

The Ruptela logo is positioned in the top right corner. It features a stylized icon of three dots arranged in a triangular pattern to the left of the word "Ruptela" in a white, sans-serif font. The background of the entire advertisement is a long-exposure photograph of a coastal highway at night, with light trails from cars creating vibrant streaks of red, white, and blue. The highway curves along a dark cliffside overlooking a deep blue sea under a twilight sky. A dashed white horizontal line is drawn across the lower portion of the image, with a small white circle containing a camera lens icon positioned on the right side of the line.

Ruptela

**We are here
to support your
growth**

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Hello!

We are Ruptela, a global telematics company that develops high-quality GPS tracking devices.

As a customer-centric business, we focus on reducing customers' efforts by accelerating ease of use, prediction, and automation. We believe that this is the main path towards our vision - to power up the most efficient use of transport for a sustainable world.

Our journey started in 2007. Since then, we have grown from a local startup of 3 people to a global team of over 150 people, developing quality devices in-house and working with clients in more than 120 countries in Europe, Asia, the Middle East, Africa, North America, and Latin America. Currently, Ruptela is part of the holding - Ruptela Group.

To be closer to our customers, Ruptela HQ is in Lithuania, and we have offices in the UAE and Mexico. Also, our global teams are located in Africa, Asia, and Brazil.

More than 2 million deployed devices!

Our values:

Courage

Care

Evolution

Learn more about Ruptela:



www.ruptela.com

HCV5

HCV5-LTM-GL-BT



www.ruptela.com

HCV5 is a versatile GPS tracker designed for various types of vehicles. This advanced device not only tracks vehicles but also reads on-board computer data (CAN), monitors driver behavior, remotely downloads tachograph data, manages fuel, and more. With added accessories, it can be used for trailers, refrigerators, axle weight monitoring, cargo condition tracking and other solutions.

It's the ultimate solution for comprehensive fleet management and optimization.



LTE Cat M1/NB-IoT connectivity with 2G fallback



3-axis accelerometer



Ergonomic size 101 x 74 x 23 mm



2xCAN and K-line (for CAN, OBD, tachograph data reading)



Internal 1050 mAh backup battery



Remote tachograph data reading



U-blox GNSS module



Power supply 9-32V DC



4xDIN, 4xAIN, 4XDOOUT, 1-wire



Internal memory (8 MB) + SD card slot



Tampering and jamming detection



Internal and external (opt.) GNSS antennas



BLE 5.1



2xRS232 1xRS485 simultaneously



FW & configuration updates SMS/GPRS(FOTA)/USB



Proprietary vehicle data reading



Concealed OBD installation using splitter harnesses



Operating temperature -20 °C to +60°C



RS232/RS485 transparent channel



Wide vehicle model coverage

Key values:

- **Versatility** - suitable for various types of vehicles, multiple inputs, outputs, interfaces for accessories, BLE 5.1
- **Easy installation & use** - small size, ergonomic design, screwless housing, dedicated tools (Device Center, Installation Assistant), wireless solutions, concealed OBD installation, tailored harnesses
- **Excellent performance** - premium GNSS by U-blox, high-quality components
- **Secure** - tamper, jamming detection, backup battery, TLS v1.2
- **Broad vehicle coverage** - excellent vehicle coverage and various OBD and CANbus parameters supported (including proprietary manufacturer data)
- **Full solution from one supplier** - GPS tracking device combined with suitable accessories

Applications:

- Real-time monitoring of fleets and cargo
- Fleet efficiency optimization
- Driver behavior monitoring and education
- Improves safety and security for drivers, vehicles, and cargo
- Fuel monitoring
- Cargo conditions monitoring
- Maintenance cost reduction
- Trailer tracking and data reading (EBS)
- Remote tachograph data reading
- Accident detection and reconstruction
- Stolen vehicle recovery
- Driver identification
- Business and private trips selection
- Car-sharing solution
- Refrigeration unit data reading



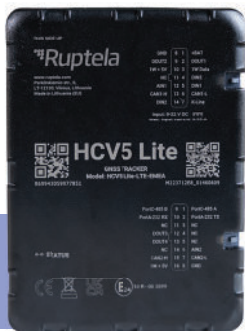
Datasheet

HCV5-Lite

HCV5 Lite-LTE-EMEA



www.ruptela.com



HCV5 Lite - a cutting-edge GPS tracker built to meet the evolving needs of heavy and light commercial vehicle tracking. This future-proof device is packed with advanced features, including the ability to read on-board computer data (CAN), monitor driver behavior, remotely download tachograph data, and manage fuel efficiently.

Stay connected and in control with the HCV5 Lite GPS tracker, the ultimate solution for optimizing your commercial vehicle operations



LTE Cat 1 connectivity with 2G fallback



3-axis accelerometer



Ergonomic size 101 x 74 x 23 mm



2xCAN for OBD and CAN data reading



Internal 1050 mAh backup battery



Remote tachograph data reading



U-blox GNSS module



Power supply 9-32V DC



3xDIN, 2xAin, 4XDOUT, 1-wire



Internal memory 16 MB



Jamming detection



Internal GNSS antenna



BLE 5.0



Switchable serial ports: RS232/RS485/K-line



FW & configuration updates SMS/GPRS (FOTA)/USB



Proprietary vehicle data reading



Concealed OBD installation using splitter harnesses



Operating temperature -20 °C to +60 °C



Wide vehicle model coverage

Key values:

- **Versatility** - suitable for all types of vehicles, multiple inputs, outputs, interfaces for accessories, BLE 5.0
- **Easy installation & use** - small size, ergonomic design, screwless housing, dedicated tools (device center, installation assistant), wireless solutions, concealed OBD installation, tailored harnesses
- **Excellent performance** - premium GNSS by U-blox, high-quality components
- **Secure** - jamming detection, backup battery.
- **Broad vehicle coverage** - excellent vehicle coverage and various OBD and CANbus parameters supported (including proprietary manufacturer data)
- **Full solution from one supplier** - GPS tracking device combined with suitable accessories

Applications:

- Real-time monitoring of fleets and cargo
- Fleet efficiency optimization
- Driver behavior monitoring
- Improves safety and security for drivers, vehicles, and cargo
- Fuel monitoring
- Cargo conditions monitoring
- Maintenance cost reduction
- Remote tachograph data reading
- Accident detection
- Stolen vehicle recovery
- Driver identification
- Business and private trips selection



Datasheet

Pro5

Pro5-LTM-GL-BT



www.ruptela.com

Advanced GPS tracker designed for all types of vehicles, including trucks, buses, and specialized machinery. It offers advanced capabilities such as reading on-board computer data (CAN), monitoring driver behavior, managing fuel, etc.

Upgrade your fleet management with our versatile GPS tracker.

- LTE Cat M1/NB-IoT connectivity with 2G fallback
- 3-axis accelerometer
- Ergonomic size 101 x 74 x 23 mm
- 2x CAN for HCV CAN data reading
- Internal 1050 mAh backup battery
- Tampering and jamming detection
- U-blox GNSS module
- Power supply 9-32V DC
- 4xDIN, 4xAIN, 4XDOUT, 1-wire
- Internal memory (8 Mb) + SD card slot
- Operating temperature -20 °C to +60 °C
- Internal and external (opt.) GNSS antennas
- BLE 5.1
- 2xRS232 1xRS485 simultaneously
- FW & configuration updates SMS/GPRS (FOTA)/USB
- RS232/RS485 transparent channel

Key values:

- **Versatility** - suitable for trucks, busses, agriculture and other specialized machinery, multiple inputs, outputs, interfaces for accessories, BLE 5.1
- **Easy installation & use** - small size, ergonomic design, screwless housing, dedicated tools (device center, installation assistant), wireless solutions, tailored harnesses
- **Excellent performance** - premium GNSS by U-blox, high-quality components
- **Secure** - tamper, jamming detection, backup battery, TLS v1.2
- **Full solution from one supplier** - GPS tracking device combined with suitable accessories

Applications:

- Real-time monitoring of fleets and cargo
- Fleet efficiency optimization
- Driver behavior monitoring and education. Improves safety and security for drivers, vehicles, and cargo
- Fuel monitoring
- Cargo conditions monitoring
- Maintenance cost reduction
- Trailer tracking and data reading (EBS)
- Accident detection and reconstruction
- Stolen vehicle recovery
- Driver identification



Datasheet

Pro5-Lite*

Pro5-Lite-LTE-LA



www.ruptela.com



Pro5 Lite - a future-proof GPS tracker for heavy and light commercial vehicle tracking. It optimizes fleet operations with advanced features like CAN data reading, driver behavior monitoring, and fuel management.

Upgrade your fleet management with Pro5 Lite for enhanced tracking and efficiency.

**LATAM region only*



LTE Cat 1 connectivity with 2G fallback



3-axis accelerometer



Ergonomic size 101 x 74 x 23 mm



2xCAN for OBD and CAN data reading



Internal 1050 mAh backup battery



Jamming detection



U-blox GNSS module



Power supply 9-32V DC



3xDIN, 2xAIN, 4XDOUT, 1-wire



Internal memory 16 MB



Proprietary vehicle data reading



Internal GNSS antenna



BLE 5.0



Switchable serial ports RS232 / RS485



FW & configuration updates SMS/GPRS (FOTA)/USB



Concealed OBD installation using splitter harnesses



Operating temperature -20 °C to +60 °C



3.5mm microphone and audio jack



Wide vehicle model coverage

Key values:

- **Versatility** - suitable for all type of vehicles, multiple inputs, outputs, interfaces for accessories, BLE 5.0
- **Easy installation & use** - small size, ergonomic design, screwless housing, dedicated tools (device center, installation assistant), wireless solutions, concealed OBD installation, tailored harnesses
- **Excellent performance** - premium GNSS by U-blox, high-quality components
- **Secure** - jamming detection, backup battery.
- **Broad vehicle coverage** - excellent vehicle coverage and various OBD and CANbus parameters supported (including proprietary manufacturer data)
- **Full solution from one supplier** - GPS tracking device combined with suitable accessories

Applications:

- Real-time monitoring of fleets and cargo
- Fleet efficiency optimization
- Driver behavior monitoring. Improves safety and security for drivers, vehicles, and cargo
- Fuel monitoring
- Cargo conditions monitoring
- Maintenance cost reduction
- Accident detection
- Stolen vehicle recovery
- Driver identification
- Business and private trips selection
- Audio communication with driver



Datasheet

Plug5

Plug5-LTE-NA-BT-Wifi
 Plug5-LTM-NA-BT
 Plug5-LTM-EMEA-BT



www.ruptela.com



An advanced GPS tracker in OBD dongle form factor for Plug & Play advanced vehicle tracking. It is designed for precise vehicle tracking and can perform advanced tasks - read OBD2 and CAN data, monitor driver behavior, detect and reconstruct accidents, reduce maintenance costs, etc. Additionally, using a harness makes it possible to read data from different types of vehicles.



LTE Cat 4* and LTE Cat M1 connectivity with 2G fallback



3-axis accelerometer



BLE 5.1



CAN (FMS, J1708, J1939), OBDII, DTC data reading



Internal backup battery 180mAh



Plug & Play installation



U-blox GNSS module



Power supply 9-32V



Wide vehicle model coverage



Internal memory 16 MB



Jamming detection



Internal GNSS antenna



Wi-Fi hotspot (CAT4 version only)



Proprietary vehicle data reading



FW & configuration updates (SMS/GPRS (FOTA)/USB)



Automatic vehicle model detection and configuration



Multitone internal buzzer



Operating temperature -20°C to +60°C



Advanced ignition detection algorithms

*LTE CAT 4 for NA region only

Key values:

Applications:

- **Easy installation & use** - Plug & Play installation, autodetection and autoconfiguration, special harnesses for installation into heavy vehicles, dedicated tools (device center, configuration assistant)
- **Excellent performance** - premium GNSS by U-blox, high-quality components
- **Versatility** - suitable all types of vehicles, BLE 5.1 for various accessories
- **Secure** - jamming detection, unplug detection, backup battery, TLS v1.2
- **Broad vehicle coverage** - excellent vehicle coverage and various OBD and CANbus parameters supported (including proprietary manufacturer data)
- **Full solution from one supplier** - GPS tracking device combined with suitable accessories

- Real-time fleet monitoring
- Fleet efficiency optimization
- Driver behavior monitoring
- Fuel monitoring
- Maintenance cost reduction
- Wi-Fi hotspot (LTE Cat 4 version only)
- Accident detection and reconstruction
- Stolen vehicle recovery
- Driver identification



Datasheet


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[Datasheet](#)


Trace5

Trace5-LTM
Trace5-LTE-EMEA
Trace5-LTE-LA

Trace5 is a compact GNSS-based vehicle tracker designed for efficient vehicle tracking and fleet management. 4G connectivity and a premium GNSS module ensure reliable and accurate data transmission, making it suitable for logistics, delivery, utility services, and more.

Simplify your operations with Trace5.

Key values:

- **Excellent performance** - premium GNSS by U-blox, high-quality components
- **Easy installation & use** -small size, ergonomic design, screwless housing, dedicated tools (device center, installation assistant), wireless solutions
- **Secure** - jamming detection, back-up battery, TLS v1.2* (**No TLS 1.2 on Trace5-LTE versions)
- **Full solution from one supplier** - GPS tracking device combined with suitable accessories

Applications:

- Real-time monitoring of fleets and cargo
- Fleet efficiency optimization
- Driver behavior monitoring and education. Improves safety and security for drivers, vehicles, and cargo
- Cargo conditions monitoring
- Accident detection
- Stolen vehicle recovery
- Driver identification
- Business and private trips selection



LTE Cat 1 & LTE Cat M1/NB-LoT connectivity with 2G fallback



3-axis accelerometer



Small size
65x 61 x 22 mm



Quick and easy installation



Internal 190 mAh backup battery



2x configurable (invertible) digital inputs



U-blox GNSS module



Power supply
8-30 V DC



4xDIN, 2xAIN, 2XDOUT, 1-wire



Internal memory
8 MB



Jamming detection



Internal GNSS and cellular antennas



Operating temperature
-20 °C to +60°C



FW & configuration updates SMS/ GPRS(FOTA)/USB


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[Datasheet](#)


Trace5 (IP67)

Trace5-LTE-IP67-EMEA
Trace5-LTE-IP67-LA
Trace5-LTM-IP67

Trace5 IP67 version of the device with a rugged housing, providing complete protection against water, dirt, and mechanical factors. This version is designed to withstand harsh environments and can be installed outside the cabin, near the engine, while ensuring optimal performance and functionality.

Key values:

- **Excellent performance** - premium GNSS by U-blox, high-quality components
- **Outstanding resistance of the housing** - IP67 ensures ability to survive in harsh environments
- **Secure** - jamming detection, back-up battery, TLS v1.2* (**No TLS 1.2 on Trace5-LTE versions)
- **Full solution from one supplier** - GPS tracking device combined with suitable accessories

Applications:

- Real-time monitoring of fleets and cargo
- Fleet efficiency optimization
- Driver behavior monitoring and education
- Improves safety and security for drivers, vehicles, and cargo
- Cargo conditions monitoring
- Accident detection
- Stolen vehicle recovery
- Driver identification
- Business and private trips selection



LTE Cat 1 & LTE Cat M1/NB-LoT connectivity with 2G fallback



3-axis accelerometer



Small size
95x 77 x 29 mm



Quick and easy installation



Internal 190 mAh backup battery



2x configurable (invertible) digital inputs



U-blox GNSS module



Power supply
8-30 V DC



4xDIN, 2xAIN, 2XDOUT, 1-wire



Internal memory 8 MB



Jamming detection



Internal GNSS and cellular antennas



Operating temperature
-20 °C to +60°C



FW & configuration updates SMS/ GPRS (FOTA)/USB



BLE 4.2 classic & LE
*except Trace5-LTM-IP67



Waterproof IP67 housing

Trace5 Trailer Tracker

Trace5-LTM-IP67(TT)

Trace5 Trailer Tracker - a compact GNSS-based Automatic Vehicle Location (AVL) tracker that encompasses all the essential features for vehicle and trailer tracking as well as fleet management. This advanced device uses GNSS signals to acquire precise location data and transfers it to a server through cellular connectivity options, including LTE Cat M1, NB-IoT, or GSM networks.



www.updella.com



Datasheet

Key values:

- **Excellent performance** - premium GNSS by U-blox, high-quality components
- **Outstanding resistance of the housing** - IP67 ensures ability to survive in harsh environments
- **Long lasting internal battery** - tracker can last up to 36 days from a battery with a 5-hours reporting period
- **Secure** - jamming detection, back-up battery, TLS v1.2
- **Full solution from one supplier** - GPS tracking device combined with suitable accessories

Applications:

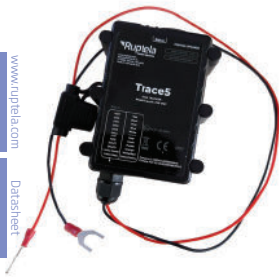
- Trailer tracking
- Real-time monitoring of fleets and cargo
- Fleet efficiency optimization
- Driver behavior monitoring and education. Improves safety and security for drivers, vehicles, and cargo
- Cargo conditions monitoring
- Accident detection
- Stolen vehicle recovery
- Driver identification
- Business and private trips selection

- LTE Cat M1/NB-IoT connectivity with 2G fallback
- 3-axis accelerometer
- Small size 95 x 77 x 29 mm
- Quick and easy installation
- Big internal 3100 mAh battery
- 2x configurable (invertible) digital inputs
- U-blox GNSS module
- Power supply 8-30 V DC
- 4xDIN, 2xAIN, 2XDOUT, 1-wire
- Internal memory 8 MB
- Jamming detection
- Internal GNSS and cellular antennas
- Operating temperature -20 °C to +60°C
- FW & configuration updates SMS/GPRS(FOTA)/USB
- Waterproof IP67 housing

Trace5 Battery Mounted

Trace5-LTM-IP67 (Battery mounted)
Trace5-LTE-IP67 (battery Mounted)

Trace5 Battery Mounted - a compact GNSS-based Automated Vehicle Location (AVL) tracker with essential vehicle tracking and fleet management features explicitly designed for battery-mounted applications. It utilizes GNSS signals for accurate positioning and transfers data via 2G (GSM) and LTE Cat M1/NB-IoT or LTE Cat 1 (4G) networks. With a premium GNSS module from U-blox, Trace5 delivers



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Datasheet

reliable location data for diverse industry applications. Choose the battery-mounted edition for flexible installation options. Simplify your fleet management with Trace5.

Key values:

- **Excellent performance** - premium GNSS by U-blox, high-quality components
- **Easy installation & use** - installation straight on the vehicle battery, dedicated tools (device center, installation assistant), wireless solutions
- **Outstanding resistance of the housing** - IP67 ensures ability to survive in harsh environments
- **Secure** - jamming detection, back-up battery, TLS v1.2 * (*No TLS 1.2 on Trace5-LTE versions)
- **Full solution from one supplier** - GPS tracking device combined with suitable accessories

Applications:

- Real-time monitoring of fleets and cargo
- Fleet efficiency optimization
- Driver behavior monitoring and education
- Improves safety and security for drivers, vehicles, and cargo
- Cargo conditions monitoring
- Accident detection
- Stolen vehicle recovery

- LTE Cat 1 & LTE Cat M1/NB-IoT connectivity with 2G fallback
- 3-axis accelerometer
- Small size 95x 77 x 29 mm
- Quick and easy installation
- Internal 190 mAh backup battery
- 2x configurable (invertible) digital inputs
- U-blox GNSS module
- Power supply 8-30 V DC
- 4xDIN, 2xAIN, 2XDOUT, 1-wire (accessible by switching harnesses)
- Internal memory 8 MB
- Jamming detection
- Internal GNSS and cellular antennas
- Operating temperature -20 °C to +60°C
- FW & configuration updates SMS/GPRS(FOTA)/USB
- BLE 4.2 classic & LE *except Trace5-LTM-IP67
- Waterproof IP67 housing
- High resistance to external damage



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Datasheet

FM-Eco4+ E T

FM-Eco4+ E T

Eco4+ E T - a GPS tracking device with IP67 housing and external GNSS antenna. The waterproof housing provides protection against water, dirt, and vibrations, while the external antenna ensures optimal performance even in challenging environments.

Simplify your tracking needs with our durable and versatile device.

**EOL - warehouse cleaning, last units left.*

Key values:

- **Excellent performance** - premium GNSS by U-blox, high-quality components
- **Secure** - jamming detection, back-up battery, TLS v1.2
- **Full solution from one supplier** - GPS tracking device combined with suitable accessories

Applications:

- Real-time monitoring of fleets and cargo
- Fleet efficiency optimization
- Driver behavior monitoring and education
- Improves safety and security for drivers, vehicles, and cargo
- Cargo conditions monitoring
- Accident detection
- Stolen vehicle recovery
- Driver identification
- Business and private trips selection



2G connectivity



3-axis accelerometer



Small size
95x 77 x 29 mm



Quick and easy installation



Internal 190 mAh backup battery



2x configurable (invertible) digital inputs



U-blox GNSS module



Power supply
6-31.5V DC



4xDIN, 2xAIN, 2XDOUT, 1-wire



Internal memory
4 MB



Jamming detection



External GNSS and internal cellular antennas



Operating temperature
-20 °C to +60°C



FW & configuration updates SMS/GPRS(FOTA)/USB



Waterproof IP67 housing



High resistance to external damage



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Datasheet

FM-Eco4 light+T

FM-Eco4 light+ T: Eco4 light Third Edition with battery

FM-Eco4 light+T - a reliable and easy-to-install vehicle tracker designed for efficient fleet management. With 4x (2x configurable) digital inputs (DINs), it offers flexibility for integrating buttons, door sensors, and other accessories.

Simplify your tracking system with FM-Eco4 light+T.

**EOL - warehouse cleaning, last units left.*

Key values:

- **Excellent performance** - premium GNSS by U-blox, high-quality components
- **Easy installation & use** - small size, ergonomic design, screwless housing, dedicated tools (device center, installation assistant)
- **Secure** - jamming detection, back-up battery, TLS v1.2
- **Full solution from one supplier** - GPS tracking device combined with suitable accessories

Applications:

- Real-time monitoring of fleets and cargo
- Fleet efficiency optimization
- Driver behavior monitoring and education
- Improves safety and security for drivers, vehicles, and cargo
- Cargo conditions monitoring
- Accident detection
- Stolen vehicle recovery
- Driver identification
- Business and private trips selection



2G connectivity



3-axis accelerometer



Small size
65 x 61 x 22 mm



Quick and easy installation



Internal 190 mAh backup battery



2x configurable (invertible) digital inputs



U-blox GNSS module



Power supply
6-31.5V DC



4xDIN, 2xAIN, 2XDOUT, 1-wire



Internal memory
4 MB



Jamming detection



Internal GNSS and cellular antennas



Operating temperature
-20 °C to +60°C



FW & configuration updates SMS/GPRS(FOTA)/USB



Waterproof IP67 housing



High resistance to external damage



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Datasheet



FM-Plug4

FM-Plug4+ With internal LiPo 3.7V, 190mAh battery

FM-Plug4 - a GPS tracker that easily connects to your vehicle's OBDII socket. This Plug & Play tracker offers fast and simple installation, allowing for on-the-spot presentations. Simplify your tracking experience with FM-Plug4.

**EOL - warehouse cleaning, last units left.*

- ZG connectivity
- 3-axis accelerometer
- Small size
63 x 52 x 28 mm
- Plug & Play installation
- Internal 190 mAh backup battery
- Internal GNSS and cellular antennas
- U-blox GNSS module
- Power supply
10-32V DC
- Operating temperature
-35 °C to +60°C
- Internal memory
4 MB
- FW & configuration updates SMS/GPRS(FOTA)/USB
- Basic OBD and DTC data reading

Key values:

- **Excellent performance** - premium GNSS by U-blox, high-quality components
- **Easy installation & use** - plug & play, compact size, dedicated tools (device center, installation assistant)
- **Secure** - jamming detection, unplug detection, back-up battery, TLS v1.2

Applications:

- Real-time fleet monitoring
- Fleet efficiency optimization
- Driver behavior monitoring
- Maintenance cost reduction
- Accident detection
- Driver identification

GPS trackers matrix

Product Family	Commercial name	Order Code	LTE CAT1	LTE CAT M1	LTE CAT4	NB IoT	ZG	BLE	Battery	Internal GNSS-antenna	External OBD-antenna	Housing IP rate	CAN	K-Line	R232	RS485	1-wire	DiN	DDIT	AlN	Audio	SD card slot			
Advanced GPS trackers	HCV5 4G Global BLE	HCV5-LTM-GL-BT		+		+	+	+	1050mAh	+	Optional		x2	x1	x2	x1	+	x4	x4	x4		+			
	HCV5-Lite 4G EMEA	HCV5-Lite-LTE-EMEA	+					+	1050mAh	+			x2	x1*	x1*	x1*	+	x3	x4	x2					
	Pro5 4G Global BLE	Pro5-LTM-GL-BT		+		+	+	+	1050mAh	+	Optional		x2	x1	x2	x1	+	x4	x4	x4		+			
	Pro5-Lite 4G LA	Pro5-Lite-LTE-LA	+					+	1050mAh	+			x2	x1*	x1*	x1*	+	x3	x4	x2		+			
	Plug5	Plug5-LTE-NA-BT-WIFI			+				+	180mAh	+	Optional		x6	x1										
Plug5-LTM-NA-BT				+				+	180mAh	+	Optional		x6	x1											
Plug5-LTM-EMEA-BT				+				+	180mAh	+	Optional		x6	x1											
Basic segment GPS trackers	Trace5	Trace5-LTM		+		+	+		190mAh	+								+	x4	x2	x2				
		Trace5-LTE-EMEA		+					+	190mAh	+								+	x4	x2	x2			
		Trace5-LTE-LA		+					+	190mAh	+								+	x4	x2	x2			
	Trace5 IP67	Trace5-LTM-IP67			+		+	+		190mAh	+		IP67							+	x4	x2	x2		
		Trace5-LTE-IP67-EMEA			+				+	190mAh	+		IP67							+	x4	x2	x2		
		Trace5-LTE-IP67-LA			+				+	190mAh	+		IP67							+	x4	x2	x2		
	Trace5 Trailer tracker	Trace5-LTM-IP67 (TT)			+		+	+	3100mAh	+		IP67								+	x4	x2	x2		
	Trace5 Battery Mounted	Trace5-LTM-IP67 (Battery mounted)			+				+	190mAh	+		IP67							+	x4	x2	x2		
		Trace5-LTE-EMEA-IP67 (Battery mounted)			+				+	190mAh	+		IP67							+	x4	x2	x2		
	Eco4+T	FM-Eco4+ET						+	190mAh	+		+	IP67							+	x4	x2	x2		
	Eco4 light+T	FM-Eco4 light+T						+	190mAh	+										+	x4	x2	x2		
	Plug4	FM-Plug4+						+	190mAh	+															

*Switchable

Wireless Sensors

for an easier way to monitor your vehicles

www.ruptels.com



Wireless Temperature & Humidity Sensor

This Temperature & Humidity Sensor is a high-accuracy wireless cargo condition monitoring sensor for vans and heavy-duty vehicles with a trailer. This sensor tracks the temperature and humidity in real time, collects the data, and sends it to a tracking device.

Compatibility: HCV5, Pro5, HCV5 Lite, Pro5 Lite, Trace5*, Plug5 **only Trace5-LTE-IP67*



Datasheet

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Wireless Trailer ID

The same wireless temperature & humidity sensor used for the trailer identification helps to avoid lengthy installations of the wired solution. It enables the user to know exactly which trailer is attached. The algorithm automatically detects the most probable beacon to be used as a trailer ID.

Compatibility: HCV5, Pro5, HCV5 Lite, Pro5 Lite, Trace5*, Plug5 **only Trace5-LTE-IP67*



Datasheet

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Wireless Driver Identification

Wireless Driver Identification eliminates the need to perform lengthy and complex installation of wired solutions. It enables the user to know exactly who is driving and perform engine blocking for unauthorized access when necessary.

Compatibility: HCV5, Pro5, HCV5 Lite, Pro5 Lite, Trace5*, Plug5 **only Trace5-LTE-IP67*



Datasheet

www.ruptels.com



Wireless Fuel Level Sensor

Wireless battery-powered fuel level sensor with a 5 to 10 years of battery time guarantees accurate and reliable fuel level monitoring and no messing with wires.

Compatibility: HCV5, Pro5, HCV5 Lite, Pro5 Lite, Trace5*, Plug5 **only Trace5-LTE-IP67*



Datasheet

Wired accessories

for your vehicle safety and security, better fuel monitoring and more



www.ruptela.com

Fuel level sensor

The fuel level sensor is fully developed and manufactured by Ruptela for universal fuel management - monitoring fuel level, controlling fuel consumption and preventing fuel theft. Pro-digital and Eco-analog fuel level sensor versions are available.

Compatibility: HCV5, Pro5, HCV5 Lite, Pro5 Lite, Trace5, Eco4



Datasheet



www.ruptela.com

EasyCAN

EasyCAN is used for a fast and safe connection to a vehicle's on-board computer (CANbus). EasyCAN connects a GPS tracking device to the vehicle's on-board computer, without cutting wires or violating the manufacturer's warranty. EasyCAN can read data from FMS and J1708 CANbus.

Compatibility: HCV5, Pro5, HCV5 Lite, Pro5 Lite



Datasheet



www.ruptela.com

1-wire Temperature sensor

Ruptela's temperature sensors are designed to measure the temperature of cargo and refrigerators. The sensors operate with an accuracy of $\pm 0.5^{\circ}\text{C}$ in a temperature range from -40°C to $+120^{\circ}\text{C}$. The sensor housing is IP67 working environments.

Compatibility: HCV5, Pro5, HCV5 Lite, Pro5 Lite, Trace5, Eco4



Datasheet



www.ruptela.com

iButton

This accessory can be used when more than one person uses a vehicle or when one person uses several vehicles. It shows who used the vehicle, when, and who was in charge of it. It is possible to block the vehicle's engine and notify about illegal use.

Compatibility: HCV5, Pro5, HCV5 Lite, Pro5 Lite, Trace5, Eco4



Datasheet

www.ruptela.com



Eco-Drive Panel

The Eco-Drive panel is a device developed and manufactured by Ruptela to monitor and educate drivers in real time. The panel informs the driver when his/her driving actions cause fuel wastage and accelerate vehicle depreciation. Driving information is also sent to the real-time monitoring and control system, which analyses driver behavior and provides data for driver performance evaluation.

Compatibility: HCV5, Pro5, Eco4



Dashsheet

www.ruptela.com



Fatigue Sensor

The fatigue sensor is a safe driving system designed for commercial fleets that can connect to Ruptela's devices via the RS232 interface. The device alarms the driver upon detection of fatigue or distraction. It also provides on-demand image output to the fleet management system when either of the alarms is triggered. These images serve as evidence to check the driver's real state and other data. It helps the management centers further improve driver safety and performance.

Compatibility: HCV5, Pro5



Dashsheet

www.ruptela.com



External GNSS Antenna

External GNSS antenna can be connected to the 5th generation advanced family devices (HCV5, Pro5) for more accurate fleet location, especially when it is needed to hide the tracker under metal construction in the vehicle. If the external antenna is damaged or disconnected, the internal one will take over and you will get a notification that someone is trying to interrupt fleet monitoring or damage the device.

Compatibility: HCV5, Pro5



Dashsheet

www.ruptela.com



Push-to-Talk

The handheld transceiver is designed to maintain voice communication between the driver and the manager. The device does not require an additional SIM card and is simply plugged into the GPS device.

Compatibility: Pro5 Lite



Dashsheet

www.ruptela.com



Ignition Block Relay

The engine relay is a device designed to block a vehicle's engine, which offers protection against unauthorized use of the vehicle. Remote activation of the relay is possible through a monitoring and control system or SMS.



DashSheet

Compatibility: HCV5, Pro5, HCV5 Lite, Pro5 Lite, Trace5, Eco4

www.ruptela.com



Company Card Reader

The Company card reader is used to remotely read tachograph and driver card data and transmit it to Fleet monitoring system. The data is obtained in the officially adopted .ddd format, and the reader is connected to the computer via a USB device.



DashSheet

Compatibility: Supported by PC

www.ruptela.com



1-Wire RFID Reader

The 1-Wire RFID reader is a small card-reader for UNIQUE standard 125 kHz frequency cards that enable the identification of the driver. The RFID reader shows who is using the vehicle, at what time, and who is in charge of it. If any discrepancies arise during the identification process, it is possible to block the vehicle's engine, notify the driver by an audio signal and send the warning to the monitoring and control system.



DashSheet

Compatibility: HCV5, Pro5, HCV5 Lite, Pro5 Lite, Trace5, Eco4

Ensure up to 50% shorter installation time

for most popular installation cases and reduce the probability of installation mistakes.

www.ruptelab.com



FMS harness

FMS harness is used to install advanced trackers on trucks. CANbus data is available using the FMS harness.

Compatibility: HCV5, Pro5, HCV5 Lite, Pro5 Lite



Datasheet

www.ruptelab.com



Tacho harness

Connect HCV5 and HCV5-Lite to the tachograph faster and easier with the Tacho harness. Available for Siemens VDO and Stoneridge tachographs.

Compatibility: HCV5, HCV5 Lite



Datasheet

www.ruptelab.com



OBDII harness

OBDII harness is used to install advanced trackers to light commercial vehicles. CANbus data reading is available using the OBDII harness. Connection via OBDII can also be used as a power source.

Compatibility: HCV5, HCV5 Lite, Pro5 Lite



Datasheet

www.ruptelab.com



OBDII Splitter harness

OBDII splitter harness is used to install advanced trackers to light commercial vehicles. The harness prevents tampering and accidental disconnection due to concealed installation. The wire replaces original OBD socket with special adapters.

Compatibility: HCV5, HCV5 Lite, Pro5 Lite



Datasheet

www.ruptelab.com



9-Pin Y Splitter harness

The 9-Pin Y Splitter-Harness is used to install advanced trackers to trucks with a 9-Pin Deutsch socket. CANbus data reading is available using the harness. The connection can also be used as a power source. The spare socket stays available for vehicle diagnostics.

Compatibility: HCV5, Pro5, HCV5 Lite, Pro5 Lite



Datasheet



Accessories Compatibility Matrix

Solution	Accessories	Order code	KCV5	Pro5	KCV5 Lite	Pro5 Lite	Trace5	Ecot E.T	Ecodlight T	Plug4	Plug5
Fuel level monitoring	DIGITAL FUEL LEVEL SENSOR	Pro_FLS	+	+	+	+	+	+	+		
	WIRELESS FUEL LEVEL SENSOR	DUT-E_S7_700	+	+	+	+	+				+
	FUEL FILLER SECURITY	BAK-Q80	+	+	+	+	+	+	+	+	
Driver behaviour monitoring	FATIGUE SENSOR	MR688	+	+							
	ECO-PANEL	Ecodrive01	+	+	+	+		+	+		
Safety and security	COMPANY CARD READER	CM3021B									
	1-WIRE RFID READER	1W-H3-05	+	+	+	+	+	+	+		
	IBUTTON READER	DS9092	+	+	+	+	+	+	+		
	BEACON	D15N UFO	+	+	+	+	+				+
	IGNITION BLOCKING RELAY	Relay12V	+	+	+	+	+	+	+		
	ELA DOOR BLOCKING SENSOR	BLUE_PUCK_MAG	+	+	+	+	+				+
	PUSH TO TALK	PTT01				+					
	1-WIRE TEMPERATURE SENSOR	Temp_01	+	+	+	+	+	+	+		
	BLE TEMPERATURE AND HUMIDITY MONITORING SENSOR	X00975	+	+	+	+	+				+
	TRAILER ID	PUCK_ID	+	+	+	+	+				+
Others	EASY CAN	easycan01v	+	+	+	+					
	EXTERNAL GNSS ANTENA	B00002	+	+							+

*wireless fuel level sensor is compatible with the Trace5-LTE-IP67 version from the Trace5 family of devices

Harnesses Compatibility Matrix

Category	Harness	Order code	KCV5	Pro5	KCV5 Lite	Pro5 Lite	Trace5	Plug4+	Plug5
FMS harnesses	FMS harness with accessory wires 0.5 m (CS116-33-01) (5th gen)	K00090	+	+	+	+			
OBD harnesses	Unified OBDII splitter harness	K00133	+	+	+	+			
	OBDII standard harness (CS116-35)	K00093	+	+	+	+			
	OBD II 90-degree angle extender with cable length 30cm	K00033						+	+
	Trace5 OBD power harness	K00080					+		
Tacho harnesses	Tacho harness with accessory wires 1.5m (CS116-34-01)	K00092	+		+				
9-Pin Y Splitter-Harness	5th generation 9-pin splitter harness	K00117	+	+	+	+			



Easy to Use

Physical Installation

We recommend installing Ruptela tracking devices using special installation harnesses. Various harness types make tracking device installation fast, easy and professional.

They are designed for the most popular installation scenarios and come in different lengths. With these harnesses, there will be no need to cut wires in the vehicle, and the installation time will be shorter by up to 50%.

Device Configuration

The Device center is a configuration tool for Ruptela tracking devices:

- Interactive geozones
- All interrelated settings and IO parameters turn on automatically
- Application recommends the most optimal values for settings and parameters
- Simple user interface with no unnecessary information and settings
- Informational tooltips guide users along the way
- Faster technician onboarding
- Can receive CANbus data (J1708, J1939)

Device Management Platform

The Device Management Platform (DMP) is an online tool designed for remote configuration and updates of Ruptela tracking devices. It simplifies device setup, firmware updates, and maintenance for transport telematics and fleet management service providers. DMP is user-friendly and the go-to platform for hassle-free device management.

Key Features:

- Remote Configuration: Easily set up tracking devices remotely.
- OTA Updates: Update device firmware over-the-air for the latest features and security.
- Service Provider-Focused: Ideal for transport service providers, ensuring smooth device management.
- Transition Support: Use alongside LCM during the transition, with DMP as the long-term solution.
- User-Friendly: Simplifies complex tasks for service providers and end-users.
- DMP streamlines device management, making it efficient and secure for service providers and end-users.

Documentation and support

Documentation for tracking devices and peripherals is available on our documentation platform doc.ruptela.com.

Product datasheets, user manuals, firmware files, quick start guides, and other documents are available on doc.ruptela.com.

Our technical support is always here to help with any questions you have. To reach our technical support, use the self-service portal my.ruptela.com or email us at support@ruptela.com.

Technical support is available I-V 7 AM - 2 AM (GMT +2).

Login to DMP:



Visit documentation platform:



LCV wizard platform:



Visit How-To videos:



Supported vehicle list:



Public Sector

Tracking devices for this industry:
HCV5, HCV5 Lite, Pro5, Pro5 Lite, Plug5, Trace5, Eco4, Plug4

Industry challenges:

- Reduced fuel consumption
- Real-time tracking
- Cargo and driver safety and security
- Driver identification

Benefits provided:

- Reduce the fuel consumption of the vehicle, as well as reduce the overall emission of the fleet.
- Reduce delivery costs and increase the safety of the cargo and the driver while preventing harsh driving and lowering the possibility of an accident.
- Monitor real-time fleet location and provide drivers with needed route information.
- Identify the driver of the vehicle and its behavior.

Car Dealership and Leasing

Tracking devices for this industry:
HCV5, HCV5 Lite, Pro5, Pro5 Lite, Plug5, Trace5, Eco4, Plug4

Industry challenges:

- Real-time tracking
- Vehicle theft prevention
- Vehicle crash detection

Benefits provided:

- Monitor your vehicle location in real time and react fast to accidents or possible thefts.
- Get alerts about crash detection and be able to reconstruct the accident.

Aviation and Ground Services

Tracking devices for this industry:
HCV5, HCV5 Lite, Pro5, Pro5 Lite, Plug5, Trace5, Eco4, Plug4

Industry challenges:

- Reduced fuel consumption
- Driver identification
- Real-time tracking
- Vehicle crash detection

Benefits provided:

- Reduce fuel consumption of the fleet.
- Identify the driver (crew) of the vehicle and its behavior.
- Monitor real-time fleet location and make sure that none of the flights/planes are left unattended.
- React fast to any accident that might occur to the vehicle.

Construction

Tracking devices for this industry:
HCV5, HCV5 Lite, Pro5, Pro5 Lite, Trace5, Eco4

Industry challenges:

- Real-time tracking
- Reduced fuel consumption
- Worker identification
- Asset monitoring

Benefits provided:

- Monitor your assets using beacons.
- Reduce fleet fuel consumption and save money.
- Monitor fleet and construction equipment locations in real time to manage construction projects more efficiently.
- Identify the driver responsible for the fast and safe production delivery to the construction site.

Utility Services

Tracking devices for this industry:
HCV5, HCV5 Lite, Pro5, Pro5 Lite, Trace5, Eco4

Industry challenges:

- Real-time tracking
- Driver behavior monitoring
- Driver identification
- Reduced fuel consumption

Benefits provided:

- Monitor the location of your salt spreaders, dustcarts, or waste trucks and manage the overall cleaning infrastructure.
- Reduce your operational costs and increase the safety of the cargo and the driver while preventing harsh driving and lowering the possibility of an accident.
- Identify the driver responsible for fast and safe salt spreading or waste collection.

Agriculture

Tracking devices for this industry:
HCV5, HCV5 Lite, Pro5, Pro5 Lite, Trace5, Eco4

Industry challenges:

- Real-time tracking
- Reduced fuel consumption
- Fuel theft prevention
- Asset monitoring

Benefits provided:

- Monitor fleet and agriculture equipment locations in real time to manage agriculture projects more efficiently.
- Monitor the vehicle fuel level accurately and prevent fuel theft or leakage.
- Monitor working hours of the equipment.

Insurance

Tracking devices for this industry:
HCV5, HCV5 Lite, Pro5, Pro5 Lite, Plug5, Trace5, Eco4, Plug4

Industry challenges:

- Vehicle crash detection
- Vehicle theft prevention
- Real-time tracking and security

Benefits provided:

- Monitor your vehicle location in real time and react fast to accidents or possible thefts.
- Get alerts about crash detection and be able to reconstruct the accident.

Car-sharing

Tracking devices for this industry:
HCV5, HCV5 Lite

Industry challenges:

- Fleet safety and security
- Vehicle crash detection
- Vehicle theft prevention

Benefits provided:

- Monitor the live location of your fleet, plan your vehicle charging or refueling, and ensure your vehicles are safe and secure.
- React fast to any accident that might occur to the vehicle and analyze the data gathered.
- Prevent vehicles from being stolen by tracking live location, using geo zones or alerts for suspicious use of the vehicle.

Logistics

Tracking devices for this industry:
HCV5, HCV5 Lite, Pro5, Pro5 Lite, Plug5, Trace5, Eco4, Plug4

Industry challenges:

- Fuel theft prevention
- Driver identification
- Tachograph data reading
- Cargo and driver safety and security
- On-time and cost-effective cargo delivery
- Trailer weight monitoring

Benefits provided:

- Monitor your cargo location and provide drivers with needed route information to ensure fast delivery.
- Reduce delivery costs and increase cargo and driver safety while preventing harsh driving and lowering the possibility of an accident.
- Meet EU regulations of tachographs, download your tachograph or driver card files daily or monthly, and provide them to the authorities to avoid getting fined.
- Monitor the vehicle fuel level accurately and prevent fuel theft or leakage.
- Identify the driver who is responsible for fast and safe cargo delivery.
- Monitor trailer weight monitoring to avoid possible violations.

Emergency Service

Tracking devices for this industry:
HCV5, HCV5 Lite, Pro5, Pro5 Lite, Plug5, Trace5, Eco4, Plug4

Industry challenges:

- Fleet safety and security
- Vehicle crash detection
- Vehicle theft prevention

Benefits provided:

- React fast to any accident that might occur to the vehicle and analyze the data gathered.
- Increase cargo and driver safety while preventing harsh driving and lowering the possibility of an accident.
- React fast to any emergency situations when a driver uses panic button alerts.
- Monitor your fleet location in real time and provide drivers with the fastest route information to help as quickly as possible in emergencies.
- Reduce the fuel consumption of the fleet.

Delivery Services

Tracking devices for this industry:
HCV5, HCV5 Lite, Pro5, Pro5 Lite, Plug5, Trace5, Eco4, Plug4

Industry challenges:

- On-time and secure delivery
- Goods transportation environment
- Cargo and driver safety and security
- Driver identification

Benefits provided:

- Monitor your cargo location and provide drivers with needed route information to ensure fast delivery.
- Increase cargo and driver safety while preventing harsh driving and lowering the possibility of an accident.
- Ensure edible goods arrive fresh and healthy. Maintain the required temperature and humidity for goods to be transported in the needed environment.
- Reduce delivery costs by monitoring the fuel consumption of the vehicle.
- Identify the driver who is responsible for fast and safe cargo delivery.

Become our partners or distributors



Premium quality for a reasonable price

Only high-quality components are used to manufacture GPS tracking devices and accessories that ensure the highest quality rate of 99,9% and durability. Spiced with superior customer support, it allows our partners to focus entirely on sales and greatly benefit from our knowledge and hands-on experience.



Close partnership and mutual commitment

We are glad to bring global experience from 120+ countries to your market by customizing products to the local needs, understanding, mentality, and service. We can flexibly adapt to our partners' business models and cultures, building trust with real examples of business practices.



One technology provider

Our in-house R&D team develops, designs, and manufactures hardware products, ensuring the most accurate and reliable fleet management and GPS tracking. Ruptela's technologies and innovations are designed to grow your business and explore its full potential. Thus, the best reward for every Ruptela employee is our client's satisfaction and positive feedback.



Valuable know-how and direct communication

Close work with end-users in local markets lets us clearly identify their needs and develop products that solve real everyday problems. Our technical team, with more than 15 years of industry experience, is keen to speak directly to you, ensuring efficient and on-time communication. We work according to the best ITIL, Lean, and ISO practice.



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Driving innovation in fleet management

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