Collision Avoidance Exercise System

Our driver training approach focuses on real-world scenarios, replacing unrealistic audible commands with practical, hands-on experience. This method also enhances safety by eliminating the need for instructors to use potentially risky hand signals while positioned in hazardous locations. Our systems use real-world traffic signals and are completely customizable to meet your needs.

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Popular traffic light configurations include red/green and red/yellow/green. The instructor can select the mode and the time delay between vehicle detection and light activation. Additionally, the vehicle's speed is displayed to the instructor. Once set up, the system operates fully autonomously, activating the lights without the need for human intervention.

Mode	Street Lights	Response
Left	Left light "off" Center light "on" Right light "on"	Maneuver vehicle through left lane
Center	Left light "on" Center light "off" Right light "on"	Maneuver vehicle through center lane
Right	Left light "on" Center light "on" Right light "off"	Maneuver vehicle through right lane
Stop	Left light "on" Center light "on" Right light "on"	Stop vehicle
2 Way Random	Random Left or Right Mode	Random Left or Right Mode
3 Way Random	Random Left, Center, or Right Mode	Random Left, Center, or Right Mode
2 Way Random with Stop	Random Left, Right, or Stop Mode	Random Left, Right, or Stop Mode
3 Way Random with Stop	Random Left, Center, Right, or Stop Mode	Random Left, Center, Right, or Stop Mode
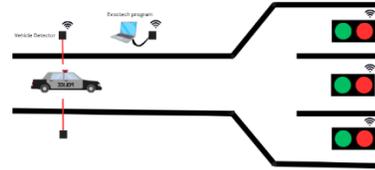
Wireless Collision Avoidance Red/Green System

This system is portable and can be moved from place to place. Setup is done by selecting a location for the vehicle detector and mounting the traffic lights on the provided tripods. Because our system is wireless there is no need to deal with hundreds of feet of cable. Our system uses real-world traffic lights and is fully customizable to meet your specific needs.

System includes:

- Evoctech Windows program laptop and modem for full control of system.
- Vehicle Detector
- Two sets of vehicle sensors
- Three sets of red and green traffic signals
- Battery chargers
- Robust travel case
- Three tripods (or cable hangers to mount lights over traffic lanes)