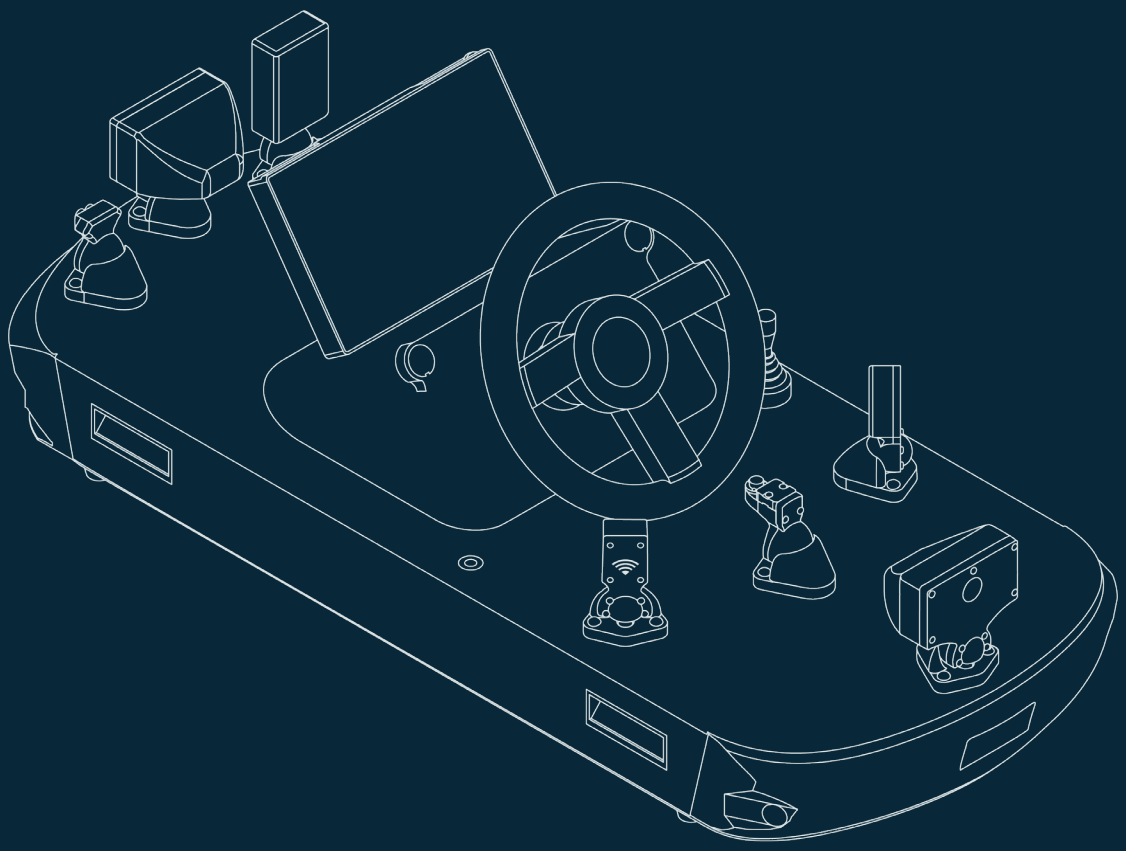
EV-360_053325

# ADAS (Advanced Driver Assist Systems) Trainer

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**EV-360_053325**
ADAS (Advanced Driver Assist Systems) Trainer

CONSULAB

**This exciting new trainer is for teaching the concepts of autonomous vehicle systems & Advanced Driver Assistance Systems (ADAS). The EV-360 was designed to demonstrate the fundamental concepts and technologies currently incorporated in today's advanced vehicles.**

## EDUCATIONAL ADVANTAGES

This trainer allows a student to visualize sensor readings and results, literally locating where the components are on a vehicle and compares the strengths and weaknesses of the various sensors andtechnologies to one another. The student becomes the processor of all the sensor inputs to experience "sensor fusion", or the process of interpreting all this information into a desired outcome or reaction. ADAS sensor calibration can also be demonstrated as well as front camera object detect/identification. The EV-360 can be used in conjunction with real vehicles as it augments actual on-car learning.

## FEATURES

- The trainer is a scale model, providing the visual cues of where most ADAS components are typically found on an actual vehicle, helping the students to recognize design function and orientation.
- It incorporates a 10" X 6" tablet display with EXPLORE or DRIVE mode viewing options. These choices allow either an overall view of a composite vehicle illustrating the location of all the ADAS sensors or individual views of each of the following components live data operation:

| | | | |
|---|---|---|---|
| - Front Camera | Adjustable | - Inertial Measurement Unit | Adjustable |
| - LiDAR | Adjustable | - Blind Spot Radar (L/S) | Adjustable |
| - Front Radar | Adjustable | - Blind Spot Radar (R/S) | Adjustable |
| - Ultrasonic Sensors (L/F) | Non-adjustable | - Rear Camera | Adjustable |
| - Ultrasonic Sensors (R/F) | Non-adjustable | - Ultrasonic Sensors (L/R) | Non-adjustable |
| - Park/Reverse/Drive Selector | Adjustable | - Ultrasonic Sensors (R/R) | Non-adjustable |
| - Steering Wheel Angle | Calibration | | |
| - Driver Presence | Demonstrable | | |

## INCLUDES

- Power Cord
- Magnetic gravoplys for component ID student assignment
- Camera object ID samples TBD (street signs, photos, etc) * also available from website

## TECHNICAL INFORMATIONS

- **Application:** Composite Vehicle
- **Dimensions:** 16 1/8 W x 38 9/16 L x 13 7/16 H inch (40.95 W x 97.95 L x 34.13 H cm) 20 1/8 W x 42 9/16 L x 17 7/16 H inch (51.12 W x 108.11 L x 44.29 H cm) with packaging
- **Weight:** 52 lbs (23.58 kg) / 62 lbs (28.12 kg) with packaging
- **Power supply:** 120VAC / 1.6 Amps
- **Video Output port:** HDMi

Scan this QR code for more about this product

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