

VSI LABS IS PERFECTING THE AUTONOMOUS VEHICLE WITH HONEYWELL IMU TECHNOLOGY

Products from the pioneer in Inertial Measurement Units are the right choice for maximizing safety and performance.



“I would certainly recommend Honeywell IMUs for a variety of applications. They provide really accurate raw data and always stay well-calibrated.”

—Matthew Linder, Autonomous Solutions Engineer,
Team Leader, VSI Labs



Overview

As the leading researcher of active safety and automated vehicle technologies, VSI Labs is on a mission to help set the standards for successful self-driving cars. At its proving ground outside of Minneapolis, the company tests a multitude of component systems for automakers and automotive industry suppliers. To enhance its work on localization—the precise understanding of where an autonomous vehicle is at all times—VSI Labs relies on Inertial Measurement Units (IMUs) from Honeywell.

Quick Facts

Customer

- Name: VSI Labs
- Location: Saint Louis Park, Minnesota
- Industry: Autonomous Vehicle Research
- Website: vsi-labs.com

Customer results

- Precise localization for autonomous vehicles
- Accurate raw data and consistent calibration
- Excellent support and service
- Continuous improvement and innovation

Why Honeywell IMUs

- World class inertial sensor development, calibration, and compensation
- Proven reliability, dependability, and ruggedness
- RS-422 Asynchronous, CAN2A/CAN2B, and SPI Interface Protocols
- User-configurable options with selectable output data rates and filtering
- Precision Delta Velocity/Angle outputs for direct yaw, pitch, and roll integration

View full [video](#) 

Honeywell Aerospace

1944 E. Sky Harbor Circle, Phoenix, AZ 85034
aerospace.honeywell.com

A60-1637-000-000
© 2018 Honeywell International Inc.