

CargoTrack Platform Accessories



HCV5
PRO5
LCV5
FM-Plug4
FM-Eco4 ES

Wired Accessories



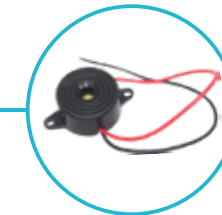
Driver behavior monitoring

Eco-drive panel



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

Buzzer



Buzzer is a small audio signaling device that can alert the driver on various events such as when the driver registration is needed, GPS tracker jamming detection, or can be used for driver behavior monitoring.

Fuel monitoring

Ruptela PRO and ECO FLS



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

Cargo condition monitoring

1-wire temperature sensor



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

1-wire temperature and humidity sensor



The Temperature & Humidity Sensor is a high-accuracy cargo condition monitoring sensor with 1-Wire interface for vans and heavy-duty vehicles with a trailer. This sensor collects the temperature and humidity in real-time, collects the data, and sends it to a tracking device.

EasyCAN

EasyCAN



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

Driver identification

Ibutton readers/ Identification key



This accessory can be used when more than one person is using a vehicle or when one person uses several vehicles. It shows who used the vehicle, when, and who was in charge of it. It is possible to block the vehicle's engine and notify the driver by audio signal if the identification is not completed successfully.

RS232 RFID reader



RFID Readers are small card reading devices designed for driver identification. In many cases, security passes that are already used in the company can be adopted. The reader shows who used the vehicle, when, and who was in charge of it.

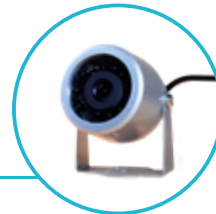
Safety and security

Fatigue sensor



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

Indoor or Outdoor Snapshot Camera



Snapshot Cameras will allow you to get snapshots of what was happening at a particular time or event with the vehicle and driver. Indoor or outdoor cameras can automatically take snapshots on set events, such as harsh braking or accelerating, GSM jamming, vehicle towing and others. Snapshot cameras help to ensure vehicle security and provide essential evidence in case of an accident.

Dräger Alcohol Sensor/ Alcohol sensor (RS232 protocol)



Alcohol sensor is a device used to test the concentration of alcohol from the exhaled air by a person. It enables the control of each ignition, prohibiting the start of vehicle if the driver is intoxicated. The device also prevents cheating if the driver uses a balloon or compressed air to blow.

Door sensor



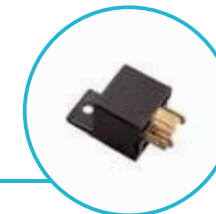
Door sensors record door opening and closing events, which are transmitted to the monitoring system. The device is easily installed, reliable and often used for monitoring opening-closing events in refrigerated semi-trailers. The door sensors are perfectly adapted to protect cargo against the third party actions and natural forces.

Panic button



Panic Buttons increase the safety of the vehicle, driver and cargo. In case of an emergency, the driver can quickly send an emergency message to the manager. The message is received in the monitoring and control system or by SMS.

Ignition blocking relay



The engine relay is a device designed to block the engine of a vehicle, offering protection against unauthorised use of the vehicle. Remote activation of the relay is possible through a monitoring and control system or by SMS.

Push to talk



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

External GNSS antenna



External GNSS antenna can be connected to the 5th generation advance family devices (HCV5, LCV5, Pro5) for more accurate fleet location especially when it is needed to hide GPS tracker under metal construction in the vehicle. If the external antenna is damaged or disconnected, the internal one will take over and you will get notification that someone is trying to interrupt fleet monitoring or damage the HW device.

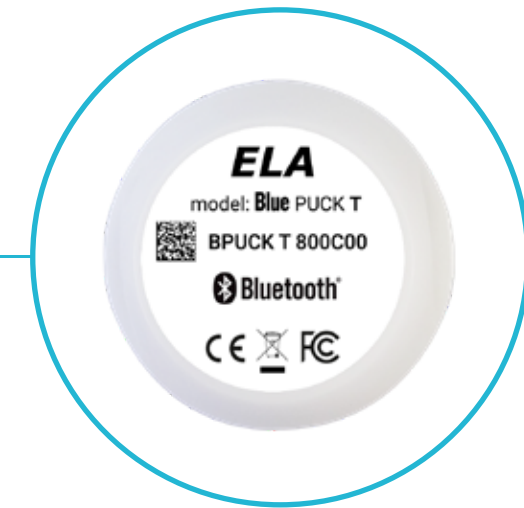
Bluetooth sensors for wireless solutions

Wireless solutions save time and reduce installation costs.



Vehicle and cargo condition monitoring

- Temperature sensor
- Temperature and humidity sensor
- Low range temperature and humidity sensor
- sensor Technoton fuel level sensor
- (coming soon) Door sensor (coming soon)
- Weight sensor (coming soon)



Trailer identification

- Temperature and humidity sensor



Driver identification

- Wireless button



Compatible with: HCV5, LCV5, PRO5 BLE GPS Trackers



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