Ruptela

Where efficiency meets vehicle data excellence at the best price!

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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, India, and Mexico. Also, our global teams are located in Africa, Asia, and Brazil.

Ruptela focus areas:

Best telematics data

Excellent quality of HW

Trusted partnership

Our values:

Courage
Care
Evolution

Learn more about Ruptela:

Learn more →

www.ruptela.com

HCV5

HCV5-LTM-GL-BT

Datasheet →

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, 4XDOUT, 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 (Advanced configurator, 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
- Refrigeration unit data reading

HCV5-Lite

HCV5 Lite-LTE-EMEA
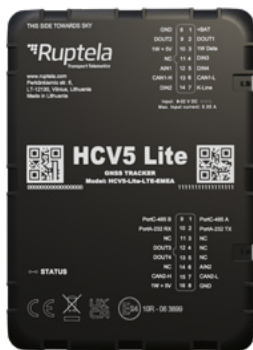
Datasheet →

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	RS232/RS485 transparent channel

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 (Advanced configurator, 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
- Car-sharing solution

LCV5

LCV-LTM-GL-BT

Datasheet →

The LCV5 is an advanced GPS tracker specifically designed for cars and light commercial vehicles, providing a full-bodied fleet tracking and management solution. Equipped with 2G, 4G (LTE Cat M1) connectivity and a range of interfaces, including CANbus, OBD reading, and multiple input/output options, it ensures comprehensive data capture and vehicle control.

LTE CAT M1 with 2G fallback	3-axis accelerometer	Ergonomic size 101 x 74 x 23 mm	2xCAN (for LCV CAN and OBD data reading)	Internal LiPo 3.7 V 1050 mAh 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	External and Internal antennas	BLE 5.1	2xRS232 1xRS485 simultaneously	FW & configuration updates SMS/GPRS (FOTA)/USB
RS232/RS485 transparent channel				

Key values:

● **Efficient performance** - read real-time vehicle data via CAN and OBD, enabling fuel monitoring, engine diagnostics, and driver behavior insights.
● **Versatile installation** - compact size, internal and external antenna options, and a built-in battery provide flexibility for various installations.
● **Advanced security** - equipped with jamming detection and sleep modes, ensuring the device stays protected and operates efficiently in different conditions.

Applications:

● Advanced OBD and CAN reading
● Applicable to business and private trips
● Driver behavior monitoring
● Safety and security
● Car sharing
● LCV fuel monitoring
● Real-time monitoring of fleets
● Fleet efficiency optimization
● Customizable with accessories

Pro5

Pro5-LTM-GL-BT

Datasheet →

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
Tampering and jamming detection	U-blox GNSS module	Power supply 9-32V DC
Operating temperature -20 °C to +60°C	Internal and external (opt.) GNSS antennas	BLE 5.1
RS232/RS485 transparent channel		

2xCAN for HCV CAN data reading	Internal 1050 mAh backup battery
4xDIN, 4xAIN, 4XDOUT, 1-wire	Internal memory (8 Mb) + SD card slot
2xRS232 1xRS485 simultaneously	FW & configuration updates SMS/GPRS (FOTA)/USB

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 (Advanced configurator, 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

Pro5S[*]

Pro5S-LTE-LA-BT

Pro5S is next-generation GPS tracker, designed exclusively for the Latin American market to deliver reliable, real-time fleet visibility. Equipped with LTE CAT4 connectivity and 3G fallback, it ensures uninterrupted data transmission. Ideal for trucks, buses, light commercial vehicles, agricultural equipment, and specialized machinery, the Pro5S goes beyond location tracking. It reads on-board computer data (CAN), monitors driver behavior, optimizes fuel management, and connects via Bluetooth to wireless accessories such as temperature sensors or ID readers.

*LATAM region only

- LTE Cat M1/NB-IoT connectivity with 3G fallback
- 3-axis accelerometer
- Ergonomic size 101 x 74 x 23 mm
- 2xCAN and K-line (for CAN, OBD data reading)
- Internal 1050 mAh backup battery
- 3.5mm audio jack
- U-blox GNSS module
- Power supply 9-32V DC
- 4xDIN, 4xAIN, 4XDOUT, 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 (Advanced configurator, 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)
- Audio communication with driver
- Accident detection and reconstruction
- Stolen vehicle recovery
- Driver identification
- Business and private trips selection
- Refrigeration unit data reading

Pro5-Lite*

Pro5-Lite-LTE-LA

Datasheet →

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 audio jack	Wide vehicle model coverage	RS232/RS485 transparent channel

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 (Advanced configurator, 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:

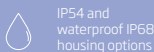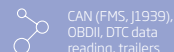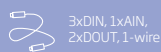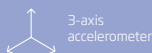- Real-time monitoring of fleets and cargo
- Fleet efficiency optimization
- Driver behavior monitoring. Improves safety and security for drivers, vehicles, and cargo
- Fuel monitoring
- Cargo conditions monitoring
- Maintenance cost reduction
- Accident detection
- Stolen vehicle recovery
- Driver identification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

Smart5

Smart5-CAN-LTE-EMEA-IP54
Smart5-CAN-LTE-LA-IP54
Smart5-CAN-LTE-EMEA-IP68

The **Smart5** is a versatile GNSS-based vehicle tracker designed for diverse fleet management. Featuring CANbus and OBD data reading capabilities, including CustomCAN for tailored data handling, the Smart5 delivers comprehensive insights about vehicle performance. Its IP54-rated and waterproof IP68 housings offer reliable environmental protection, ensuring performance in various conditions.

LTE CAT1 connectivity with 2G fallback	3-axis accelerometer	BLE 5.0
Jamming detection	Power supply 9-32 V DC	
Internal GNSS antenna	U-blox GNSS module	Internal backup battery
Operating temperature -20 °C to +40°C	FW configuration SMS/GPRS(FOTA)/USB	
3xDIN, 1xAIN, 2xDOUT, 1-wire	CAN (FMS, J1939), OBDII, DTC data reading, trailers	Small size 95x 51 x 14 mm
IP54 and waterproof IP68 housing options	Quick and easy installation	

Key values:

● **Versatility** - suitable for Heavy Duty and Light Duty vehicles, Trailers and Machinery, with CANbus data reading capabilities.
● **Outstanding housing resistance** - GPS tracker offers increased resistance to external environmental conditions, with a target IP rating of IP68.
● **Low power consumption** - in deep sleep mode, it consumes just 0.5 mA, delivering exceptional energy efficiency.
● **Excellent performance** - Swiss-made u-blox GNSS module.
● **Secure** - features jamming detection and a backup battery for power disruption detection.
● **BLE 5.0** - compatible with wireless accessories.

Applications:

● Real-time monitoring of fleets and cargo
● Driver behavior monitoring
● Increases driver, vehicle, and cargo safety and security
● Trailer tracking and data reading
● Cargo conditions monitoring
● Accident detection
● Stolen vehicle recovery
● Driver identification
● Fuel monitoring

Datasheet IP54 →

Datasheet IP68 →

Plug5

Plug5-LTM-NA-BT
Plug5-LTM-EMEA-BT

Datasheet →

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 M1 + 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
- Advanced ignition detection algorithms
- Proprietary vehicle data reading
- FW & configuration updatesSMS/GPRS (FOTA)/USB
- Automatic vehicle model detection and configuration
- Operating temperature -20 °C to +60°C

Key values:

- **Easy installation & use** – Plug & Play installation, autodetection and autoconfiguration, special harnesses for installation into heavy vehicles, dedicated tools (Advanced configurator, 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

Applications:

- Real-time fleet monitoring
- Fleet efficiency optimization
- Driver behavior monitoring
- Fuel monitoring
- Maintenance cost reduction
- Accident detection and reconstruction
- Stolen vehicle recovery
- Driver identification

Asset5

Asset5-LTM-GL
Asset5-LTE-EMEA

Datasheet →

Asset5 is a compact GPS tracker built for long-term, low-maintenance use. Powered by replaceable 2×AA LiSOCl$_2$ batteries, it operates autonomously for up to three years with 2 location reports per day. It combines GNSS and Cell-ID fallback and 4G + 2G connectivity for reliable positioning and data transfer. The IP68 housing is fully waterproof. Onboard BLE 6.0, a programmable action button, and tamper alerts enable wireless setup and security notifications. Ideal for backup tracking and autonomous location monitoring of rental and leased cars, containers, trailers, machinery, and other high-value assets.

Key values:

- **3-year autonomy** – dual AA Li-SOCl$_2$ batteries power the tracker for up to three years without maintenance.
- **Small size** - just 70×56×28 mm housing for effortless installation in tight or concealed places.
- **Easy & secure installation** – screw-less enclosure with optional magnetic holder.
- **Global connectivity** - 4G with automatic 2G fallback keeps you online in any network.
- **Precise and reliable positioning** – premium GNSS module and mobile network Cell-ID as fallback.
- **Wireless setup** – firmware updates and tracker configuration using mDMP mobile app (via Bluetooth) and DMP (FOTA) web platform.
- **Advanced security** – built-in tamper detection, programmable panic button and end-to-end TLS 1.2 encryption.
- **Built-in intelligence** – integrated 3-axis accelerometer, 1920 record memory, movement detection, and impact logging.

Applications:

- Autonomous long-term tracking
- Unauthorized movement detection
- Back-up tracking and stolen asset recovery
- Real-time location monitoring of assets
- Cargo conditions monitoring

4G connectivity with 2G fallback	Long lasting battery performance	Replaceable 2xER14505M	Bluetooth LE 6.0	Configurable action button
New generation GNSS and Cell ID fallback	Waterproof IP68 housing	Optional magnetic holder	Motion detection	Operating temperature -35 °C to +70 °C
Internal memory for 1920 location & 560 sensor records	3-axis accelerometer	Tampering detection	Internal GNSS antenna	Suitable for a broad range of assets
Device management via mDMP/GPRS (FOTA)				

Eco5 BM
Eco5-2W-LTE-EMEA-IP68

[Datasheet →]

The **Eco5 BM** is waterproof vehicle tracker optimized for battery-mounted installations, offering a simple and durable solution for tracking and fleet management. With IP68 housing, it is designed to withstand challenging environmental conditions. The device relies solely on BLE 5.0 connectivity for accessory integration, ensuring seamless wireless communication without the need for physical wiring.

Key values:

● **Easy installation & use** - simple connection of the positive and negative terminals to the vehicle battery, with secure fixation on top. Compact dimensions, ergonomic design, tool-free assembly, dedicated utilities (Advanced configurator, Installation Assistant), and wireless capabilities characterize this product.
● **Outstanding housing resistance** - GPS tracker offers increased resistance to external environmental conditions, with a target IP rating of IP68.
● **Low power consumption** - in deep sleep mode, this product achieves an unprecedented level of power efficiency, with exceptionally low power usage of just 0.5 milliamperes.
● **Excellent performance** - premium GNSS by u-blox, high-quality components.
● **Full solution from one supplier** - GPS/GNSS tracking device combined with suitable accessories.

Applications:

● Battery mounted tracking
● Real-time monitoring of fleets and cargo
● Motorcycle tracking
● Fleet efficiency optimization
● Driver behavior monitoring and education
● Ensures driver, vehicle, and cargo safety and security
● Accident detection
● Stolen vehicle recovery

Cat-1 Connectivity with 2g fallback

Vehicle battery-mounted installation

Waterproof IP68 housing

3-axis accelerometer

Internal 180 mAh backup battery

BLE 5.0

U-blox GNSS module

Power supply 9-32 V DC

Small size 98 x 56 x 21.5mm

Internal memory 8 MB

Jamming detection

Internal GNSS and cellular antennas

Operating temperature -20 °C to +40°C

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

Eco5 Lite

Eco5-5W-LTE-EMEA-IP54
Eco5-5W-LTE-LA-IP54
Eco5-5W-LTM-IP54

Datasheet →

The **Eco5 Lite** is a compact GNSS-based vehicle tracker designed for essential fleet management tasks. Featuring an IP54-rated housing, it provides reliable protection for everyday use. The device supports BLE 5.0, digital input and output, and a combo analog/digital input, making it suitable for basic vehicle tracking and driver behavior monitoring.

Its streamlined connectivity options and low power consumption make it a cost-effective and efficient choice for fleets requiring fundamental tracking capabilities.

Key values:

● **Low power consumption** - in deep sleep mode, this product achieves an unprecedented level of power efficiency, with exceptionally low power usage of just 0.5 milliamperes.
● **Excellent performance** - premium GNSS by u-blox, high-quality components.
● **Easy installation & use** - compact dimensions, ergonomic design, tool-free assembly, dedicated utilities (Advanced configurator, Installation Assistant), and wireless capabilities characterize this product.
● **Full solution from one supplier** - GPS/GNSS tracking device combined with suitable accessories.
● **Outstanding housing resistance** - GPS tracker offers increased resistance to external environmental conditions, with a target IP rating of 54.

Applications:

● Real-time monitoring of fleets and cargo
● Fleet efficiency optimization
● Driver behavior monitoring and education
● Ensures driver, vehicle, and cargo safety and security
● Cargo conditions monitoring
● Accident detection
● Stolen vehicle recovery
● Driver identification

LTE Cat 1 & LTE Cat M1/NB-IoT connectivity with 2G fallback	3-axis accelerometer	IP54 housing: dust and splash resistant
Quick and easy installation	Internal 180 mAh backup battery	
1x configurable (invertible) digital input	U-blox GNSS module	Power supply 9-32 V DC
1xDIN, 1xDIN/AIN, 1xDOUT	Internal memory 8 MB	
Jamming detection	Internal GNSS and cellular antennas	Operating temperature -20 °C to +40°C
FW & configuration updates SMS/GPRS(FOTA)/USB	BLE 5.0	
Small size 95x 51 x 14 mm		

Eco5 Lite+

Eco5-5W-LTM-V+-IP68
Eco5-5W-LTE-EMEA-V+-IP68
Eco5-5W-LTE-LA-V+-IP68

Datasheet →

The **Eco5 Lite+** enhances the capabilities of the Eco5 Lite with waterproof IP68 housing, offering superior protection in challenging environments. Additionally, it features high voltage acceptance, allowing it to integrate with a wider range of vehicles and power systems.

Supporting BLE 5.0, digital input and output, and combo analog/digital input, this model is ideal for basic vehicle tracking and operations in demanding conditions. Its combination of resilience and efficiency makes it a versatile choice for diverse fleet needs.

Key values:

● **High voltage acceptance** - the device can be powered by a 9-97 V DC power supply which ensures its capability to work with electric vehicles. Low power consumption - in deep sleep mode, this product achieves an unprecedented level of power efficiency, with exceptionally low power usage of just 0.5 milliamperes.
● **Excellent performance** - premium GNSS by u-blox, high-quality components.
● **Easy installation & use** - compact dimensions, ergonomic design, tool-free assembly, dedicated utilities (Advanced configurator, Installation Assistant), and wireless capabilities characterize this product.
● **Full solution from one supplier** - GPS/GNSS tracking device combined with suitable accessories.
● **Outstanding housing resistance** - GPS tracker offers increased resistance to external environmental conditions, with a target IP rating of IP68.

Applications:

● Motorcycle tracking
● Electric vehicles tracking
● Real-time monitoring of fleets and cargo
● Fleet efficiency optimization
● Driver behavior monitoring and education
● Ensures driver, vehicle, and cargo safety and security
● Cargo conditions monitoring
● Accident detection
● Stolen vehicle recovery
● Driver identification

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

3-axis accelerometer

Waterproof IP68 housing

Quick and easy installation

Internal 180 mAh backup battery

1x configurable (invertible) digital input

U-blox GNSS module

Power supply 9-97 V DC

1xDIN, 1xDIN/AIN, 1xDOUT

Internal memory 8 MB

Jamming detection

Internal GNSS and cellular antennas

Operating temperature -20 °C to +40°C

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

BLE 5.0

Small size 98 x 56 x 21.5mm

Eco5

Eco5-12W-LTE-EMEA-IP54
Eco5-12W-LTE-LA-IP54
Eco5-12W-LTM-IP54
Eco5-12W-LTE-EMEA-IP68
Eco5-12W-LTE-LA-IP68
Eco5-12W-LTM-IP68

The **Eco5** is a versatile GNSS-based vehicle tracker designed for comprehensive fleet management.

Available in IP54 and waterproof IP68 housing versions, it provides robust protection across various environments.

With its extended accessory connectivity options, the Eco5 supports BLE 5.0, multiple digital inputs and outputs, and combo analog/digital inputs, making it ideal for real-time monitoring of fleet, driver behavior monitoring, and cargo safety. Its adaptability and reliable connectivity ensure seamless operation for both light-duty and heavy-duty vehicles.

Key values:

● **Low power consumption** - in deep sleep mode, this product achieves an unprecedented level of power efficiency, with exceptionally low power usage of just 0.5 milliamperes.
● **Excellent performance** - premium GNSS by u-blox, high-quality components.
● **Easy installation & use** - compact dimensions, ergonomic design, tool-free assembly, dedicated utilities (Advanced configurator, Installation Assistant), and wireless capabilities characterize this product.
● **Full solution from one supplier** - GPS/GNSS tracking device combined with suitable accessories.
● **Outstanding housing resistance** - GPS tracker offers increased resistance to external environmental conditions, with a target IP ratings of IP54 and IP68.

Applications:

● Real-time monitoring of fleets and cargo
● Fleet efficiency optimization
● Driver behavior monitoring and education
● Ensures driver, vehicle, and cargo safety and security
● Cargo conditions monitoring
● Accident detection
● Stolen vehicle recovery
● Driver identification

Datasheet IP54 →

Datasheet IP68 →

LTE Cat 1 & LTE Cat M1/ NB-IoT connectivity with 2G fallback	3-axis accelerometer	IP54 and waterproof IP68 housing options	Quick and easy installation	Internal 180 mAh backup battery	
2x configurable (invertible) digital input	U-blox GNSS module	Power supply 9-32 V DC	4xDIN, 2xDIN/AIN, 2xDOUT, 1-wire	Internal memory 8 MB	
Jamming detection	Internal GNSS and cellular antennas	Operating temperature -20 °C to +40°C	FW & configuration updates SMS/ GPRS(FOTA)/USB	BLE 5.0	
Small size 95x 51 x 14 mm					

GPS trackers matrix

Product Family	Commercial name	Order Code	LTE CAT1	LTE CAT1 bis	LTE CAT M1	LTE CAT 4	NBIoT	3G	2G	BLE	Battery	Internal GNSS antenna	External GNSS antenna	Housing IP rate	CAN	K-Line	RS232	RS485	1-wire	DIN	DOUT	AIN	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		
	LCV5	LCV5-LTM-GL-BT			+		+		+	+	1050mAh	+	Optional		x2	x1	x2	x1	+	x4	x4	x4		+
	Pro5 4G Global BLE	Pro5-LTM-GL-BT			+		+		+	+	1050mAh	+	Optional		x2	x1	x2	x1	+	x4	x4	x4		+
	Pro5S	Pro5S-LTE-LA-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	+	
Smart segment GPS trackers	Plug5	Plug5-LTM-NA-BT			+				+	+	180mAh	+			x6	x1								
		Plug5-LTM-EMEA-BT			+				+	+	180mAh	+			x6	x1								
	Smart5	Smart5-CAN-LTE-EMEA-IP54	+						+	+	180mAh	+		IP54	x1				+	x3*	x2	x1*		
		Smart5-CAN-LTE-LA-IP54	+						+	+	180mAh	+		IP54	x1				+	x3*	x2	x1*		
		Smart5-CAN-LTE-EMEA-IP68	+						+	+	180mAh	+		IP68	x1				+	x3*	x2	x1*		
Basic segment GPS trackers	Asset5	Asset5-LTM-GL			+		+		+	+	4400mAh	+		IP68										
		Asset5-LTE-EMEA		+					+	+	4400mAh	+		IP68										
		Asset5-LTE-EMEA		+					+	+	4400mAh	+		IP68										
	Eco5 Lite	Eco5-5W-LTM-IP54			+		+		+	+	180mAh	+		IP54						x2*	x1	x1*		
		Eco5-5W-LTE-EMEA-IP54	+						+	+	180mAh	+		IP54						x2*	x1	x1*		
		Eco5-5W-LTE-LA-IP54	+						+	+	180mAh	+		IP54						x2*	x1	x1*		
	Eco5 Lite+	Eco5-5W-LTM-V-IP68			+		+		+	+	180mAh	+		IP68						x2*	x1	x1*		
		Eco5-5W-LTE-EMEA-V-IP68	+						+	+	180mAh	+		IP68						x2*	x1	x1*		
		Eco5-5W-LTE-LA-V-IP68	+						+	+	180mAh	+		IP68						x2*	x1	x1*		
	Eco5	Eco5-12W-LTM-IP54/IP68			+		+		+	+	180mAh	+		IP54/68					+	x6*	x2	x2*		
		Eco5-12W-LTE-EMEA-IP54/IP68	+						+	+	180mAh	+		IP54/68					+	x6*	x2	x2*		
		Eco5-12W-LTE-LA-IP54/IP68	+						+	+	180mAh	+		IP54/68					+	x6*	x2	x2*		
	Eco5 BM	Eco5-2W-LTE-EMEA-IP68	+						+	+	180mAh	+		IP68										

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*Switchable
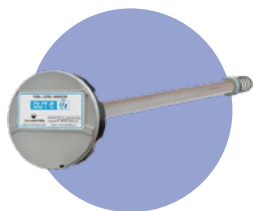
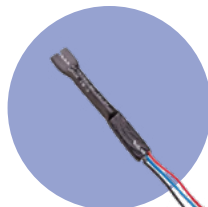**Wireless Fuel Level Sensor**

Fuel Filler Security

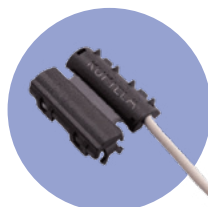**1-Wire RFID Reader**

iButton

Ignition Block Relay

Temperature Sensor

Wireless Temperature & Humidity Sensor

Wireless Trailer ID

EasyCAN

Accessories Compatibility Matrix

Category	Accessories	Order code	HCV5	HCV5 Lite	LCV5	Pro5	Pro5S	Pro5 Lite	Smart5	Plug5	Eco5 Family
Fuel level monitoring	WIRELESS FUEL LEVEL SENSOR	DUT-E_S7_700	+	+	+	+	+	+	+	+	+
	FUEL FILLER SECURITY	BAK-Q80	+	+	+	+	+	+	+		+
Safety and security	1-WIRE RFID READER	1W-H3-05	+	+	+	+	+	+	+		+*
	iBUTTON READER	DS9092	+	+	+	+	+	+	+		+*
	WIRELESS DRIVER IDENTIFICATION	D15N UFO	+	+	+	+	+	+	+	+	
	IGNITION BLOCKING RELAY	Relay12V	+	+	+	+	+	+	+		+
	1-WIRE TEMPERATURE SENSOR	Temp_01	+	+	+	+	+	+	+		+*
	WIRELESS DOOR SENSORS	BLUE_PUCK_MAG | X01068 (magnet)	+	+	+	+	+	+	+	+	+
	BLE TEMPERATURE AND HUMIDITY MONITORING SENSOR	X00975	+	+	+	+	+	+	+	+	+
	TRAILER ID	PUCK_ID	+	+	+	+	+	+	+	+	+
Others	EASY CAN	easycan01v	+	+	+	+	+	+	+		

only Eco5 12w

Harnesses Compatibility Matrix

Category	Harness	ERP code	HCV5	HCV5 Lite	LCV5	Pro5	Pro5S	Pro5 Lite	Smart5	Plug5	Eco5
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:

Login →

Visit documentation platform:

Visit →

Visit LCV wizard platform:

Visit →

Visit How-To videos:

Visit →

Supported vehicle list:

Visit →

Public Sector

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

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

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.

Utility Services

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

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

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.

Logistics

Industry challenges:	Benefits provided:

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

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

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 perishable 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.

Electric vehicles

Industry challenges:	Benefits provided:
● Real-time tracking ● Driver identification ● Fleet safety and security ● Vehicle crash detection	● Monitor the live location of your fleet, plan your vehicle charging, and ensure your fleet is safe and secure. ● Identify the driver of the vehicle and its behavior. ● React fast to any accident that might occur to the vehicle and analyze the data gathered.

Motorcycles tracking

Industry challenges:	Benefits provided:
● Vehicle theft prevention ● Real-time tracking ● Vehicle crash detection	● Prevent vehicles (motorcycles) from being stolen by tracking live location and using geozones or alerts for suspicious vehicle use. ● Monitor the live location of your fleet and ensure your vehicles and drivers are safe and secure. ● React fast to any accident that might occur to the vehicle and analyze the gathered data.

Construction

Industry challenges:	Benefits provided:
● Real-time tracking ● Reduced fuel consumption ● Worker identification ● Asset monitoring	● 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.

Car-sharing

Industry challenges:	Benefits provided:
● Fleet safety and security ● Vehicle crash detection ● Vehicle theft prevention	● 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.

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.

Contact us →

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