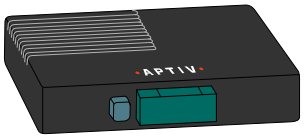
UNLOCK THE POWER OF VEHICLE DATA

APTIV EP-250

- Increase uptime
- Lower the total cost of ownership for your fleet
- Track vehicle health and location in real time
- Enable driver scoring
- Safeguard critical data with battery backup
- Capture video (optional)



Today's fleet owners have more vehicle data at their disposal than ever before. But converting that data into real value remains challenging for many.

Aptiv's EP-250 telematics device gives fleet owners the rich data acquisition and advanced analytics capabilities you need to realize the full potential of your data.

With support for up to three CAN FD channels, two BroadR-Reach channels and six standard Ethernet channels, the EP-250 collects thousands of signals with microsecond precision. It then uses Connect Edge software to distill the valuable insights from the data and transmits only this high-value information to the cloud, helping keep transmission fees, cloud computing, and data storage costs low.

The EP-250 enables real-time vehicle location and health tracking, as well as driver behavior analysis. Deployed in conjunction with Aptiv's Qualifier Fleet and/or Qualifier Maintenance applications, it can help you improve uptime and drive down your total cost of ownership.

Part of a Complete Fleet Management Solution

The EP-250 hardware is an integral part of the Aptiv Connect Platform, which includes the Qualifier suite of applications, the Developer configuration tool, Connect Edge in-vehicle analytics, and professional services. Contact your Aptiv representative for more information about the Aptiv Connect Platform, the EP-250, or Aptiv's other hardware.

APTIV

TECHNICAL SPECIFICATIONS

EP-250 Hardware	
Processor	Dual-core 2 GHz
RAM	8 GB
Fixed Storage	64 GB
Optional Additional Storage	Up to 2 TB
CAN FD Channels	3
Ethernet Channels	2 BroadR-Reach and 6 standard
SWCAN Channels	1
LIN Channels	2
DoIP Interface	1
Ethernet Ports	6
USB Ports	2, one USB-A and one USB-C with daisy-chaining and IOX expansion port
Power Backup	Battery
Wireless	802.11 ac/b/g/n AP and STA at 2.4 GHz and 5 GHz
Bluetooth	5.0 LE
Cellular	CAT-4 LTE
GPS	10 Hz refresh with 2.5 m accuracy at CEP 50
Protocols Supported	CCP, XCP, SAEJ2534, J1939, J1979, J1708, ISO-9141, ISO-14229, ISO-15765, ISO-15031, GMLAN
Accelerometer and Gyroscope	6D
Video	IP video from Ethernet ports
Security	Integrated security chip

Connect Edge Software

- Analytics and processing engine
- Simultaneous logging of trip data, high- and low-speed event triggers, and event- and time-based snapshots from CAN, LIN, and Ethernet
- Microsecond precision
- Support for multiple file formats including A2L, DBC, and ODX
- Support for complex event trigger logic that includes Boolean operators, math logic, and statistical functions, all of which can be programmed to suit specific needs
- Support for synthetic variables (calculated parameters)
- Remote configuration and device monitoring capabilities
- Self-OTA capabilities
- On-board diagnostics to ensure high data yield

About Aptiv

Aptiv is a global technology leader with more than 160,000 people across more than 125 manufacturing facilities and 15 major technical centers worldwide. With a presence in 44 countries, we address mobility's toughest challenges through our deep software and systems integration expertise, delivering market-relevant solutions for our customers.

Our mission is to make the world safer, greener, and more connected than ever before. As these trends converge and the world of mobility changes, we will lead this change.

Mobility has the power to change the world, and we have the power to change mobility.