

Tracking and Engine Diagnostics from a Single Plug



Real-time GPS tracking



CARB Clean Truck Check certified



Monitor and coach driving behavior



Live engine data via OBD-II and J1939



One device for light- and heavy-duty vehicles

Plug-and-Play Installation

Simply plug the device in and start the vehicle to quickly and easily start capturing GPS location information and vehicle telematics data.

IoT Sensor Connectivity

The device supports ELD, Bluetooth® LE beacons, Driver ID tags, and easily integrates with wireless sensors to monitor temperature and humidity.

Detailed Telematics Data

Capture real-time diagnostics and engine data from the vehicle's ECU, effortlessly accessing engine hours, oil pressure, odometer, fuel levels, and much more.

One Tracker Across a Mixed Fleet

OBD-II for the pickups and vans; J1939 for the heavy vehicles. Standardize mixed fleets on one device, one install method, and one platform instead of managing different hardware for every vehicle class.

IntelliHub® Light & Heavy Vehicle OBD Tracker · FTS-TR-CK-OBD

A full-featured vehicle tracking solution that plugs directly into a vehicle's OBD-II or JBUS port to track GPS location and capture engine diagnostics data, including DTC codes, RPMs, vehicle speed, and more. Built-in harsh event detection flags hard acceleration, braking, and cornering.

Specification

Connectivity & GPS

Communication	LTE Cat M1 with EGPRS fallback
Band Operation	LTE FDD: B2/B4/B12; quad-band EDGE 850/900/1800/1900 MHz
GNSS	GPS, GLONASS, BeiDou, Galileo, QZSS
GPS Acquisition	Hot start as fast as 1.8 s; cold start as fast as 11.5 s (assistance enabled, open sky)
SIM	Internal 3V SIM (4FF)

Vehicle Interface

Connector	OBD connector; J1939, CAN, OBD-II
Alerts	2 LED indicators

Power

Power Supply	8V to 24V vehicle power
Backup	Internal 300 mAh Li-ion polymer battery
Consumption	200 µA sleep; 2 mA standby (network on); 30 mA active (network + GPS on)

Environment & Housing

Operating Temp	-10 to +60 °C; storage -40 to +85 °C (except battery)
Humidity	90% non-condensing
Dimensions	2.55 x 1.92 x 1.02 in; ABS housing
Weight	45 g (1.6 oz)