The **Heavy Duty PreView™** Object Detection System

Precos **Heavy Duty PreView™** object detection system is designed to detect objects at the rear, side, or in front of a vehicle including zones obscured from the operators view.

The Preco patented pulsed time domain radar technology, can be used to detect static or moving objects in a definable area of coverage.

The **Heavy Duty PreView™** system has been enhanced to allow for networking of multiple sensors to provide for the greatest area of coverage.

The system is ideal for on-highway commercial and off-highway commercial vehicles.

The **Heavy Duty PreView™** system offers several benefits:

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

**Rugged Design** – The **Heavy Duty PreView™** system is designed to be resist to the environmental conditions such as moisture, dust, vibration, heat, cold, sun glare, snow, ice, high wind, darkness, water, and mud. The system has been tested to comply with the SAE J1455 environmental conditions and the system is CE certified.

**Simplicity** – The **Heavy Duty PreView™** system is comprised of the sensor unit, the in-cab display unit, and the cabling that connects the sensor unit(s) to the display unit(s). Using the vehicles power, the installation is straightforward.

**Versatility** – The **Heavy Duty PreView™** system’s newest feature allows for multiple sensors to be installed on a vehicle to provide the greatest area of coverage. A single or multiple display unit may be utilized to alert the operator of a detected object. The system can also be ordered pre-configured or it can be custom configured at installation by a trained installer.

**In-Cab Display** – The **Heavy Duty PreView™** system’s in-cab display unit utilizes a series of L.E.D.’s to display distance. The display unit can also be configured to provide an audible tone that increases in speed as an object becomes closer. The in-cab display can be mounted anywhere is the cab, providing the operator with the optimum flexibility to meet their needs. The in-cab display can be configured to sound or display the L.E.D.’s as required.

**Coverage** – The **Heavy Duty PreView™** system can detect objects up to 26 feet/ 8 meters from the sensing unit.

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**Specifications:**

- Sensor unit dimensions: 7.5” (w) x 2.5” (d) x 7.5” (h)
- In-cab display unit dimensions: 2 ¼” (w) x 2” (d) x 1” (h)
- Power requirements: 12v & 24v systems, < 200mA
- Operating temperature range: -40°F to +185°F (-40°C to +85°C)

**Model Numbers and Coverage:**

- HDPV 2010 – up to 10 ft/ 3 M coverage
- HDPV 2015 – up to 15 ft/ 5 M coverage
- HDPV 2020 – up to 20 ft/ 6 M coverage
- HDPV 2026 – up to 26 ft/ 8 M coverage
- Optional Extension cables are available

For more information on the PreView™ family or any Preco product, please contact your Preco representative. Visit our website at [www.preco.com](http://www.preco.com) or call Customer Service at (208) 323-1010 or (800) 453-1141