DS9092 DS9092L iButton Reader

1 Introduction

1.1 About the Accessory

The iButton reader enables the identification of the driver. It shows who is using the vehicle, at what time, and who is in charge of it. In case any discrepancies arise during the identification process, it is possible to block the vehicle's engine and notify the driver by an audio signal. The device is easy-to-implement, and it is possible to use the same security passes you already use in your company.

1.2 Legal Information

1.3 Compatibility

iButton readers are compatible with the following devices with the newest firmware version:

- HCV5
- LCV5
- Pro5
- FM-Tco4 HCV
- FM-Tco4 LCV
- FM-Pro4
- FM-Eco4
- FM-Eco4 S
- FM-Eco4 T

1.4 Contact Information

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1.5 Document Changelog

Version	Date	Modification
1.0	2021-02-15	Initial draft.

1.6 Notations

The following notations are used in this document to highlight important information:

Bold text

Used to indicate user interface elements or for emphasis.

Italic text

Used to indicate items that belong to a list and can be selected.

1.7 References

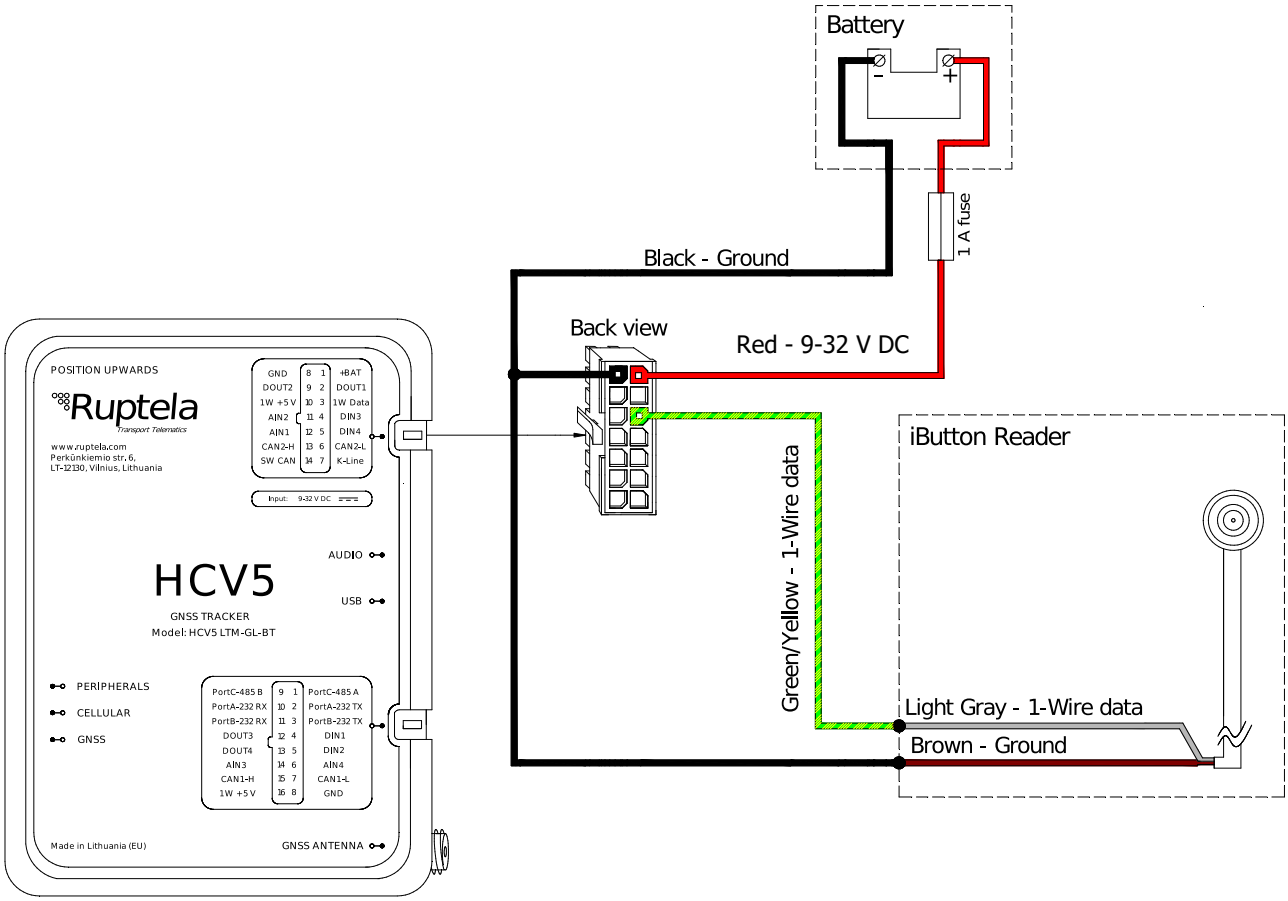
Datasheet: https://doc.ruptela.lt/display/AB/Accessories

2 Connection

2.1 Connection to 5th Generation Advanced Family Devices

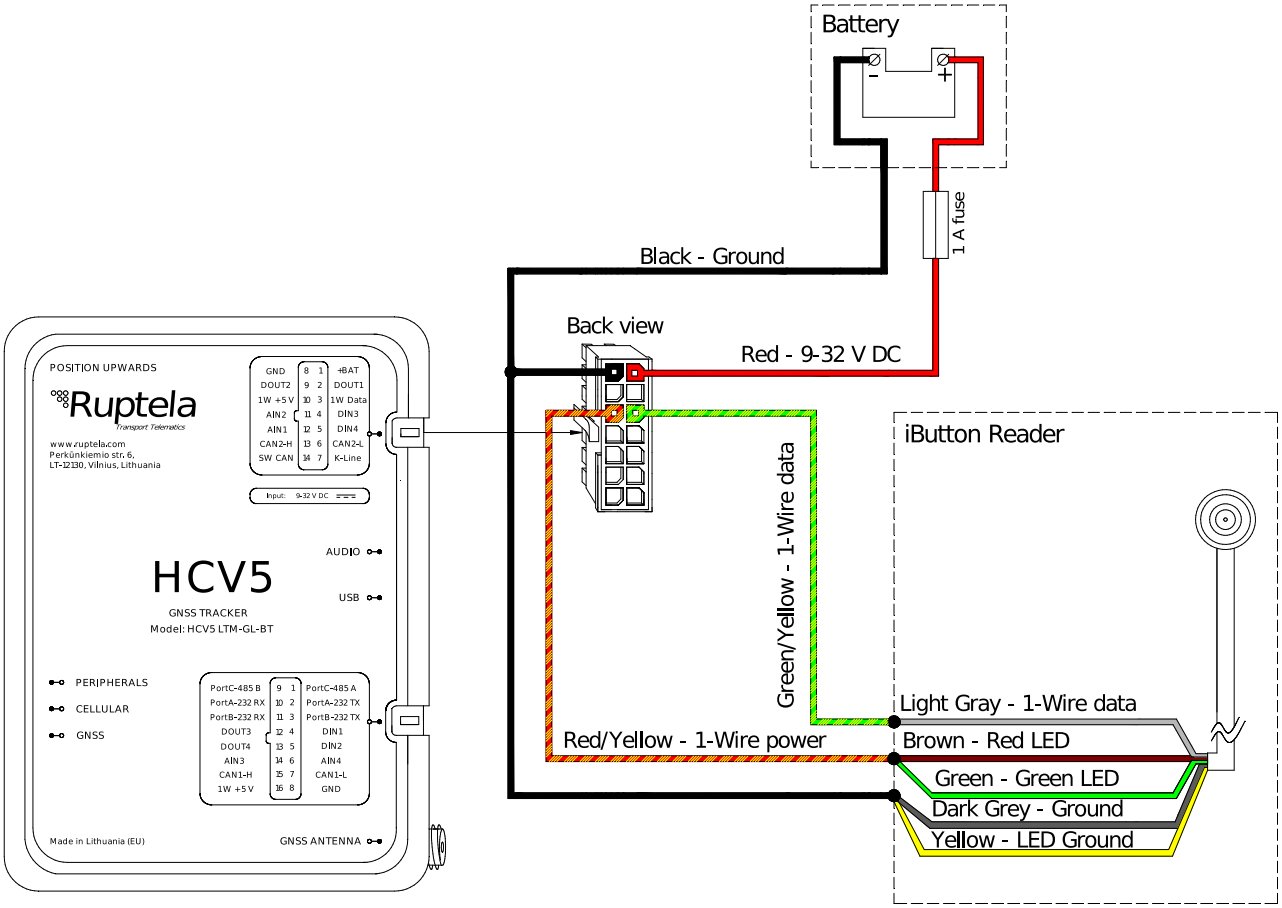
2.1.1 DS9092 iButton Reader

Connect the DS9092 iButton reader to your tracking device as follows:



2.1.2 DS9092L iButton Reader

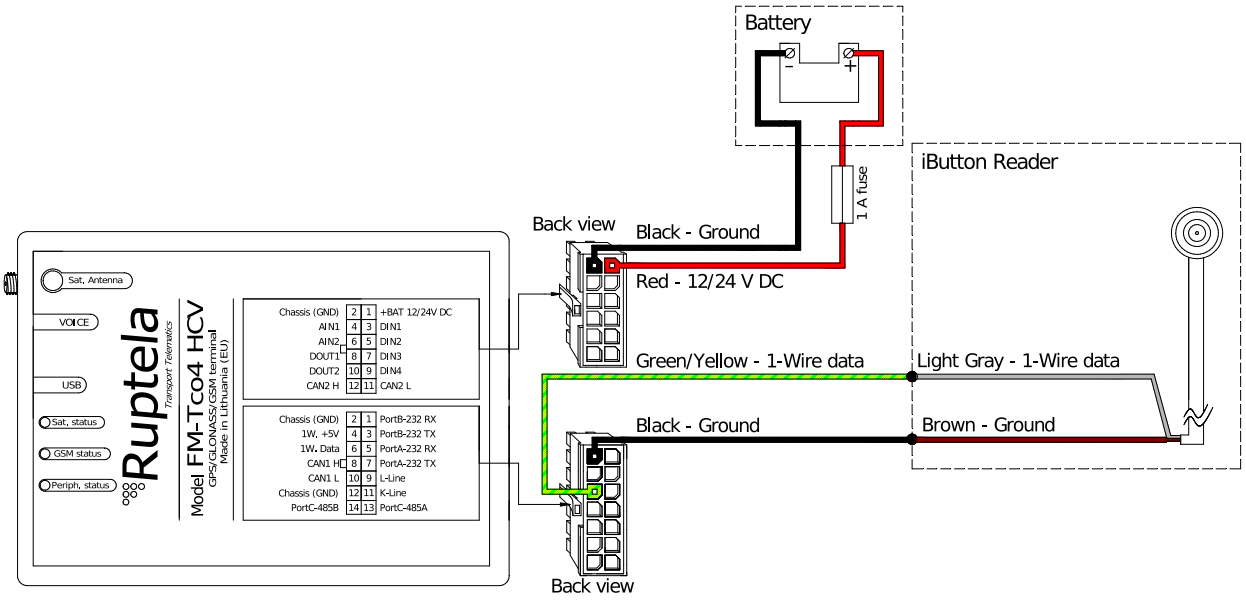
Connect the DS9092L iButton reader to your tracking device as follows:



2.2 Connection to 4th Generation Advanced Family Devices

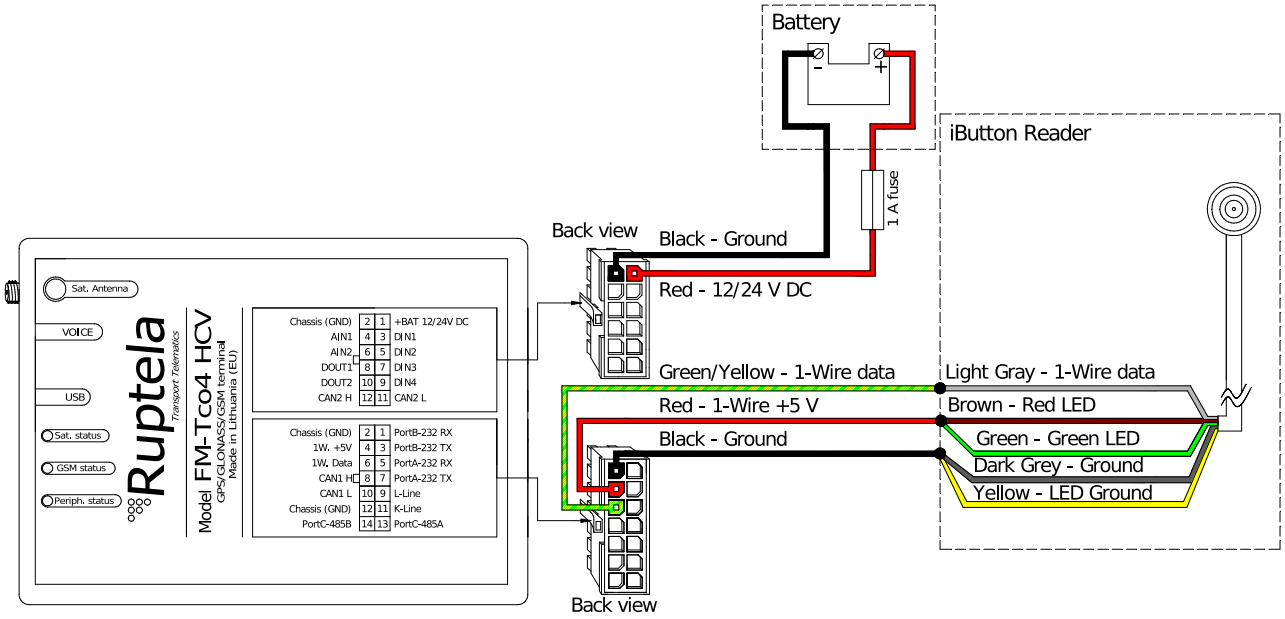
2.2.1 DS9092 iButton Reader

Connect the DS9092 iButton reader to your tracking device as follows:



2.2.2 DS9092L iButton Reader

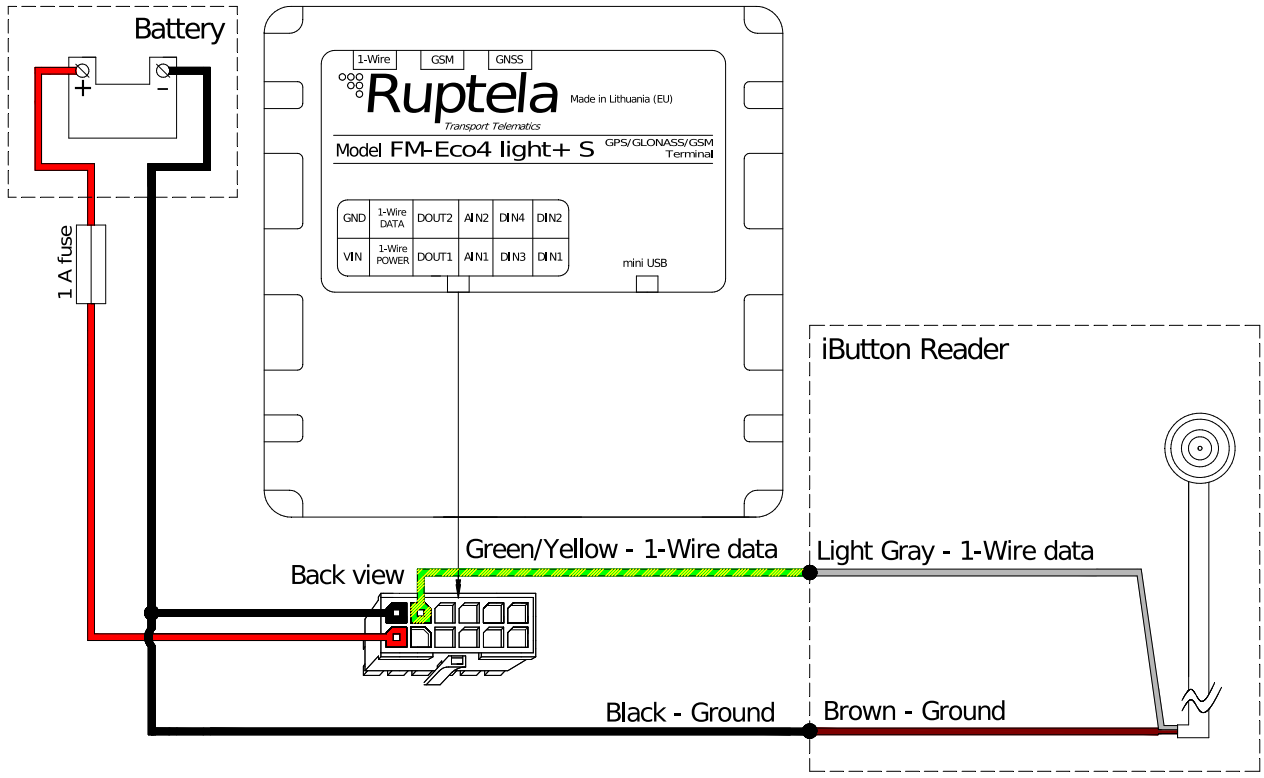
Connect the DS9092L iButton reader to your tracking device as follows:



2.3 Connection to Eco4 Series Devices

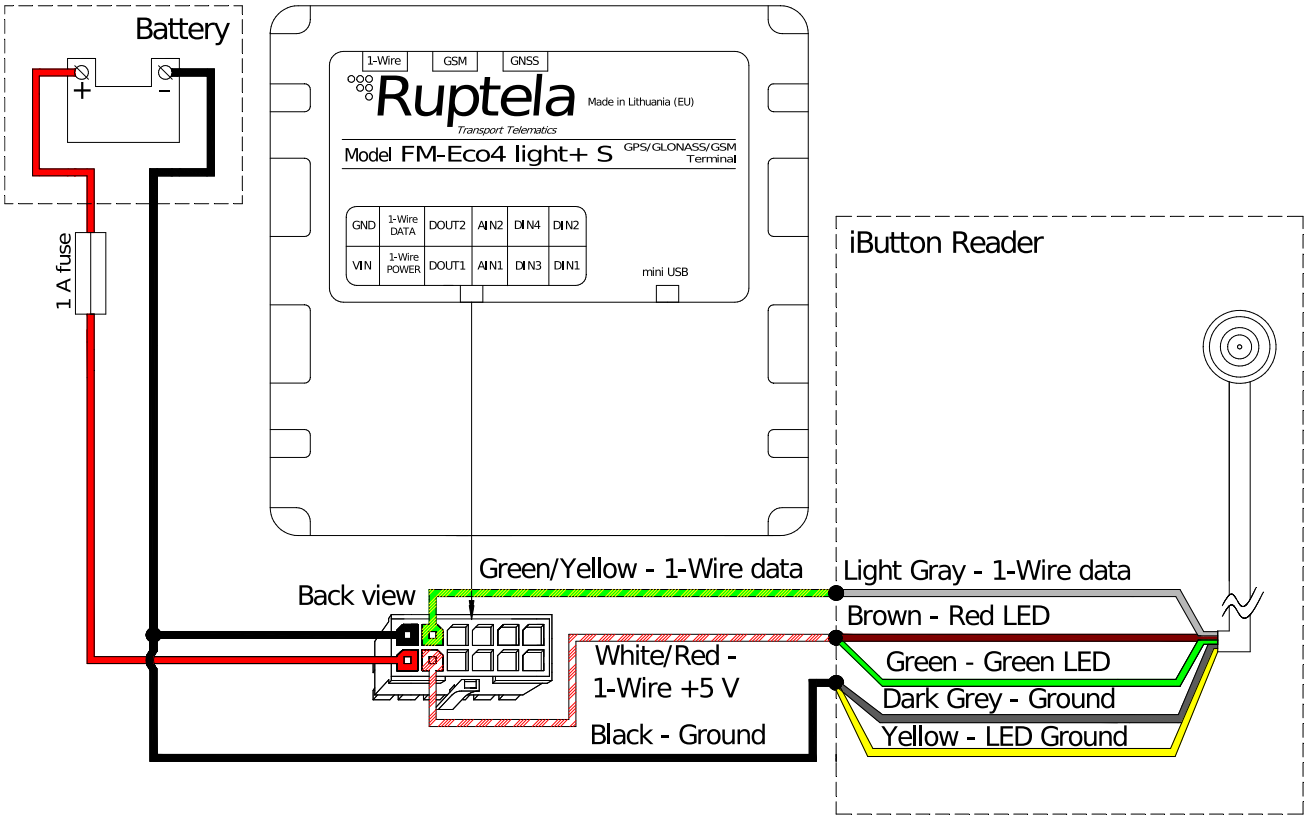
2.3.1 DS9092 iButton Reader

Connect the DS9092 iButton reader to your tracking device as follows:



2.3.2 DS9092L iButton Reader

Connect the DS9092L iButton reader to your tracking device as follows:



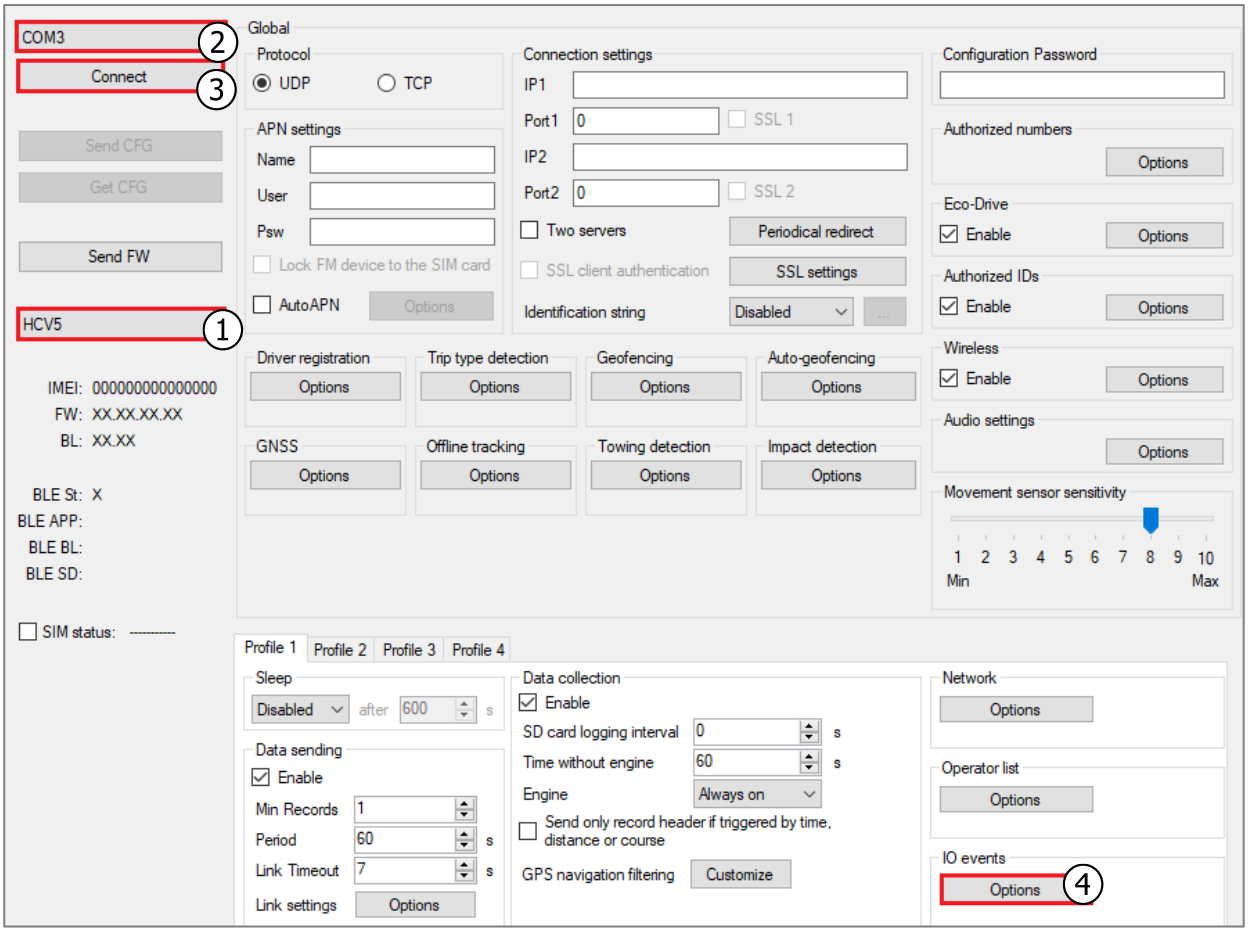
3 Configuration

This functionality requires the use of the advanced configurator.

3.1 Starting the Configuration

To start the configuration, follow these steps:

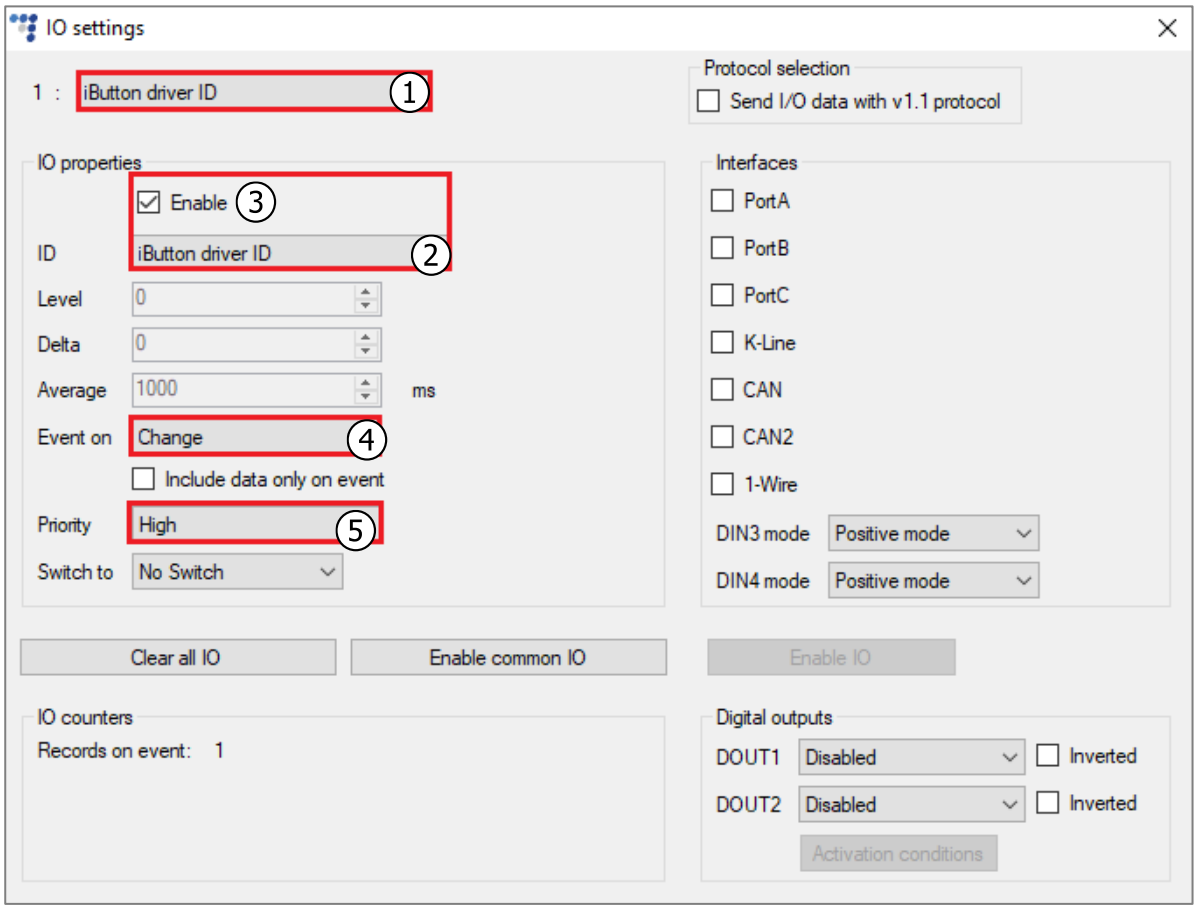
1. Open the advanced configurator. Select your tracking device.
2. Select a COM port to which your device is connected.
3. Click **Connect**.
4. Click the **Options** button in the **IO events** section to open the **IO Settings** window.



3.2 Configuring iButton Reader

Follow these steps to enable IO parameters:

1. In the **IO settings** window, select a slot for the IO parameter.
2. Select the *iButton driver ID* parameter.
3. Tick the **Enable** checkbox.
4. Set the **Event on** to *Change*.
5. Set the **Priority** to *High*.



3.3 Finishing the Configuration

To finish the configuration, close the **IO settings** window. Click **Send CFG** to send the configuration to the device.