Motive

Vehicle Gateway

Motive's Vehicle Gateway uses built-in cellular connectivity to continuously sync driver and vehicle data with the Motive's Driver App and Fleet Dashboard. Other Vehicle Gateway capabilities include live GPS tracking, real-time maintenance monitoring, and up-to-date compliance records.

Key benefits

All-in-one

The Vehicle Gateway is one part of Motive's integrated solution to manage your vehicles, assets, drivers, and equipment.

Durable hardware

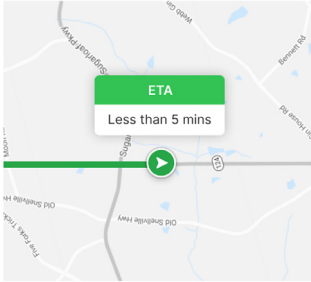Built to perform even in harsh environments and remote working conditions. Backed by a 5-year warranty.

Accurate, reliable

Designed to power your central fleet management dashboard with accurate, live operational data from day one.

Key features

Live GPS tracking

With live updates as frequent as every two seconds, you can follow your crew as they move down the road.

Live Tracking

Denver, CO ⟶ Westminster, CO

👤 Robin Smith   🚚 AS5367

AI Dashcam and Smart Dashcam integration

Use one tool to manage driver safety and compliance. Combining video and telematics data, you get a complete picture of what happened on the road.

🚚 **LH120 Peterbilt**

Location: Scenic Hwy N Snellville, GA
In Motion for 1h 10m

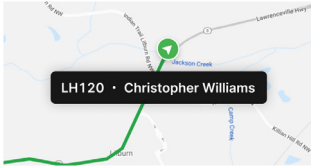Speed: 68 mph   Fuel: 83%   DEF: 60%

Dashcam

Telematics

Captures speed, fuel, fault codes, barometric pressure, battery voltage, coolant temp, engine intake temp, engine load, and more to the Motive platform

🚚 **LH120 Freightliner**

LH120 · Christopher Williams

📍 4971 Lawrenceville Hwy, GA

Speed: **68mph**   Fuel: **80%**
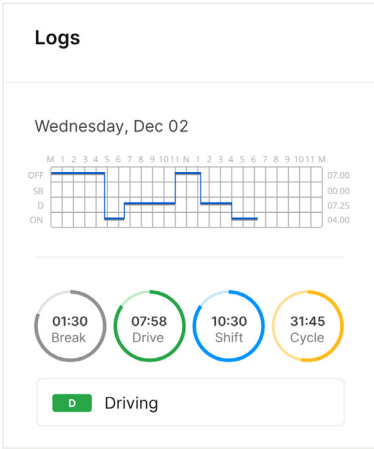
Engine Load: **60%**   Intake: **54ºC**

Coolant: **15ºC**   Battery: **3.32V**

Electronic Logging Device (ELD)

Built-in cellular connectivity to continuously sync driver and vehicle data with the Motive Driver App and dashboard to give you up-to-date compliance records.

Logs

Wednesday, Dec 02

01:30 Break	07:58 Drive	10:30 Shift	31:45 Cycle

D Driving

WiFi hotspot

Connect to the 4G LTE hotspot built directly into the Vehicle Gateway for 400 MB of free, in-cab WiFi per month (available with Pro and Enterprise plans).

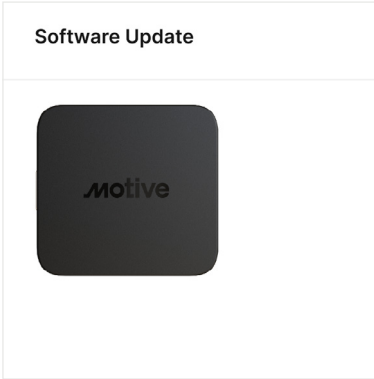**WiFi Hotspot**

Motive ELD
Connected | Active

My Headphones
Not Connected

Motive WiFi Hotspot
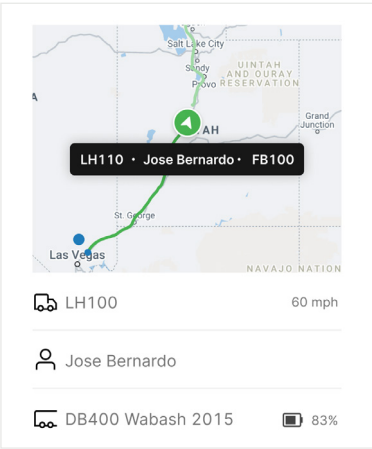
Jose Bernardo's Phone
Connected

Automatic software updates

Updates are sent over-the-air (OTA) directly to the vehicle gateway without any interaction from drivers.

Software Update

855-434-3564   sales@gomotive.com

Asset Gateway pairing

Motive's Asset Gateways and Vehicle Gateways pair automatically so you can see which vehicle is hauling a particular asset in real-time.

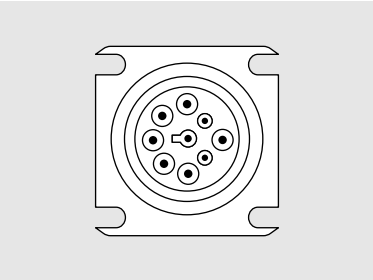|	
LH100	60 mph
Jose Bernardo	
DB400 Wabash 2015	83%

Vehicle Gateway connectivity

Smartphone/tablet/ driver logbook app

Bluetooth connectivity to support compliance without cellular reception

Cellular network
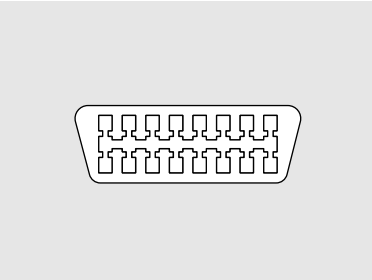
AT&T and other networks

GPS location services

GNSS location support with industry-leading location update frequency of 2 sec.
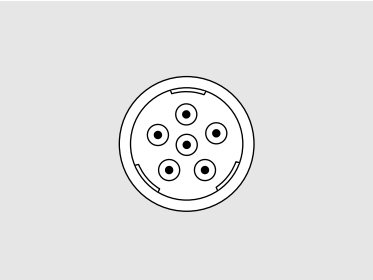
Supported AUX lines

2 Digital inputs
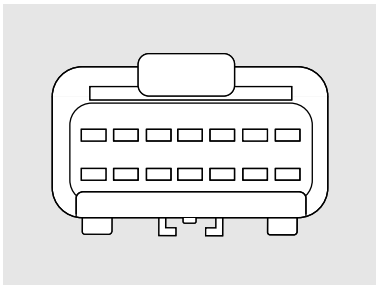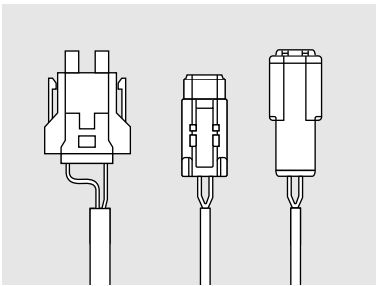
Vehicle diagnostic port

J1939 (9-pin)

J1962 (OBD-II)

J1708 (6-pin)

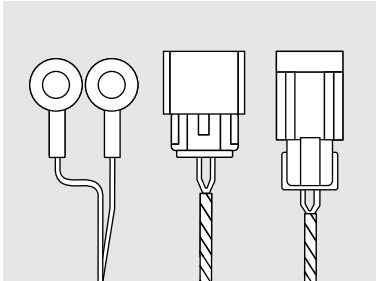855-434-3564   sales@gomotive.com

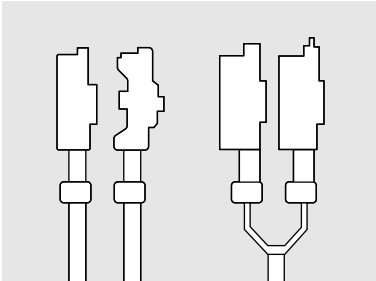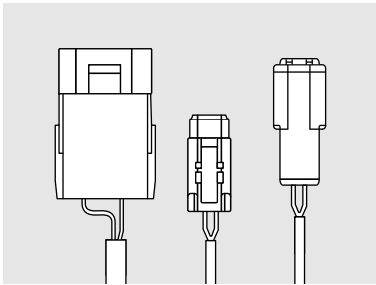## Supported vehicle-specific connections

TMC RP 1226

Proprietary Volvo 2013-2018

Proprietary Mack 2013-2018

Proprietary Volvo and Mack 2018+

Proprietary Freightliner
(varies by model and year)

Environmental

Operating temperature
-40°F–185°F (-40°C–85°C)

Automotive conditions
SAE 1455

Software

Features

- All log data transmitted via Bluetooth® or USB for compliance without cellular reception
- All traffic encrypted to the cloud
- Access to Motive cloud platform

- All updates are pushed over-the-air seamlessly
- Support Android and iOS via mobile app
- SAE: J1708/J1587, J1939, J1962, J1979, J1850 (Autotap)

Hardware

Unit lifetime
5-year warranty

Memory
Up to 4 Months of Log Data

Battery

- Internal Li-Ion battery for improved reliability when the gateway is unplugged, or power is interrupted.
- Real-time disconnect alerts if the gateway is unplugged or power is interrupted (LBB 3.6 only)

GNSS
Supports most systems including GPS and GLONASS

Accessories

- Motive Asset Gateway
- Motive Smart Dashcam
- Motive AI Dashcam
- Motive Cables
- Motive Autotap
- SafetyDirect by Bendix CVS Cable
- Motive AUX/PTO cable

Dimensions

- Size 111 mm x 106 mm x 25 mm (4.4 in x 4.2 in x 1 in)
- Weight 257 gm (9 oz)

Power

Voltage (power)
8V–32V

Power consumption (vehicle on)
1.55W–5.5W

Sleep mode
<30mA

Voltage (AUX inputs)
2.2V–48V

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📞
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