



American Center for Mobility
CONNECTED. AUTOMATED. VALIDATED.

ADAS EVALUATION & VALIDATION STANDARDS

The Insurance Institute for Highway Safety (IIHS)

The American Center for Mobility supports ADAS technology testing and most global evaluation and validation standards with onsite experts, various test track environments, a fully integrated Intelligent Transportation System, and variety of custom test equipment. On over 500 acres of real-world road systems, technology teams will find confidentiality, safety and support in validating ADAS technologies.



The Insurance Institute for Highway Safety (IIHS) is a U.S. nonprofit independent research organization funded by auto insurance companies. The IIHS works to reduce the number of motor vehicle traffic collisions, and the rate of injuries and amount of property damage in the crashes that still occur. It carries out research and produces ratings for popular passenger vehicles as well as for certain consumer products and conducts research on road design and traffic regulations. The IIHS uses a modern, scientific approach to identify a full range of options for reducing crash losses.

In 2013 the IIHS started a front crash prevention rating program to help consumers identify the most effective systems at working to prevent crashes. Vehicle-to-vehicle ratings are determined by how the vehicle's system performs in tests at 12 and 25 mph (including the availability of forward collision warning). Pedestrian crash prevention capabilities are evaluated by the IIHS using dummies that move across or stand in the roadway. Tests are conducted in three scenarios, Perpendicular Adult, Perpendicular Child, and Parallel Adult. ACM has the expertise to execute all of the IIHS pedestrian and vehicle AEB test scenarios. ACM also helps test teams to develop custom scenarios to address specific concerns they have identified.



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