

# Ruptela

Where efficiency  
meets vehicle data excellence  
at the best price!



# Table of Content

03 About Us

## GPS tracking devices

### Advanced segment

04 HCV5  
06 HCV5 Lite  
08 Pro5S  
10 Pro5 Lite  
12 Pro5  
14 LCV5

### Smart Segment

16 Plug5  
18 Smart5

### Basic Segment

20 Asset5  
22 Eco5  
24 Eco Lite  
26 Eco Lite+  
28 Eco5 BM

30 GPS Tracker Matrix

32 Accessories & Harnesses Compatibility Matrixes

34 Custom Projects & Advanced Configurator

## Easy to use and get 24/5 support

35 Physical installation  
35 Device configuration  
35 Device Management Platform  
35 Documentation platform  
35 Support

36 Industries

37 Become our Partner

# 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:



[www.ruptela.com](http://www.ruptela.com)

# HCV5

HCV5-LTM-GL-BT

Advanced all-in-one GPS tracker for complex fleet, trailer, and refrigerated transport solutions



PRODUCT PAGE



Dual CANbus & CustomCAN for any type of vehicle



Remote tachograph file download



Trailer and Thermo King data reading

Used in complex logistics fleets handling long-haul, refrigerated cargo, and trailers. HCV5 supports compliance-driven operations with remote tachograph access, driver behavior monitoring, and full visibility across vehicles, trailers, and cargo in demanding transport environments.

## TECHNICAL INFORMATION:



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



2x CAN and 1x K-line interfaces for vehicle data reading



1,600+ vehicle library, expandable with CustomCAN



Remote tachograph file download



Eco-Drive and driver behavior monitoring



Trailer and Thermo King data reading



Internal U-blox GNSS (external antenna supported)



Tampering and jamming detection



Bluetooth LE 5.1 for wireless accessories



2x RS232, 1x RS485 simultaneously



4x DIN, 4x AIN, 4x DOUT, 1-Wire interface



Internal memory with MicroSD card slot

**SIM card:**  
Micro SIM

**Power supply:**  
9-32 V DC

**Internal back-up battery:**  
LiPo 3.7 V 1050 mAh

**Operating temperature:**  
-20 °C to +60 °C

**Positioning systems:**  
GPS, GLONASS, Galileo

**3-axis accelerometer:**  
Impact, motion, tilt detection

**Internal storage:**  
8 MB  
(up to 39,000 records)

**External storage:**  
up to 32 GB  
(up to 250M records)

**RS232 / RS485:**  
Transparent channel

**Configuration & updates:**  
SMS, GPRS (FOTA), USB

**Dimensions:**  
101 x 74 x 23 mm

**Weight:**  
128 g +/- 1 g

## COMPATIBLE ACCESSORIES:

- Special harnesses (FMS, tacho, reefer, etc.)
- External GNSS antenna
- TPMS, angle tilt, axle load, weight sensors
- Fuel level sensors and fuel caps
- Ignition block relay and panic button
- Temperature sensors
- RFID / iButton / BLE driver ID
- And other accessories, incl. CustomBLE

# HCV5 Lite

HCV5-Lite-LTE-EMEA

Advanced tracker  
balancing functionality  
and efficiency for mixed  
fleets



PRODUCT PAGE



Dual CANbus &  
CustomCAN for any  
type of vehicle



Remote  
tachograph file  
download



Trailer  
data  
reading

Designed for logistics fleets that require advanced tracking and compliance without excess complexity. HCV5 Lite supports remote tachograph download, driver behavior monitoring, and trailer visibility, making it a reliable choice for scalable and cost-efficient transport operations.

## TECHNICAL INFORMATION:



LTE CAT1 bis connectivity with 2G fallback



2x CAN and 1x K-line interfaces for vehicle data reading



~1,600 vehicle library, expandable with CustomCAN



Remote tachograph file download



Eco-Drive and driver behavior monitoring



Trailer data reading



Internal U-blox GNSS module



Jamming detection



Bluetooth LE 5.0 for wireless accessories



1x RS232, RS485, K-line switchable



3x DIN, 2x AIN, 4x DOUT, 1-Wire interface

**SIM card:**  
Micro SIM

**Power supply:**  
9-32 V DC

**Internal back-up battery:**  
LiPo 3.7 V 1050 mAh

**Operating temperature:**  
-20 °C to +60 °C

**Positioning systems:**  
GPS, GLONASS, Galileo

**3-axis accelerometer:**  
Impact, motion, tilt detection

**Internal storage:**  
16 MB

**RS232 / RS485:**  
Transparent channel

**Configuration & updates:**  
SMS, GPRS (FOTA), USB

**Dimensions:**  
101 x 74 x 23 mm

**Weight:**  
120 g +/- 1 g

## COMPATIBLE ACCESSORIES:

- Special harnesses (FMS, tacho, OBD, etc.)
- TPMS, angle tilt, and axle load sensors
- Fuel level sensors and fuel caps
- Doors, motion sensors and trailer ID
- Ignition block relay and panic button
- Temperature sensors
- RFID / iButton / BLE driver ID
- And other accessories, incl. CustomBLE

# Pro5S

Advanced tracker  
designed for LATAM  
security needs

Pro5S-LTE-LA-BT



PRODUCT PAGE



3G+4G connectivity  
with driver  
communication support



Dual CANbus &  
CustomCAN for  
any type of vehicle



Thermo King and  
Trailer data  
reading

Used in LATAM operations where security, connectivity stability, and driver interaction are critical. Pro5S supports heavy machinery and high-risk deployments, enabling operational control, driver communication, and incident response across remote and industrial sites.

## TECHNICAL INFORMATION:



LTE Cat4 connectivity with 3G fallback



2x CAN and 1x K-line interfaces for vehicle data reading



1,600+ vehicle library, expandable with CustomCAN



3.5 mm jack for 2-way audio accessory



Eco-Drive and driver behavior monitoring



Trailer and Thermo King data reading



Internal U-blox GNSS (external antenna supported)



Tampering and jamming detection



Bluetooth LE 5.1 for wireless accessories



2x RS232, 1x RS485 simultaneously



4x DIN, 4x AIN, 4x DOUT, 1-Wire interface



Internal memory with MicroSD card slot

**SIM card:**  
Micro SIM

**Power supply:**  
9-32 V DC

**Internal back-up battery:**  
LiPo 3.7 V 1050 mAh

**Operating temperature:**  
-20 °C to +60 °C

**Positioning systems:**  
GPS, GLONASS, Galileo

**3-axis accelerometer:**  
Impact, motion, tilt detection

**Internal storage:**  
8 MB  
(up to 39,000 records)

**External storage:**  
up to 32 GB  
(up to 250M records)

**RS232 / RS485:**  
Transparent channel

**Configuration & updates:**  
SMS, GPRS (FOTA), USB

**Dimensions:**  
101 x 74 x 23 mm

**Weight:**  
128 g +/- 1 g

## COMPATIBLE ACCESSORIES:

- Special harnesses (FMS, 9-Pin, reefer, etc.)
- Fuel level sensors and fuel caps
- Microphone and speaker
- Ignition block relay and panic button
- External GNSS antenna
- RFID / iButton / BLE driver ID
- TPMS, angle tilt, axle load, weight sensors
- And other accessories, incl. CustomBLE

# Pro5 Lite

Advanced tracker for  
cost-efficient LATAM  
mixed fleet deployments

Pro5-Lite-LTE-LA



PRODUCT PAGE



Driver  
communication  
support



Dual CANbus &  
CustomCAN for  
any type of vehicle



Trailer  
data  
reading

A great choice for LATAM logistics fleets balancing security needs and cost efficiency. Pro5 Lite supports daily transport monitoring, voice communication with drivers, and asset protection, making it suitable for regional distribution and security-sensitive deployments.

## TECHNICAL INFORMATION:



LTE CAT1 bis connectivity with 2G fallback



2x CAN and 1x K-line interfaces for vehicle data reading



~1,600 vehicle library, expandable with CustomCAN



3.5 mm jack for 2-way audio accessory



Eco-Drive and driver behavior monitoring



Trailer data reading



Internal U-blox GNSS module



Jamming detection



Bluetooth LE 5.0 for wireless accessories



1x RS232, RS485, K-line switchable



3x DIN, 2x AIN, 4x DOUT, 1-Wire interface

**SIM card:**  
Micro SIM

**Power supply:**  
9-32 V DC

**Internal back-up battery:**  
LiPo 3.7 V 1050 mAh

**Operating temperature:**  
-20 °C to +60 °C

**Positioning systems:**  
GPS, GLONASS, Galileo

**3-axis accelerometer:**  
Impact, motion, tilt detection

**Internal storage:**  
16 MB

**RS232 / RS485:**  
Transparent channel

**Configuration & updates:**  
SMS, GPRS (FOTA), USB

**Dimensions:**  
101 x 74 x 23 mm

**Weight:**  
120 g +/- 1 g

## COMPATIBLE ACCESSORIES:

- Special harnesses (FMS, 9-Pin, OBD, etc.)
- Microphone and speaker
- TPMS, angle tilt, and axle load sensors
- Doors, motion sensors and trailer ID
- Fuel level sensors and fuel caps
- Ignition block relay and panic button
- RFID / iButton / BLE driver ID
- And other accessories, incl. CustomBLE

# Pro5

Pro5-LTM-GL-BT

Advanced tracker  
designed for heavy fleets  
and specialized  
machinery



PRODUCT PAGE



Dual CANbus for  
heavy vehicles and  
machinery



Thermo King  
and Trailer data  
reading



Serial ports and I/Os  
(RS232/RS485,  
DIN/AIN/DOU, 1-Wire)

Used in agriculture and specialized machinery fleets operating off-road and over large areas. Pro5 supports monitoring of machinery usage, driver behavior, and attached equipment, helping operators maintain productivity and operational control in field conditions.

## TECHNICAL INFORMATION:



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



2x CAN interfaces for vehicle data reading



Wide vehicle model coverage



Eco-Drive and driver behavior monitoring



Trailer and Thermo King data reading



Internal U-blox GNSS (external antenna supported)



Tampering and jamming detection



Bluetooth LE 5.1 for wireless accessories



2x RS232, 1x RS485 simultaneously



4x DIN, 4x AIN, 4x DOUT, 1-Wire interface



Internal memory with MicroSD card slot

**SIM card:**  
Micro SIM

**Power supply:**  
9-32 V DC

**Internal back-up battery:**  
LiPo 3.7 V 1050 mAh

**Operating temperature:**  
-20 °C to +60 °C

**Positioning systems:**  
GPS, GLONASS, Galileo

**3-axis accelerometer:**  
Impact, motion, tilt detection

**Internal storage:**  
8 MB  
(up to 39,000 records)

**External storage:**  
up to 32 GB  
(up to 250M records)

**RS232 / RS485:**  
Transparent channel

**Configuration & updates:**  
SMS, GPRS (FOTA), USB

**Dimensions:**  
101 x 74 x 23 mm

**Weight:**  
128 g +/- 1 g

## COMPATIBLE ACCESSORIES:

- Special harnesses (FMS, 9-Pin, reefer, etc.)
- External GNSS antenna
- TPMS, angle tilt, axle load, weight sensors
- Fuel level sensors and fuel caps
- Ignition block relay and panic button
- Temperature sensors
- RFID / iButton / BLE driver ID
- And other accessories, incl. CustomBLE

# LCV5

LCV5-LTM-GL-BT

Advanced tracker  
optimized for light  
vehicles and passenger  
fleets



PRODUCT PAGE



Dual CANbus for  
LCV CAN and OBD  
data reading



Serial ports and I/Os  
(RS232/RS485,  
DIN/AIN/DOU, I-Wire)



Security and control  
features for rental  
and corporate fleets

Designed for light vehicle fleets operating in last-mile and urban delivery. LCV5 helps improve route efficiency, driving behavior, and fuel usage, supporting predictable daily operations and cost control in high-frequency delivery environments.

## TECHNICAL INFORMATION:



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



2x CAN for LCV CAN and OBD data reading



Vehicle library covering ~1,400 light vehicle models



Eco-Drive and driver behavior monitoring



Fuel level and consumption monitoring



Automatic accident detection



Internal U-blox GNSS (external antenna supported)



Tampering and jamming detection



Bluetooth LE 5.1 for wireless accessories



2x RS232, 1x RS485 simultaneously



4x DIN, 4x AIN, 4x DOUT, 1-Wire interface



Internal memory with MicroSD card slot

**SIM card:**  
Micro SIM

**Power supply:**  
9-32 V DC

**Internal back-up battery:**  
LiPo 3.7 V 1050 mAh

**Operating temperature:**  
-20 °C to +60 °C

**Positioning systems:**  
GPS, GLONASS, Galileo

**3-axis accelerometer:**  
Impact, motion, tilt detection

**Internal storage:**  
8 MB  
(up to 39,000 records)

**External storage:**  
up to 32 GB  
(up to 250M records)

**RS232 / RS485:**  
Transparent channel

**Configuration & updates:**  
SMS, GPRS (FOTA), USB

**Dimensions:**  
101 x 74 x 23 mm

**Weight:**  
128 g +/- 1 g

## COMPATIBLE ACCESSORIES:

- Special harnesses (OBD, EasyCAN)
- External GNSS antenna
- Fuel level sensors and fuel caps
- Ignition block relay and panic button
- Temperature sensors
- RFID / iButton / BLE driver ID
- Buzzer
- And other accessories, incl. CustomBLE

# Plug5

Plug5-LTE-EMEA-BT  
Plug5-LTE-NA-BT

True plug-and-play  
GPS tracker for fast  
and large-scale fleet  
deployments



PRODUCT PAGE



CANbus and OBD  
data reading for light  
vehicles



Fast and easy  
installation



Automatic vehicle  
manufacturer and  
model detection

Designed for corporate fleets that need immediate deployment with minimal installation effort. Plug5 is installed directly via the OBD port and starts working instantly, delivering more vehicle data than basic OBD tracking and supporting broad vehicle coverage for fast, large-scale rollouts.

## TECHNICAL INFORMATION:



LTE Cat M1 connectivity with 2G fallback



OBD, LCV CAN and DTC data reading



Vehicle library covering ~1,200 light vehicle models



Automatic vehicle detection and configuration



Eco-Drive and driver behavior monitoring



Advanced ignition detection algorithms



Internal U-blox GNSS module



Jamming detection



Bluetooth LE 5.1 for wireless accessories



OBD socket installation for fast deployment



Heavy vehicles support using dedicated harnesses

**SIM card:**  
Nano SIM

**Power supply:**  
9-30 V DC

**Internal back-up battery:**  
LiPo 3.7 V 140 mAh

**Operating temperature:**  
-20 °C to +60 °C

**Positioning systems:**  
GPS, GLONASS, Galileo, BeiDou

**3-axis accelerometer:**  
Impact, motion, tilt detection

**Internal storage:**  
16 MB

**Configuration & updates:**  
SMS, GPRS (FOTA), USB

**Dimensions:**  
75 x 51 x 27 mm

**Weight:**  
65 g +/- 2 g

## COMPATIBLE ACCESSORIES:

- Special harnesses (extension, splitter, FMS, etc.)
- BLE fuel level sensors and fuel caps
- BLE beacons
- Wireless temperature sensors
- Wireless driver ID
- Wireless door and motion sensors
- Wireless DIN
- And other accessories, incl. CustomBLE

# Smart5

Compact GPS tracker  
with CANbus reading for  
cost-efficient fleet  
control

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



PRODUCT PAGE



CANbus reading &  
CustomCAN for any  
type of vehicle



Ultra-slim design  
for discreet  
installations



IP54 and IP68  
housing  
options

Used across logistics, construction, and specialized fleets where compact design and extended vehicle data matter. Smart5 supports a wide range of vehicles and use cases, enabling cost-efficient fleet control in standard telematics applications as well as in demanding and non-standard vehicle environments.

## TECHNICAL INFORMATION:



LTE CAT1 connectivity with 2G fallback



1x CAN interface for vehicle data reading



~1,600 vehicle library, expandable with CustomCAN



Eco-Drive and driver behavior monitoring



Trailer data reading



Lowest power consumption <0.5 mA @ 12 V DC



Slim housing (14 mm and 21 mm) for discreet installation



IP54 and waterproof IP68 housing options



Internal U-blox GNSS module



Jamming detection



Bluetooth LE 5.0 for wireless accessories



3x DIN, 1x AIN/DIN, 2x DOUT, 1-Wire interface

**SIM card:**  
Nano SIM

**Power supply:**  
9-32 V DC

**Internal back-up battery:**  
LiPo 3.7 V 180 mAh

**Operating temperature:**  
-20 °C to +40 °C

**Positioning systems:**  
GPS, GLONASS, Galileo

**3-axis accelerometer:**  
Impact, motion, tilt detection

**Internal storage:**  
8MB  
(max. 36000 records)

**Configuration & updates:**  
SMS, GPRS (FOTA), USB

**Dimensions:**  
IP54: 95 x 51 x 14 mm,  
IP68: 98 x 56 x 21 mm

**Weight:**  
IP54: 90g +/- 2g with harness,  
IP68: 103g +/- 2g with harness

## COMPATIBLE ACCESSORIES:

- EasyCAN
- Fuel level sensors and fuel caps
- Ignition block relay and panic button
- Doors, motion sensors and trailer ID
- TPMS, angle tilt, and axle load sensors
- Temperature sensors
- RFID / iButton / BLE driver ID
- And other accessories, incl. CustomBLE

# Asset5

Asset5-LTE-EMEA  
Asset5-LTE-LA  
Asset5-LTM-GL

Autonomous asset  
tracker for long-term  
and backup tracking  
use-cases



PRODUCT PAGE



Up to 3 years  
battery life with 2  
messages per day



Compact IP68  
housing for  
discreet installation



Stolen vehicle  
recovery (Back-up  
tracking solution)

Used across multiple industries for asset and vehicle tracking. Asset5 is especially valuable in stolen vehicle recovery, continuing to report location when the primary tracker is disabled. Its compact size allows discreet installation, making it difficult to detect or remove.

## TECHNICAL INFORMATION:



LTE Cat1 bis or LTE Cat M1 / NB-IoT connectivity with 2G fallback



Up to 3 years battery life (2 messages/day)



Ultra-low power consumption: 22  $\mu$ A (hibernation)



Motion-based tracking and wake-up logic



New generation GNSS module with Cell ID fallback



Waterproof IP68 housing



Backup tracking for stolen vehicle recovery



Tampering detection



Bluetooth LE 6.0



Configurable panic / activation button



Mobile app for device configuration



Optional magnetic holder for flexible mounting

**SIM card:**  
Nano SIM

**Internal battery (replaceable):**  
2xLiSOCl<sub>2</sub>, 3.6 V 2200 mAh

**Operating temperature:**  
-30 to +70 °C

**Positioning systems:**  
GPS, GLONASS, Galileo, BeiDou

**3-axis accelerometer:**  
Motion detection

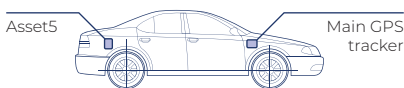
**Internal storage:**  
1920 records, 560 beacon records

**Configuration & updates:**  
mDMP, GPRS (FOTA)

**Dimensions:**  
70 x 56 x 28 mm

**Weight:**  
100g +/- 1g

## BACK-UP TRACKING SOLUTION:



- Activates recovery mode if the main tracker is disabled
- Works with all Ruptela GPS trackers and BLE devices
- Ensures fast vehicle recovery with continued tracking

# Eco5

Slim tracker for fleet management and driver behavior use cases

- 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



PRODUCT PAGE



Eco-Drive support for driving behavior analysis



Ultra-slim design with IP54 and IP68 housing options



4x DIN, 2x AIN/DIN, 2x DOUT, 1-Wire interface

Eco5 is a versatile GPS tracker designed as a reliable foundation for fleet management solutions. With multiple I/Os, Eco-Drive support, and housing options, it can be implemented across different industries and application scenarios, allowing to build tailored, cost-efficient solutions for a wide range of end-user needs.

## TECHNICAL INFORMATION:



LTE CAT1 or LTE CAT M1/NB2 connectivity with 2G fallback



Eco-Drive and driver behavior monitoring



Lowest power consumption  
<0.5 mA @ 12 V DC



Slim housing (14 mm and 21 mm) for discreet installation



IP54 and waterproof IP68 housing options



Internal U-blox GNSS module



Jamming detection



Bluetooth LE 5.0 for wireless accessories



4x DIN, 2x AIN/DIN, 2x DOUT



1-Wire interface

**SIM card:**  
Nano SIM

**Power supply:**  
9-32 V DC

**Internal back-up battery:**  
LiPo 3.7 V 180 mAh

**Operating temperature:**  
-20 °C to +40 °C

**Positioning systems:**  
GPS, GLONASS, Galileo

**3-axis accelerometer:**  
Impact, motion, tilt detection

**Internal storage:**  
8MB  
(max. 36000 records)

**Configuration & updates:**  
SMS, GPRS (FOTA), USB

**Dimensions:**  
IP54: 95 x 51 x 14 mm,  
IP68: 98 x 56 x 21 mm

**Weight:**  
IP54: 90g +/- 2g with harness,  
IP68: 103g +/- 2g with harness

## COMPATIBLE ACCESSORIES:

- RFID / iButton / BLE driver ID
- 1-Wire and BLE temperature sensors
- Fuel level sensors and fuel caps
- Ignition block relay and panic button
- Doors, motion sensors and trailer ID
- Angle tilt and axle load sensors
- Buzzer
- And other accessories, incl. CustomBLE

# Eco5 Lite

Entry-level slim  
tracker for cost-efficient  
fleet visibility

Eco5-5W-LTE-EMEA-IP54

Eco5-5W-LTE-LA-IP54

Eco5-5W-LTM-IP54



PRODUCT PAGE



Eco-Drive support  
for driving behavior  
analysis



Ultra-slim IP54  
housing for  
discreet installation



1x DIN,  
1x AIN/DIN,  
1x DOUT

Eco5 Lite is a slim GPS tracker designed for vehicle tracking. While covering essential location and trip monitoring needs, its available I/O interfaces allow adding extra control and security functions, making it a flexible choice for simple yet extendable telematics deployments.

## TECHNICAL INFORMATION:



LTE CAT1 or LTE CAT M1/NB2 connectivity with 2G fallback



Eco-Drive and driver behavior monitoring



Lowest power consumption  
<0.5 mA @ 12 V DC



Slim housing (14 mm) for discreet installation



IP54 housing



Internal U-blox GNSS module



Jamming detection



Bluetooth LE 5.0 for wireless accessories



1x DIN, 1x AIN/DIN, 1x DOUT

**SIM card:**  
Nano SIM

**Power supply:**  
9-32 V DC

**Internal back-up battery:**  
LiPo 3.7 V 180 mAh

**Operating temperature:**  
-20 °C to +40 °C

**Positioning systems:**  
GPS, GLONASS, Galileo

**3-axis accelerometer:**  
Impact, motion, tilt detection

**Internal storage:**  
8MB  
(max. 36000 records)

**Configuration & updates:**  
SMS, GPRS (FOTA), USB

**Dimensions:**  
95 x 51 x 14 mm

**Weight:**  
90g +/- 2g with harness

## COMPATIBLE ACCESSORIES:

- Wireless driver identification
- Wireless temperature sensors
- Fuel level sensors and fuel caps
- Ignition block relay and panic button
- Doors, motion sensors and trailer ID
- Buzzer
- And other accessories, incl. CustomBLE

# Eco5 Lite+

High-voltage  
tracker for  
e-mobility

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

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

Eco5-5W-LTM-V+-IP68



PRODUCT PAGE



High-voltage  
power support  
(9-97 V DC)



E-mobility  
battery  
monitoring



Waterproof  
IP68  
housing

Used in e-mobility fleets such as e-bikes, e-scooters, electric mopeds, and light electric vehicles. Eco5 Lite+ supports high-voltage platforms, enabling reliable monitoring and fleet control in urban, shared, and last-mile e-mobility operations.

## TECHNICAL INFORMATION:



LTE CAT1 or LTE CAT M1/NB2 connectivity with 2G fallback



High-voltage power support  
9-97 V DC



Lowest power consumption  
<0.5 mA @ 12 V DC



Eco-Drive and driver behavior monitoring



Slim housing (21 mm) for discreet installation



Waterproof IP68 housing



Internal U-blox GNSS module



Jamming detection



Bluetooth LE 5.0 for wireless accessories



1x DIN, 1x AIN/DIN, 1x DOUT

**SIM card:**  
Nano SIM

**Internal back-up battery:**  
LiPo 3.7 V 180 mAh

**Operating temperature:**  
-20 °C to +40 °C

**Positioning systems:**  
GPS, GLONASS, Galileo

**3-axis accelerometer:**  
Impact, motion, tilt detection

**Internal storage:**  
8MB (max. 36000 records)

**Configuration & updates:**  
SMS, GPRS (FOTA), USB

**Dimensions:**  
98 x 56 x 21 mm

**Weight:**  
103g +/- 2g with harness

## COMPATIBLE ACCESSORIES:

- Wireless driver identification
- Wireless temperature sensors
- Fuel level sensors and fuel caps
- Ignition block relay and panic button
- Doors, motion sensors and trailer ID
- Buzzer
- And other accessories, incl. CustomBLE

# Eco5 BM

Battery-mounted  
tracker for fast and  
simple deployment

Eco5-2W-LTE-EMEA-IP68



PRODUCT PAGE



Fast battery-mounted  
installation without  
complicated wiring



BLE support  
for wireless  
accessories



Waterproof  
IP68  
housing

Designed for use cases requiring fast deployment and minimal installation effort. Eco5 BM enables quick, battery-mounted installation, making it suitable for insurance programs, temporary tracking, and rapid vehicle onboarding.

## TECHNICAL INFORMATION:



LTE CAT1  
connectivity with  
2G fallback



Vehicle battery  
mounted  
installation



Lowest power  
consumption  
<0.5 mA @ 12 V DC



Eco-Drive and  
driver behavior  
monitoring



Slim housing  
(21 mm) for discreet  
installation



Waterproof  
IP68 housing



Internal U-blox  
GNSS module



Jamming  
detection



Bluetooth LE 5.0 for  
wireless accessories

**SIM card:**  
Nano SIM

**Power supply:**  
9-32 V DC

**Operating temperature:**  
-20 °C to +40 °C

**Positioning systems:**  
GPS, GLONASS, Galileo

**3-axis accelerometer:**  
Impact, motion, tilt detection

**Internal storage:**  
8MB (max. 36000 records)

**Configuration & updates:**  
SMS, GPRS (FOTA), USB

**Dimensions:**  
98 x 56 x 21 mm

**Weight:**  
103g +/- 2g with harness

## COMPATIBLE ACCESSORIES:

- Wireless driver identification
- Wireless temperature sensors
- Fuel level sensors and fuel caps
- Doors, motion sensors and trailer ID
- And other accessories, incl. CustomBLE

# GPS Trackers Matrix

Product Family	Commercial name	Order Code	LTE CAT1	LTE CAT1 bis	LTE CAT1	NB IoT	3G	2G	BLE	Battery	Internal GPS antenna	External GPS antenna	Housing IP rate	CAN	Y-Line	R232	RS485	1-wire	DM	DOIT	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-LA			+				+	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					+	x5*	x2	x2*				
		Eco5-12W-LTE-EMEA-IP54/IP68		+						+	180mAh	+		IP54/68					+	x5*	x2	x2*				
		Eco5-12W-LTE-LA-IP54/IP68		+						+	180mAh	+		IP54/68					+	x5*	x2	x2*				
	Eco5 BM	Eco5-2W-LTE-EMEA-IP68	+						+	180mAh	+		IP68													

\*Switchable



MORE INFORMATION  
ABOUT RUPTELA DEVICES



# Accessories Compatibility Matrix

Category	Accessories	Order code	HCY5	HCY5 Lite	LCY5	Pro5	Pro5S	Pro5 Lite	Smart5	Plugs	Eco5 Family
Fuel level monitoring	WIRELESS FUEL LEVEL SENSOR	Contact Sales Manager	+	+	+	+	+	+	+	+	+
	FUEL FILLER SECURITY	Contact Sales Manager	+	+	+	+	+	+	+		**
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  
\*\*except Eco5 BM

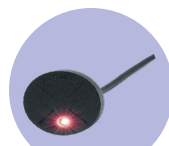
## Accessories



WIRELESS FUEL  
LEVEL SENSOR



FUEL FILLER  
SECURITY



1-WIRE RFID  
READER

# Harnesses Compatibility Matrix

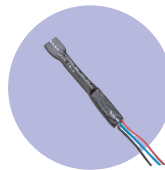
Category	Harness	EGR code	HCV5	HCV5 Lite	LCV5	ProS	ProSs	ProS Lite	SmartFS	Plugs	EcoS
FMS harnesses	FMS harness with accessory wires 0.5 m (CS116-33-01) (5th gen)	K00090	+	+			+	+	+		
OBD harnesses	Unified OBDII splitter harness	K00133	+	+	+			+	+		
	OBDII standard harness (CS116-35)	K00093	+	+	+			+	+		
	OBD II 90-degree angle extender with cable length 30cm	K00033									+
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	+	+			+	+	+		



IBUTTON



IGNITION  
BLOCK RELAY



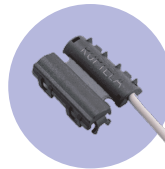
TEMPERATURE  
SENSOR



WIRELESS TEMPERATURE &  
HUMIDITY SENSOR



WIRELESS  
TRAILER ID



EASycAN

## Custom Projects

Ruptela designs, develops, and manufactures GPS tracking hardware in-house in Kaunas, Lithuania. With our own production facilities and a dedicated R&D team, we control every stage of hardware development, ensuring reliable, high-quality solutions for fleet management and asset tracking.

If you have a unique use case or a project that goes beyond standard applications, we are ready to support it. From adapting existing devices to developing fully custom hardware, Ruptela works closely with partners to turn complex ideas into practical, scalable solutions.

## Advanced Configurator

Ruptela Advanced Configurator allows telematics service providers to define how devices behave, what data is collected, and how it is processed beyond standard, out-of-the-box configurations.

It enables precise configuration of tracking logic, I/O behavior, CAN data reading, Eco-Drive parameters, and security rules, helping service providers build flexible, differentiated solutions tailored to specific customers and use cases.

**Login  
to  
DMP:**



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documentation  
platform:**



**Visit  
How-To  
videos:**



**Supported  
vehicle  
list:**



# 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 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](https://doc.ruptela.com).

Product datasheets, user manuals, firmware files, quick start guides, and other documents are available on [doc.ruptela.com](https://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](https://my.ruptela.com) or email us at [support@ruptela.com](mailto:support@ruptela.com).

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

# Industries



LOGISTICS &  
TRANSPORTATION



DELIVERY &  
COURIER SERVICES



HEAVY MACHINERY &  
EQUIPMENT FLEETS



TRAILER &  
ASSET TRACKING



CONSTRUCTION



AGRICULTURE



PUBLIC SECTOR  
FLEETS



UTILITY  
SERVICES



WASTE  
MANAGEMENT



PASSENGER  
TRANSPORT



CAR RENTAL &  
LEASING



CAR  
SHARING



INSURANCE & STOLEN  
VEHICLE RECOVERY



SECURITY  
SERVICES



EMERGENCY  
SERVICES



MINING

Ruptela GPS trackers are versatile solutions used across a wide range of applications. They are not limited to predefined industries. Instead, they are designed to adapt and scale across different use cases. With flexible Ruptela hardware functionality and device management tools, the same tracker can power standard fleet management scenarios or be implemented in more specialized, non-traditional applications, depending on your needs, experience, and creativity.



MORE INFORMATION  
ABOUT INDUSTRIES

# 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:



An aerial photograph of a lush green forest covering a hillside. The trees are dense and vibrant green, with some taller, darker evergreens scattered throughout. The terrain appears to be a mix of forest and open grassy areas. The sky is overcast and grey.

**Ruptela**

**GPS tracking  
devices:  
a shortcut  
to your growth**





## Driving innovation in fleet management

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