

VBOX 4

The all-new **VBOX 4** is engineered for versatility and excels at a wide range of automotive testing applications including brake testing, ADAS sensor validation and high dynamic tests.



100 Hz GNSS RTK Receiver

Precise positional accuracy - A multi-constellation RTK enabled receiver provides resilient signal acquisition and cm-level positional accuracy

Faster acquisition and reacquisition - Quicker initial position fix; faster signal recovery after loss

Enhanced reliability - Dual-band helps detect and mitigate interference and multi-path errors

Advanced CAN Logging

Complete CAN bus recordings - Captures the entire vehicle CAN Bus, including CAN FD, for comprehensive data analysis

Multiple CAN connections - 2x CAN FD ports, 1x standard CAN Bus, 1x **VBOX** module inputs

Greater compatibility - All CAN data is synchronised into a single .asc file for easy data transfer

IMU Integration

Enhanced data accuracy - Combine inertial data with GNSS to improve data accuracy even in areas with challenging GNSS conditions

Improved dynamics - Log Pitch and Roll angles to 0.013° RMS and Yaw angles accurate to 0.07° RMS

Translate reference point - Translate measurements from GNSS antenna to any vehicle location

Ethernet Connectivity, USB Port and SD Logging

Driving robot integration - Enhanced compatibility with driving robots from all leading manufacturers

High-retention USB - A high-retention USB B port ensures equipment is connected securely

Fast data transfer - High-speed data transfer via SD card

