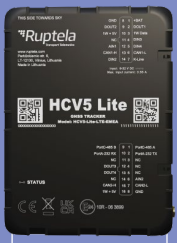
Custom CAN

Ruptela

Supported devices



Datasheet



Datasheet



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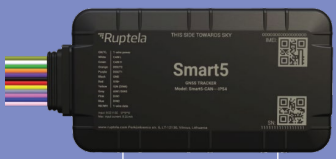


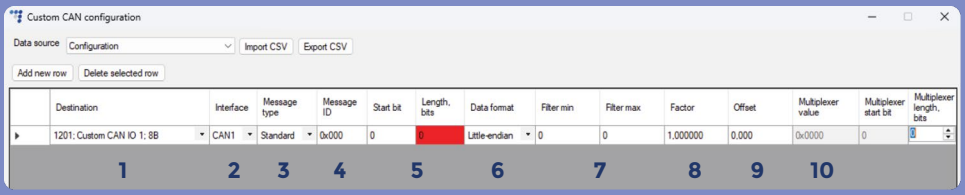
Datasheet

The Custom CAN mode enables users to define CAN parameter reading rules from the ground up. When another supported group is selected, it will follow its predefined rules. However, any custom CAN rules specified will either enhance or override the existing rules as needed.

There are 2 ways of obtaining custom parameter configuration options.

1. CSV import provided from old configuration or by Ruptela.
2. Mapping parameters using one of the provided methods: doc.ruptela.com.

What is needed to map the parameters for usage of Custom CAN:



Following steps needs to be taken to make use of the Custom CAN feature:

1. Destination: Select Custom CAN IO or existing to decide where parameter will be written (check for existing parameters in FMIO list);
- Names for these parameters consist of IOID, Param. Name, Byte length.

2. Interface: Select correct CAN line (CAN1 or CAN2) which is going to be used.
3. Message type: Based on standard bit length.
4. Message ID: *Message type* dependent ID.
5. Start bit/Length bits: Parameters that describe what bit data is read and length of read message.
6. Data format: Relevant data is read using *Little-Endian* or *Big-Endian*.
7. Filter min/max: Filters that allow ignore minimal or maximal values of read data.
8. Factor: Value multiplier.
9. Offset: Offset defines a value that will be added after the factor multiplication.
10. Multiplexer: Advanced filter options.