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:

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

Operating temperature:
–20 °C to +60 °C

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

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

Power supply:
9-32 V DC

Positioning systems:
GPS, GLONASS, Galileo

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

Dimensions:
101 x 74 x 23 mm

Internal back-up battery:
LiPo 3.7 V 1050 mAh

3-axis accelerometer:
Impact, motion, tilt detection

RS232 / RS485:
Transparent channel

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

Operating temperature:
–20 °C to +60 °C

Internal storage:
16 MB

Dimensions:
101 x 74 x 23 mm

Power supply:
9-32 V DC

Positioning systems:
GPS, GLONASS, Galileo

RS232 / RS485:
Transparent channel

Weight:
120 g +/- 1 g

Internal back-up battery:
LiPo 3.7 V 1050 mAh

3-axis accelerometer:
Impact, motion, tilt detection

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

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

Pro5S-LTE-LA-BT

Advanced tracker designed for LATAM security needs



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

Operating temperature:
–20 °C to +60 °C

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

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

Power supply:
9-32 V DC

Positioning systems:
GPS, GLONASS, Galileo

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

Dimensions:
101 x 74 x 23 mm

Internal back-up battery:
LiPo 3.7 V 1050 mAh

3-axis accelerometer:
Impact, motion, tilt detection

RS232 / RS485:
Transparent channel

Weight:
128 g +/- 1 g

COMPATIBLE ACCESSORIES:

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

Operating temperature:
–20 °C to +60 °C

Internal storage:
16 MB

Dimensions:
101 x 74 x 23 mm

Power supply:
9-32 V DC

Positioning systems:
GPS, GLONASS, Galileo

RS232 / RS485:
Transparent channel

Weight:
120 g +/- 1 g

Internal back-up battery:
LiPo 3.7 V 1050 mAh

3-axis accelerometer:
Impact, motion, tilt detection

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

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/DOUT, 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

Operating temperature:
–20 °C to +60 °C

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

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

Power supply:
9-32 V DC

Positioning systems:
GPS, GLONASS, Galileo

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

Dimensions:
101 x 74 x 23 mm

Internal back-up battery:
LiPo 3.7 V 1050 mAh

3-axis accelerometer:
Impact, motion, tilt detection

RS232 / RS485:
Transparent channel

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/DOUT, 1-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

Operating temperature:
–20 °C to +60 °C

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

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

Power supply:
9-32 V DC

Positioning systems:
GPS, GLONASS, Galileo

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

Dimensions:
101 x 74 x 23 mm

Internal back-up battery:
LiPo 3.7 V 1050 mAh

3-axis accelerometer:
Impact, motion, tilt detection

RS232 / RS485:
Transparent channel

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

Operating temperature:
–20 °C to +40 °C

Internal storage:
8MB
(max. 36000 records)

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

Power supply:
9-32 V DC

Positioning systems:
GPS, GLONASS, Galileo

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

Internal back-up battery:
LiPo 3.7 V 180 mAh

3-axis accelerometer:
Impact, motion, tilt detection

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

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

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

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



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 µA (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

Positioning systems:
GPS, GLONASS, Galileo, BeiDou

Configuration & updates:
mDMP, GPRS (FOTA)

Internal battery (replaceable):
2xLiSOCl2, 3.6 V 2200 mAh

3-axis accelerometer:
Motion detection

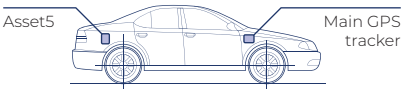
Dimensions:
70 x 56 x 28 mm

Operating temperature:
–30 to +70 °C

Internal storage:
1920 records, 560 beacon records

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

Operating temperature:
–20 °C to +40 °C

Internal storage:
8MB
(max. 36000 records)

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

Power supply:
9-32 V DC

Positioning systems:
GPS, GLONASS, Galileo

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

Internal back-up battery:
LiPo 3.7 V 180 mAh

3-axis accelerometer:
Impact, motion, tilt detection

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

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
Eco5-5W-Cat1-EMEA-IP54
Eco5-5W-Cat1-LA-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

Operating temperature:
–20 °C to +40 °C

Internal storage:
8MB
(max. 36000 records)

Weight:
90g +/- 2g with harness

Power supply:
9-32 V DC

Positioning systems:
GPS, GLONASS, Galileo

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

Internal back-up battery:
LiPo 3.7 V 180 mAh

3-axis accelerometer:
Impact, motion, tilt detection

Dimensions:
95 x 51 x 14 mm

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

Positioning systems:
GPS, GLONASS, Galileo

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

Internal back-up battery:
LiPo 3.7 V 180 mAh

3-axis accelerometer:
Impact, motion, tilt detection

Dimensions:
98 x 56 x 21 mm

Operating temperature:
−20 °C to +40 °C

Internal storage:
8MB (max. 36000 records)

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

Positioning systems:
GPS, GLONASS, Galileo

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

Power supply:
9-32 V DC

3-axis accelerometer:
Impact, motion, tilt detection

Dimensions:
98 x 56 x 21 mm

Operating temperature:
−20 °C to +40 °C

Internal storage:
8MB (max. 36000 records)

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

CAN For ALL

Compact adapter that makes CAN data accessible to any GPS tracking device

Product accessory



PRODUCT PAGE

CAN 2.0 and CAN FD data reading for any vehicle type

Compatible with Ruptela and third-party tracking devices

Ultra-compact design for easy installation

A compact, universal adapter that makes CAN data accessible to Ruptela and third-party GPS tracking devices without replacing existing hardware. It reads CAN 2.0 and CAN FD data, then delivers it to the tracking device via CAN (FMS) output or Bluetooth LE.

TECHNICAL INFORMATION:

2× CAN FD inputs for vehicle data reading

1× CAN 2.0 interface

Bleutooth LE 5.1 for wireless data output

Up to 2 EasyCAN contactless CAN reading adapters supported

Low power consumption

Broad tracker compatibility

Ultra-compact design

Vehicle data reading:
2x CAN FD interfaces supporting CAN 2.0 and CAN FD

CAN output:
1x CAN 2.0 interface

Power supply:
9–30 V DC

Wireless output:
Bluetooth 5.1

Dimensions:
50 × 41 × 14 mm

Power consumption:
<1 mA in power-saving mode

USB interface:
1x USB Type-C

Output format:
FMS/J1939

ACCESSORIES:

EasyCAN enables fast and secure access to vehicle CAN data without cutting wires or affecting the manufacturer's warranty. CAN For ALL supports up to two EasyCAN contactless CAN reading adapters.



GPS Trackers Matrix

Product Family	Commercial name	Order Code	LTE CAT1	LTE CAT1 bis	LTE CAT M1	LTE CAT 4	NB IoT	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*		
		Smart5-CAN-LTE-LA-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 4G	Eco5-5W-Cat1-EMEA-IP54	+							+	180mAh	+		IP54						x2	x1	x1		
		Eco5-5W-Cat1-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										

**Switchable*

MORE INFORMATION
ABOUT RUPTELA DEVICES


DO NOT COVER THIS SIDE
Asset5
Ruptela
Plug5
Ruptela
Smart5
Smart5

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	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	+	+	+	+	+	+	+		+*
	WIRELLESS DOOR SENSORS	BLUE_PUCK_MAG | X01068 (magnet)	+	+	+	+	+	+	+	+	+
	BLE TEMPERATURE AND HUMIDITY MONITORING SENSOR	X00975	+	+	+	+	+	+	+	+	+
	TRAILER ID	PUCK_ID	+	+	+	+	+	+	+	+	+
Others	EASY CAN	easycan01v	+	+	+	+	+	+	+		
	AUDIO SOLUTION	speaker_voice | microphone_voice | splitter_voice					+	+			

**only Eco5 12w*
***except Eco5 BM*

Accessories



WIRELESS FUEL LEVEL SENSOR



FUEL FILLER SECURITY



1-WIRE RFID READER

Harnesses Compatibility Matrix

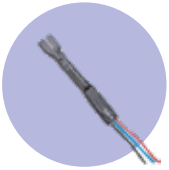
Category	Harness	ERP code	HCV5	HCV5 Lite	LCV5	ProS	ProSS	ProS Lite	smartS	PlugS	EcoS
FMS harnesses	FMS harness with accessory wires 0.5 m (CS116-33-01) (5th gen)	K00090	+	+		+	+	+			
OBD harnesses	Unified OBDII splitter harness	K00133	+	+	+		+	+			
	OBDII standard harness (CS116-35)	K00093	+	+	+		+	+			
	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



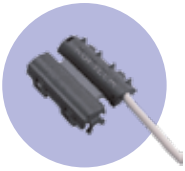
TEMPERATURE SENSOR



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:

Visit 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.

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).

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:

Ruptela

Driving innovation in fleet management

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