

Automotive meets smart Technologies

Cars solve a lot of our problems. But with the rapid advance of car technology, they're starting to face new challenges of their own. Keysight's automotive test solutions tackle the problems caused by advancing car technology, so your test challenges don't throw you in reverse.

CONNECTED CAR

There's no standard baseline of performance for the numerous types of wireless car technology.

Don't get outraced by advancing car technology. Keysight provides solutions to help you verify various types of wireless technologies, including 2/3/4 and 5G, as well as 802.11p DSRC, to guarantee the safety and performance of Connected Cars.

TEST SOLUTIONS



UXM Wireless Test Set

EXM Wireless Test Set

EMERGENCY CALL

Over 180 million mobile emergency calls are made each year with limited location data.

In an emergency, timing is everything. That's why there's eCall, a safety system that can cut emergency response times by 60%, reducing fatalities in the event of an accident. The Keysight eCall Conformance Test Solution performs end-to-end functional and standards-compliant testing of eCall modules.

TEST SOLUTIONS



eCall / ERA-GLONASS Conformance Test

Virtual Driving Test Set

IN-VEHICLE ETHERNET

Cable systems are the third heaviest, and costliest component of car manufacturing.

There's a way to lighten the load. BroadR-Reach allows multiple systems to run over one cable, greatly reducing cost and weight. Our solutions help make sure your in-vehicle communication meets BroadR-Reach specifications.

TEST SOLUTIONS



BroadR-Reach Compliance Application

Infiniium Oscilloscope

ADVANCED DRIVER ASSISTANCE SYSTEMS

90% of fatal car accidents are caused by human error.

Seat belts and airbags are great, but it's time to take the next step in safety. Keysight offers wider bandwidth and higher frequency mmWave automotive radar test solutions to push the development of autonomous vehicles, cutting down on human error-caused accidents.

TEST SOLUTIONS



Radar Target Simulator

UXA Signal Analyzer

INFOTAINMENT

Bluetooth pairing is the #1 complaint of car buyers.

Don't let the additional benefit of Bluetooth turn into yet another hassle. Our solutions allow you to explore wireless connectivity and better optimize your most advanced infotainment system designs.

TEST SOLUTIONS



89600 VSA Software

Signal Studio Software



Want to learn more?

www.keysight.com/find/connectedcardesign



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