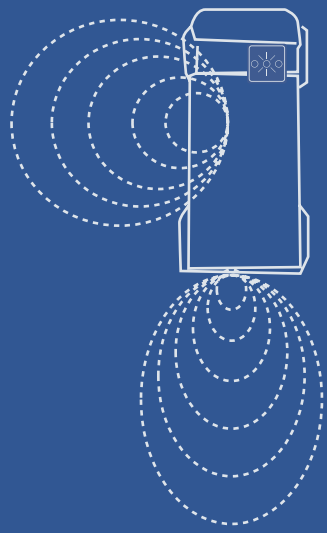
For more information contact spillard saftey systems on 0870 200 2310  
or visit our website [www.preview-radar.com](http://www.preview-radar.com)





# **allroundvision**<sup>TM</sup>

PREVIEW RADAR SYSTEM



# THE NEW PREVIEW RADAR SYSTEM



Four years and 12,000 hours of design and testing has brought about the most advanced and reliable rear object detection systems in the industry. Preco's PreView Systems are designed to detect objects in zones obscured from the operator's view. Our patented pulsed radar system can be used to detect 100% of moving as well as static objects in a very specific area of desired coverage.

The New PreView system, a smaller sized, compact design which is ideal for vehicles that are operated where safety and ruggedness is important, but space is a concern. The PreView system is designed for on-road & off road vehicles, commercial vehicles, Class 2-5 (Step-up vans, Utility vehicles, Delivery vehicles and RV's), Class 7 & 8 vehicles, school buses, and other methods of transport.

## SAFETY

The PreView system can help save lives and help prevent damage to vehicles. The system is designed to detect the closest object (whether stationary or moving, human or inanimate) in the area of coverage and informs the vehicle operator of its presence.

## COST EFFECTIVE

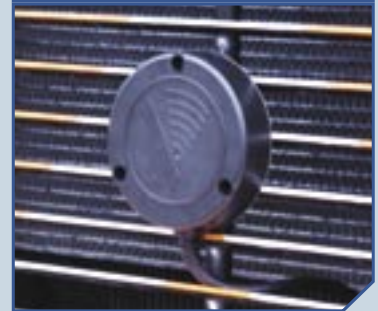
With reversing accidents becoming more common and repair costs ever increasing, the PreView system is a cost effective object detection device. The PreView system was designed with patented technology that utilises a minimum number of standard components and is available at a fraction of the cost of competing systems.



PREVIEW RADAR ON VEHICLE



CLOSE-UP OF RADAR HEAD



IN-CAB DISPLAY UNIT



## ENVIRONMENTAL NOISE POLLUTION

The PreView™ Radar System integrates with the existing reverse alarms installed on the vehicle. When a person is detected within the radar range the reverse alarm is sounded and the driver is warned with a cab alarm, this reduces the potential for site complacency and unnecessary irritation to local residents.

## RUGGED DESIGN

Since no internal adjustments are required, the system has an extremely long life expectancy and remains virtually maintenance-free throughout the life of the vehicle.

Resistant to environmental conditions such as moisture, dust, vibration, heat, cold, sun glare and others. The system has been tested to comply with the SAE 1455 environmental specification and the system is CE and e certified.

## DISTANCE MEASURING

The PreView system is based on 'pulsed' radar technology and can measure distance by the amount of time it takes for the radar signal to 'see' an object. In turn, that distance is then relayed to the in-cab display and to the vehicle operator through a series of L.E.D's. The display unit also incorporates an audible tone that increases in speed as the object becomes closer. The in-cab display can be mounted on or in the dash of a vehicle.

## SIMPLICITY

The PreView system is comprised of the sensor unit, the in-cab display unit, and the cabling that connects the two. The cable is thin enough to fit through rails and conduit, making installation simple.

### SPECIFICATION

- Sensor unit dimensions: 134mm circular, 31mm deep
- In cab display unit dimensions: 57mm (w) x 50mm (d) x 25mm (h)
- Power requirements: 12v Et 24v systems. <200mA
- Connects to reverse lights for power
- Operating temperature range: -40°C to 85°C (40°F to 185°F)

#### Model numbers

- PVS 2010-up to 3M / 10ft coverage
- PVS 2015-up to 5M / 15ft coverage
- PVS 2020-up to 6M / 20ft coverage

### DISTANCE MEASURING

