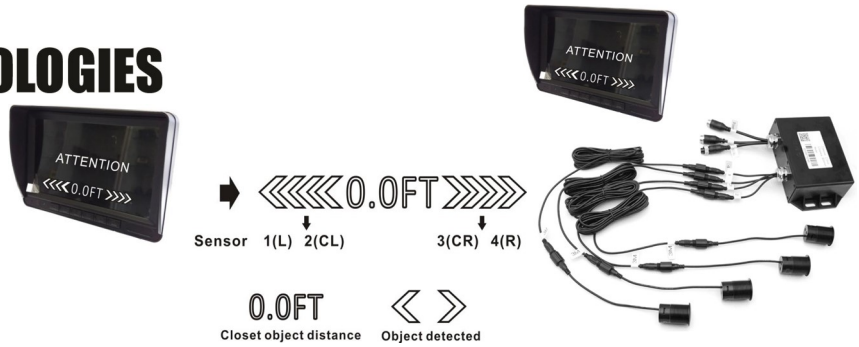
CONVOY TECHNOLOGIES
See Everything

5200-OVR Park System With Rearview Camera Sensor Overlay

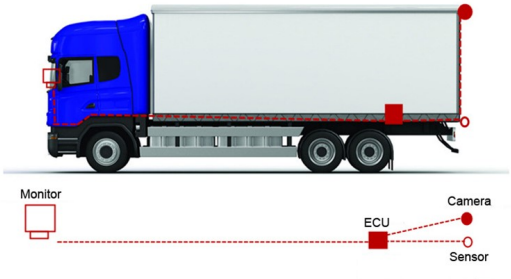


Convoy Technologies P5200 Sensor System integrates with any of the Convoy monitor and backup camera models to provide a warning overlay on the image indicating approximate distance to the objects behind in addition to an audible warning heard on the monitor speaker. When used together, they provide a comprehensive accident avoidance system to assist the driver with backing and parking maneuvers, and improve safety and efficiency.

4 Parking Sensors

ECU/Overlay Module

Power Cable



Feature and Specifications

ECU/Overlay Module

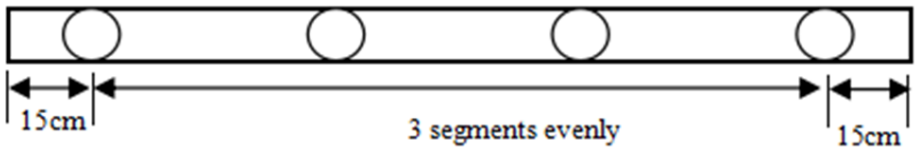
- Waterproof, with surge protection design, meets IP67
- Supports 12V—24V inputs
- Power Consumption less than 1W
- Operating Temperature from –40~80°C
- Software is adjustable with optional ECU Controller

Sensors

- Sensor Diameter: 27mm
- Response time: 0.05s/sensor
- Detecting range: 0~5m
- Detecting Angle: X=Y=60~80 degree
- IP67, Working Frequency: 40Hz

Mounting Guidlines

1) The Sensors mount into the rear bumper. The display (depending on Model) is designed to mount to the dash or console area in view of the driver.



2) Sensor diameter is 27mm .., Sensor Mounting Height between 1.5'—2' from ground. Sensors are L, LC, RC, R. Measure and mark the center of the bumper. If you divide the total width of the bumper by 8, L and R sensors are spaced 3/8 distance from the center. LC, RC sensors are spaced 1/8 distance from the center. Select spots on the bumper that are relatively flat, within those parameters, to mount the sensors. Sensors have a slight angle (so they do not detect ground), mount with the thick side down. Correctly mounted, the sensor should be 90° to ground or angled higher.

3) Route cables through grommet to control box in trunk area. Match sensor locations to corresponding connection on control box. Connect the display to the control box using the camera extension cable.

4) Before making power connections, disconnect ground on car battery. Identify the power wire to the reverse lights, use a test light or meter. Connect the red positive wire from the control box to the reverse lights positive lead, black to reverse lights ground, or other ground. Connect the battery, engage the parking brake, turn on ignition.