

GNSS/INS LOCALIZATION SOLUTION

Guidance module earns Robotics Innovation Award

Aceinna has been selected as a winner of the 2020 RBR50 Robotics Innovation Awards. They earned recognition in the category Product, Technology, and Services Innovation for the OpenRTK33L guidance module which features a CAN port.



The product integrates a triple-band RTK/GNSS receiver with redundant inertial sensor arrays (Source: Aceinna)

accuracy localization during full GNSS denial. This enables autonomous system developers to deliver localization and position capabilities in their vehicles. The CAN interface allows integration into existing vehicle architectures. It also provides an Ethernet interface.

Dan Kara, VP Robotics and Intelligent Systems at WTW Media said: "Each year since 2012, Robotics Business Review, the leading source of analysis, opinion and research focused on the global robotics sector, has produced the RBR50 Robotics Innovation Awards (RBR50). The awards recognize and highlight critical robotics innovations and are also an important indicator of the robotics sector growth. The selection committee received numerous submissions for the 2020 RBR50 Robotics Innovation Awards. Winners were determined following a rigorous vetting and review process."

The product, [we already reported about](#), is suitable for robots, drones, and autonomous vehicles. With its CAN port, the gateway provides a direct link to the in-vehicle networks. The module is a triple-band RTK/GNSS receiver with built-in triple redundant inertial sensors. According to the company, the product was designed to replace the precision RTK/INS systems used in today's autonomous systems and is suitable for robot, drone, construction, and agriculture systems.

The device utilizes a 2 Degree/Hour IMU (inertial measurement unit) to offer ten to thirty seconds of



[CW](#)

(Source: Aceinna)