

IN-AISLE DETECTION SYSTEM (IADS) FAQs

What is required to get started?

- + Please refer to the Sales Manual and Features Brochure.

What is the approximate cost for IADS?

- + MSRP is \$8,680 per truck with 20% dealer discount, plus 3 hours of installation time per truck.

Will IADS work on my truck?

- + It's available on wire guided models 53/54/55/5600 and 96/9700 trucks. It is backwards retrofittable 10 years, so currently back to 2010.

How is IADS ordered?

- + IADS is only an aftermarket option, so it must be ordered through the s207 process for both new and existing trucks.

How long does it take to install?

- + IADS takes 3 hours per truck to install.

Can the IADS system be moved from one truck to another?

- + Yes, it can but a set-up procedure needs to be completed as though it were a new system.

Does IADS work out of the aisle or off wire guidance?

- + No, it doesn't work out of the aisle or off-wire.

When the sensor is activated does the truck slow down or stop abruptly?

- + It slows to a controlled stop inside the 30' field of view.

Are there alarms or alerts when the sensor is activated?

- + Yes, an audible alarm and visual indicator on the display "Sensor Stop" message will alert the operator and the truck slows to a stop.

What happens if the truck encounters an object?

- + It slows to a controlled stop as long as the object is centered in the trucks path, and is at least 9" wide and 8" tall.

At what distance does the truck stop and can the operator override the system and move forward?

- + The scanner is set at 30'. The truck will begin its slow/stop procedure once an object is identified. The operator can override, by requesting travel function after the truck comes to a stop. The truck will be limited to 1.0 mph as long as an object is still detected in range.

Is this scanner distance configurable?

- + Yes, it is configurable to longer lengths, but 30' is the minimum and has been determined to be optimal for most applications.

If the operator overrides the system and continues to move forward, is there a final point at which the truck stops and can't be overridden so that the truck doesn't impact the obstruction?

- + After a controlled stop the operator has control and they are responsible for truck movement. The truck will be limited to 1.0 mph as long as an object is still detected in range.

Is data being collected for reporting?

- + Data is not being collected from the IADS system, although some data may be able to be collected through the iWAREHOUSE system.

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What if there are problems after install?

- + The local Raymond Sales and Service Center will be able to help if any IADS issues occur.

Does an Application Engineer need to be involved?

- + No, the IADS installation manual is comprehensive and easy to follow. All that is required is a Raymond qualified technician.

Can IADS be used with Zoning and Positioning (ZaP)?

- + Yes, IADS is a great option to consider in a ZaP application.

Can there be a sensor on both ends of the truck?

- + No, only one sensor is needed per truck, and it's installed on the tractor end only. The system is intended for tractor first direction only.

Does the IADS sensor lengthen the truck?

- + Yes, the sensor adds 6" to the overall truck length.

