

CargoTrack Platform

Devices



- HCV5
- PRO5
- LCV5
- FM-Plug4
- FM-Eco4 ES

01.

HCV5

- HCV5-2G-GL-BT
- HCV5-3G-GL-BT
- HCV5-LTM-GL-BT



Advanced product designed for advanced HCV solutions, remote tachograph download, trailers and refrigerators.

Values

Versatility – multiple inputs/outputs, interfaces for accessories, Bluetooth 5.1, suitable for both – HCV and OBD

Easy installation – wireless solutions, small size, ergonomic design

Excellent performance – premium GNSS by U-blox, premium components

Easy-to-use – screwless housing, dedicated tools (device center, installation assistant), tailored harnesses

Secure – tamper, jamming detection, back-up battery, TLS1.2

High added value solutions – tachograph, trailers, connected trucks, refrigerators

- GNSS module
U-blox EVA M8M
- Battery
LiPo 3.7 V 1050 mAh
Internal backup battery
- Inputs
4x digital and 4x analog
- Outputs
4x digital
- Interfaces
2x Can, K-Line, 1-Wire
- Bluetooth
Bluetooth low energy
- CANbus
J1708, J1939, FMS
- Serial ports
2x RS232, 1x RS485
- Internal memory
64 Mbit (up to 32 GB using SD card)
- Accelerometer
3-axes, auto-calibrating
- Firmware configuration
SMS/GPRS/USB (FOTA)
- Audio
3.5mm microphone and audio jack*
- GNSS antenna
Internal and external (available as an additional accessory)
- Cellular antenna
Internal
- Power supply
9–32V DC
- Operating temperature
-20 to +60°C
- Size
101x 74x 23mm

* Audio jack is not available with 4G (HCV5-LTM-GL-BT version)



2G, 3G and 4G connectivity



Canbus and OBD data reading via 2x CAN interfaces



4xDIN, 4xAIn, 2xDOUT, 3.5mm microphone and audio jack



Remote tachograph data reading



Internal and external antennas



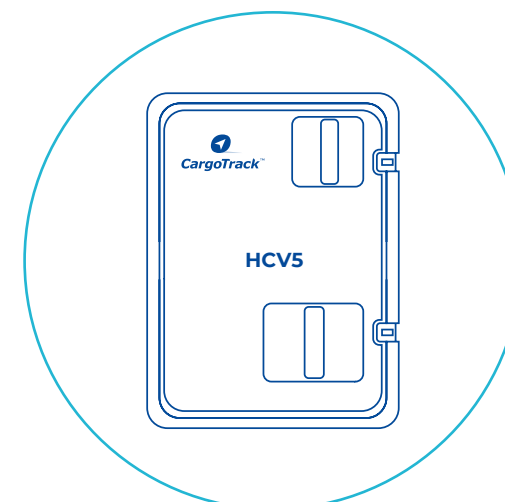
RS232 and RS485 interfaces for accessories



Bluetooth for accessories



Tampering and jamming detection



- Real-time monitoring of fleets and cargo
- Remote tachograph solution
- Fleet efficiency optimization
- Driver behavior monitoring
- Driver, vehicle and cargo safety and security
- Fuel monitoring
- Cargo conditions monitoring
- Trailer tracking
- Customizable with accessories
- Stolen vehicle recovery

02.

Pro5

- PRO5-2G-GL-BT
- PRO5-3G-GL-BT
- PRO5-LTM-GL-BT











Advanced product designed for advanced HCV solutions, trailers and various other equipment.

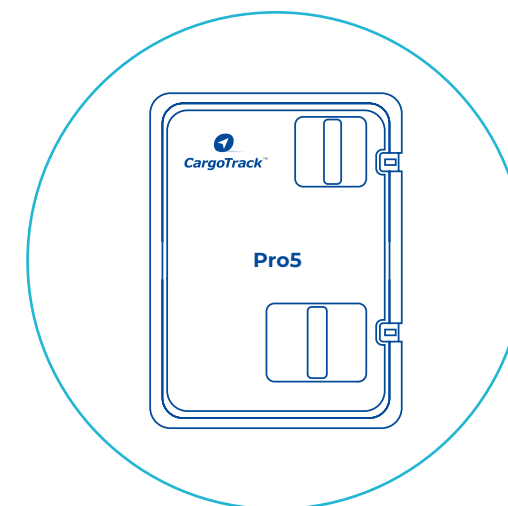
Values

- Easy-to-use – screwless housing, dedicated tools (device center, installation assistant), tailored harnesses
- Secure – tamper, jamming detection, back-up battery, TLS1.2
- High added value solutions - trailers, connected trucks
- Versatility – multiple inputs/outputs, interfaces for accessories
- Easy installation – wireless solutions, small size, ergonomic design
- Excellent performance – premium GNSS by U-blox, premium components

- GNSS module
U-blox EVA M8M
- Battery
LiPo 3.7 V 1050 mAh
Internal backup battery
- Inputs
4x digital and 4x analog
- Outputs
4x digital
- Interfaces
1xCan, 1-wire
- Bluetooth
Bluetooth low energy 5.1
- CANbus
J1708, J1939, FMS
- Serial ports
2x RS232, 1x RS485
- Internal memory
64 Mbit (up to 32 GB using SD card)
- Accelerometer
3-axes, auto-calibrating
- Firmware configuration
SMS/GPRS/USB (FOTA)
- Audio
3.5mm microphone and audio jack*
- GNSS antenna
Internal and external (available as an additional accessory)
- Cellular antenna
Internal
- Power supply
9–32V DC
- Operating temperature
-20 to +60°C
- Size
101x 74x 23mm

* Audio jack is not available with 4G (PRO5-LTM-GL-BT)

 2G, 3G and 4G connectivity	 CANbus reading and 1xCAN interface	 4xDIN, 4xAIN, 2xDOUT, 3.5mm microphone and audio jack
 Fuel monitoring and control	 Internal and external antennas	 RS232 and RS485 interfaces for accessories
 Tampering and jamming detection	 Bluetooth for accessories	



- Real-time monitoring of fleets and cargo
- Fleet efficiency optimization
- Driver behavior monitoring
- Driver, vehicle and cargo safety and security
- Fuel monitoring
- Cargo conditions monitoring
- Trailer tracking
- Customizable with accessories
- Stolen vehicle recovery

03.

LCV5

- LCV5-2G-GL-BT
- LCV5-3G-GL-BT
- LCV5-LTM-GL-BT



Advanced product optimized for LCV and passenger vehicle fleets with advanced CAN and OBD reading capabilities.

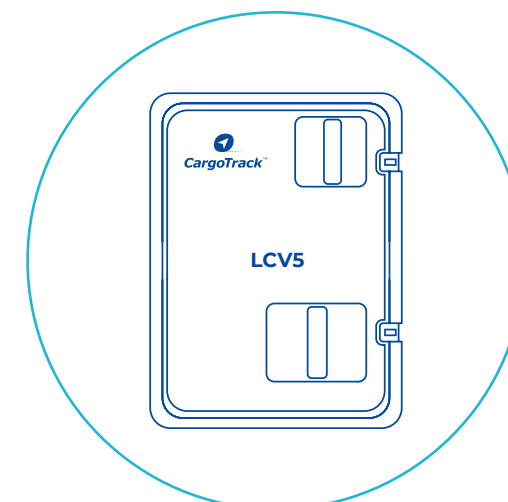
Values

- Easy-to-use – screwless housing, dedicated tools (device center, installation assistant), tailored harnesses
- Secure – tamper, jamming detection, back-up battery, TLS1.2
- Broad vehicle coverage – proprietary OBD reading, concealed OBD installation, excellent vehicle coverage
- Versatility – multiple inputs/outputs, interfaces for accessories, Bluetooth 5.1
- Easy installation – wireless solutions, small size, ergonomic design, OBD installation
- Excellent performance – premium GNSS by U-blox, premium components

- GNSS module
U-blox EVA M8M
- Battery
LiPo 3.7 V 1050 mAh
Internal backup battery
- Inputs
4x digital and 4x analog
- Outputs
4x digital
- Interfaces
2x CAN, K-Line, 1-Wire
- Bluetooth
Bluetooth low energy 5.1
- CANbus
LCV CAN, OBD data reading
- Digital Interfaces
2x RS232, 1x RS485
- Internal memory
64 Mbit (up to 32 GB using SD card)
- Accelerometer
3-axes, auto-calibrating
- Firmware configuration
SMS/GPRS/USB (FOTA)
- Audio
3.5mm microphone and audio jack*
- GNSS antenna
Internal and external (available as an additional accessory)
- Cellular antenna
Internal
- Power supply
9–32V DC
- Operating temperature
-20 to +60°C
- Size
101x 74x 23mm

* audio jack not available with 4G (LCV5-LTM-GL-BT versions)

- 2G, 3G and 4G connectivity
- Concealed and quick OBD installation using splitter harnesses
- Wide vehicle model coverage
- Proprietary vehicle data reading via OBDII port or directly from Canbus
- Automatic model detection and configuration
- Basic LCV DTC reading
- Tampering and jamming detection
- Bluetooth for accessories



- Advanced OBD and CAN reading
- Business and private trips selection
- Driver behavior monitoring and education Safety and security
- Driver identification
- Accident detection and reconstruction
- LCV fuel monitoring
- Real-time monitoring of fleets
- Fleet efficiency optimization
- Customizable with accessories
- Stolen vehicle recovery

04.

FM-Plug4

- FM-Plug4 (without internal battery)
- FM-Plug4+ (with internal battery and basic OBD reading)



FM-Plug4 is a compact tracking device, that connects to the vehicle via OBD2 port. With Plug&Play type installation, the driver can easily install this tracking device during each trip.

Values

- Easy and quick installation – Plug & Play device, compact size
- Operational cost optimization – driver behavior monitoring (Eco-Drive)
- Track your employees' trips with ease – reliable business/private journeys monitoring with driver identification
- Secure – jamming detection, back-up battery to detect disconnection

- GNSS module
U-blox EVA M8M
- Battery
LiPo 3.7 V 190 mAh (FM-Plug4+ only)
- Internal memory
32 Mb
- Accelerometer
3-axes, auto-calibrating
- Firmware configuration
SMS/GPRS/USB (FOTA)
- GNSS antenna
Internal
- GSM antenna
Internal
- Interfaces
Can, K-Line (FM-Plug4+)
- Power supply
10 ÷ 32 V DC
- Operating temperature
-35 +60°C
- Size
63 x 52 x 28 mm



2G connectivity



Plug&Play installation



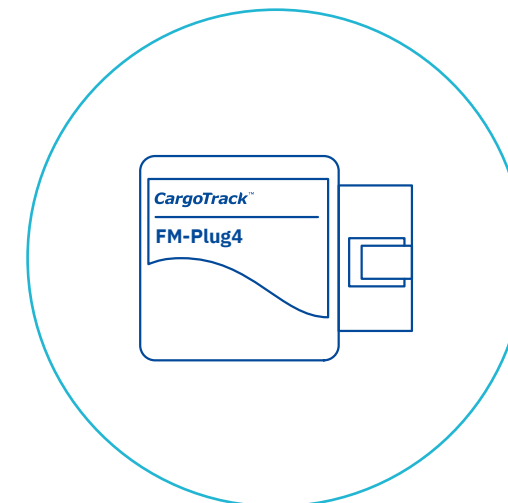
Quick self-installation



Basic OBD data reading (FM Plug4+)



Back-up battery (FM-Plug4+)



- Real-time data
- Driver behaviour monitoring (Eco-Drive)
- Driver registration and identification
- Internal Geozones
- Commands and configuration via SMS/GPRS/USB (FOTA)
- Internal microphone

05.

FM-Eco4 ES



FM-Eco4 ES series allow to connect digital fuel level sensors for accurate and reliable fuel level monitoring. They also improve safety on the roads: fatigue sensors allow detecting and informing the driver when he is tired, distracted, or not focused on the road. The alcohol sensor will send an alert or block the vehicle if the driver is intoxicated. Also this equipment can be used as a transparent channel for easier accessories integration.

Values

- Excellent performance and quality – premium GNSS by U-blox, premium components
- Concealed installation – external GNSS antenna, ergonomic design, IP67 housing
- Easy and quick installation – small size, screwless housing, tailored harnesses
- Easy accessories integration - RS232 as a transparent channel
- Reliable solutions for safety and security – vehicle blocking, access control, accident detection, geofencing, alerts, cargo monitoring, alcohol detection, driver fatigue monitoring
- Operational cost optimization – Eco-Drive, fuel monitoring, driver education (Eco-Drive panel)
- Full solution from one hand – GPS tracking device combined with suitable accessories

- GNSS module
U-blox EVA-M8M
- Battery
LiPo 3.7 V 190 mAh
- Inputs
3x Digital and 1x Analog
- Outputs
2 x digital
- Interfaces
1-Wire
- Serial Ports
1xRS232
- Housing
IP67 certified (option)
- Internal memory
32 Mb
- Accelerometer
3-axes, auto-calibrating
- Firmware configuration
SMS/GPRS/USB (FOTA)
- GNSS antenna
Internal or external
- Cellular antenna
Internal
- Power supply
6 ÷ 31.5 V DC
- Operating temperature
-20 to +60°C
- Size
65 x 61 x 22 mm /
95 x 77 x 29 mm (IP67)



2G and 3G
connectivity

IP67

IP67 housing



With internal or
external GNSS
antenna



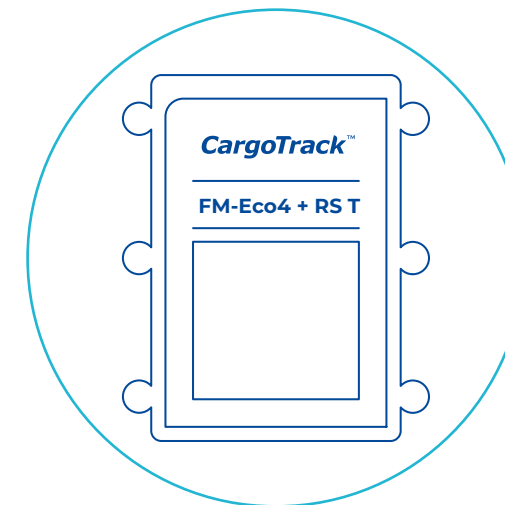
RS232 serial port



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



Small size



- Real-time data
- Driver behaviour monitoring (Eco-Drive)
- Driver registration and identification
- Driver fatigue monitoring
- Accurate Fuel monitoring
- Temperature monitoring
- Remote ignition blocking
- Transparent channel
- Internal Geozones
- Jamming notifications
- Commands and configuration
via SMS/GPRS/USB (FOTA)



Cargo Track Solutions S.R.L
Str. Romulus Guga 16,
Oradea, Bhor
Postal code: 410601

www.cargotrack.ro
office@cargotrack.ro
+40374430060