



THE CELLOCATOR DIFFERENCE

A wide variety of product accessories offers an end to end implementation of Cellocator products that best meet the dynamic needs of your customers. For fuel saving applications, contacting dispatch center, making sure trailers are easily located and more, Cellocator product accessories are available to assist you with these tasks.

This wide range of accessories provides you with flexibility and ease of installation for fast service and solution deployment.



POINTER

APPLICATION ENABLERS

Garmin Integration

Garmin integration delivers high-end navigation and enhanced communication capabilities between fleet managers and their drivers. Using the capabilities of the Cellocator™ units, a control center can send a text message to the vehicle with the integrated system relaying the message to the screen of the Garmin device. It also allows Instant re-routing using “new destination” message prompts.

The communication features also allow for enhanced navigation assistance and control, such as, real-time location of vehicles, alerts to the fleet manager when the vehicle has arrived at a requested stop and when the driver has set off for the next destination.



Cellocator Handsfree

The Cellocator™ Handsfree module allows the driver to communicate with assistance representatives and Control Center (CC) operators, offering full duplex voice connectivity via microphone and speaker, as well as volume control via push button. The driver/user can initiate, answer and disconnect calls via a service button. The driver can also initiate a service call or a panic call to a predefined number (control center) using the panic button. The Handsfree module also supports silent cabin monitoring in which the CC can listen in while the speaker is muted. A LED indicator indicates the status of the call. The Cellocator unit may be programmed to answer automatically.



Cellocator MDT

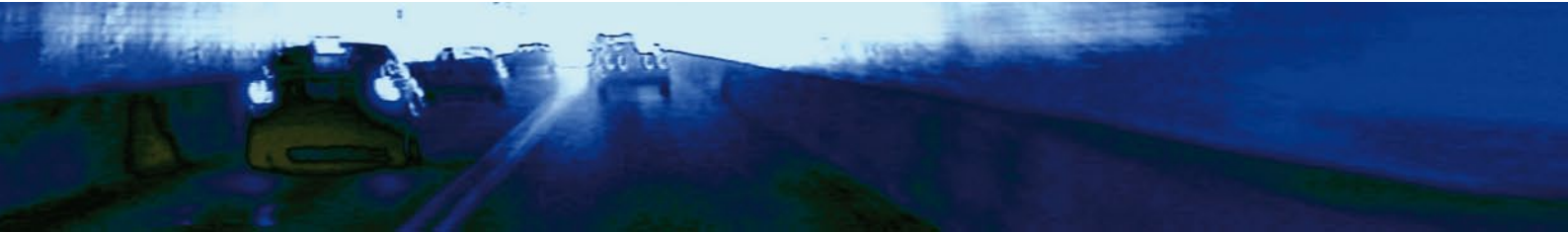
A robust and ergonomic Mobile Data Terminal for pure text messaging applications, commonly used for communicating with the central office or dispatch center. Cellocator MDT utilizes Garmin protocol, offering operators which have already integrated Garmin protocol flawless communication and storing of messages on communication interrupts. Cellocator MDT comes with a 5.5” Monochrome LCD display with adjustable LED backlight.



MDT 860

The MDT-860 Mobile Data Terminal is a robust solution for sending, receiving and storing messages. It enables displaying text and graphics, has a user input keyboard, and sends data to a wide variety of custom applications. MDT 860 provides a field proven, cost effective platform designed to survive extreme temperature range, vibrations and shock. A built in power supply is provided capable of operating in a wide variety of vehicles. Optionally, a PS2 keyboard can be connected to the MDT.





SENSORS

Temperature Sensor

The temperature sensor enables temperature measurement applications for preventing losses especially in refrigerated containers for the Chilled Supply Chain Industry and other temperature sensitive assets. It connects to the analogue input of Cellocator units.



CTR

The Cellocator Temperature/Humidity Recorder (CTR / CTHR) supports up to 4 channels for temperature sensors, temperature and humidity sensors and events (switches) sensors. The Cellocator Temperature Recorder (CTR) enables you to record, save, and print up to 16,200 readings at predefined intervals. The CTR sends the recorded data to the control center application via the Cellocator unit.

The CTR sends the measured data via its RS232 port and through the CTR communication cable to the Cellocator unit RS232 interface. The Cellocator unit transfers the information via the cellular network to the CC application. The unit guarantees no information loss even when cellular communication is lost for long periods.



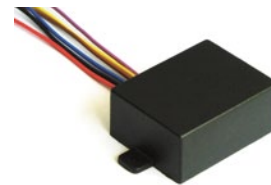
Container Door Sensor

A robust magnetic door sensor is connected to the CelloTrack digital input, and used to detect door opening in container/trailer applications. The container door sensor is an additional accessory intended to expand the CelloTrack family and the solutions offering for the asset tracking market.



Fuel Level Sensor

As fuel costs are rising globally, fuel sensors allow the incorporation of fuel monitoring services. This fuel level sensor can be fitted to all kinds of vehicles, supports remote calibration and works with an analogue input. The sensor smoothes the “jumps” created by the fuel movement in the tank. Typical applications include theft prevention.



Fuel Cap Protector

The Fuel Cap Protector decreases the possibility of fuel theft by reporting on fuel cap openings. The product, which is connected to a Cellocator unit digital input, detects fuel cap access and sends a signal to the Cellocator unit. The Cellocator unit reports to the Control Center by sending an appropriate event. The Fuel Cap Protector is designed to be mounted on the tank lid neck, disabling access to the fuel cap when closed and allowing free access to the fuel cap when open.



DRIVER IDENTIFICATION

Dallas Keys

Dallas Keys are coded keys with matching receiver that enable immobilizations and driver-recognition applications for both security and fleet services. Additional keys enable multiple drivers.



Dallas Reader with LED & Push Button

The Driver Status Reporter provides driver identification and driver status reports on special events such as private usage of a vehicle. The product contains a Dallas reader, a push button and a LED. The Dallas reader is used for the Driver ID report, the push button is used for special event reports and the LED is used as a status indication controlled by the Cellocator unit.



Cellocator Keypad

The keypad is used for driver authentication, offering an additional authentication method besides the Dallas key. The driver enters his driver ID using the keyboard transmitting it to the Dallas input of the Cellocator unit.



Cellocator™ Proximity Reader

The Cellocator proximity reader supports contactless cards or tags based on EMarine 4102 technology. The reader identifies the card or tag information and sends it to the Cellocator unit via the Dallas interface. The reader indicates its power-on process and receiving valid/invalid tag information via a built in buzzer.

The unit handles the card information the same way as it handles the Dallas key information and thus all the Driver-ID functionality is available also for the proximity reader. The device can replace the Dallas key, offering modern wireless technology.

Using popular EMarine 4102 wireless technology allows usage of variety of off-the-shelf contactless cards and tags. Wireless Driver ID offers using the same card for accessing the office and the car. Cellocator provides proximity readers, cards and tags. The cards can be provided with customer logo or branded image.



Distress Button

A distress button in the vehicle increases driver safety, allowing the driver to alert the fleet manager when needed.





ADDITIONAL ACCESSORIES

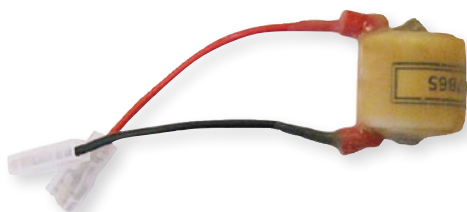
Immobilizer Relay

12V 40/30A relay supports immobilizing and general purpose applications.



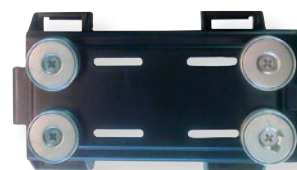
Trailer ID

Trailer ID is a compact device for monitoring trailer location and connectivity. Fleet managers can easily monitor which trailer is connected to where within the fleet or whether a trailer is not connected.



CelloTrack Magnetic Bracket

This bracket allows CelloTrack units to be fixed on steel (iron) surfaces by means of very strong permanent magnets, expanding the flexibility in the placement of units, especially for surveillance, containers and various cargo assets.



CelloFamily & CR200/B 2 Wires Fuse Harness

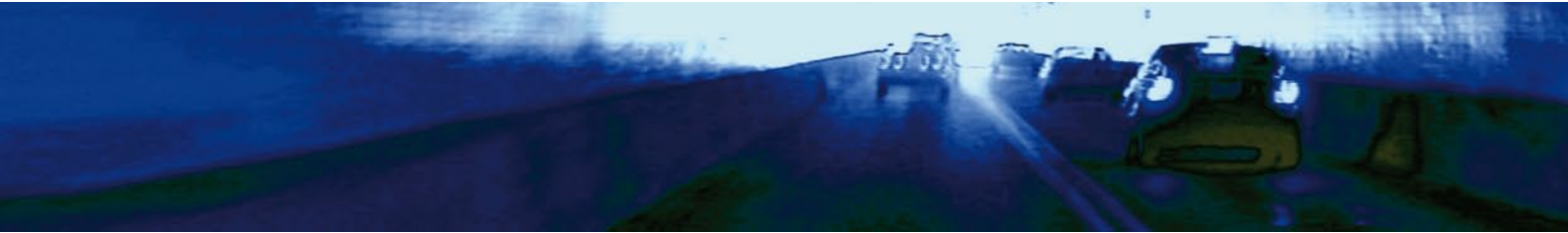
The harness provides power and ground connectivity only, for self/easy installations. The power wire is connected to a standard size fuse in the driver cabin for quick & easy installation. No ignition input needs to be connected as the user can enable the Movement Start/Stop identification feature in order to detect and report movement status.



CelloFamily & CR/B 2 Wires Mini Fuse Harness

The harness provides power and ground connectivity only, for self/easy installations. The power wire is connected to a mini size fuse in the driver cabin for quick & easy installation. No ignition input needs to be connected as the user can enable the Movement Start/Stop identification feature in order to detect and report movement status.





Cello OBDII Connector - 2 Wires Harness

The harness connects the Cello unit to an OBDII standard connector in the vehicle and provides Vcc and Gnd connectivity only, for self/easy installations.

No ignition input needs to be connected as the user can enable the Movement start/ Stop identification feature in order to detect and report movement status.



CelloFamily Waterproof Case

A robust case for the CelloFamily, designed for high-end applications where the Cello-F is exposed to external and harsh weather conditions. The enclosure is water and dust protected, and internal foam also protects against vibrations and shock. The enclosure is equipped with one PG-7 cable gland, and is also prepared for a second PG-7 cable gland.



The CelloFamily Protector

The CelloFamily Protector is a low cost silicone/ rubber cover for CelloFamily devices, designed to improve the environment and ingress protection of the device from IP40 to IP65, increasing solid-particle-protection from none to Dust-proof and liquid-ingress-protection from Splashing-water to Powerful-water-jets protection. This dust and water proof solution provides the installer with more flexibility, as the Cello unit can now be installed in vehicle cavities other than the passenger compartment or the trunk. The CelloFamily Protector is used in conjunction with molded harnesses in order to provide robust protection.



In addition, we offer various batteries, antennas and harnesses for various applications, such as backup batteries that enable continuous work for mission-critical applications when external power is disconnected, and harnesses for easy installation.

HOW TO PURCHASE

For more information about prices and technical knowledge, please contact:

Pointer Telocation Ltd.

14 Hamelacha Street, Rosh Haayin 48091, Israel

Tel: +972-3-5723111, **Fax:** +972-3-5719698

e-mail: info@pointer.com **www.pointer.com**



Cellocator Division
Pointer Telocation Ltd.



POINTER