

CAN Adapter update

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The software of CAN adapters - [LV-CAN200](#), [ALL-CAN300](#) and [CAN-CONTROL](#) can now be updated Over The Air by using [FOTA WEB](#) and one of the FMx1YX devices. Upgrading the software of the CAN adapter will add more program numbers, thus, more vehicle models will be supported.

Please note, that only the newer version of LV-CAN200 and ALL-CAN300 CAN adapters support this feature. The version of the CAN adapter can be checked by sending an SMS command [lvcangetinfo](#). If, in the response message, "**SWRev:**" is **145**, the CAN adapter is older and if it is **245**, the adapter is newer. It does not apply to CAN-CONTROL - all CAN-CONTROL adapters support firmware updates over the air.

In order to update your device's firmware please follow a quick and simple step-by-step guide below. The procedure is the same for all devices.

- FMx1YX device, which is connected to the CAN adapter (or [FMB140](#) which has an internal CAN adapter), must be registered in FOTA WEB - device's model, firmware version, serial number, and other information must be shown.
- Once a device connects to FOTA WEB on the next scheduled connection CAN adapter information and current version of the CAN adapter software can be checked in Device details window.



- In order to update the software of a CAN adapter, You should follow these steps:
 1. Select the devices by clicking the checkbox next to them
 2. Press "**Create task**" at the top-left corner of the page
 3. Select "**Update CAN adapter firmware**" task type

The screenshot displays the FOTA WEB interface. At the top, there is a search bar with the value '357544372308151'. Below the search bar is a navigation menu with options: Add, Create task, Add scenario, Move, Export, and Delete. The main area is divided into two sections. On the left, there is a table with columns: Info, IMEI, Model, Firmware, Company, and Seen at. The table contains one row with the following data: IMEI: 357544372308151, Model: FMB140, Firmware: 03.25.16.Rev.410, Company: Teltonika, and Seen at: 2021-12-22 14:21:34. Below the table, it says 'Total devices 1'. On the right, there is a detailed view of the device. It shows a photo of the FMB140 CAN adapter. Below the photo, the IMEI is 357544372308151 and the model is FMB140. There are three tabs: Details, Tasks, and Changes. The Details tab is active and shows the following information:

- General**
 - Company: **Teltonika**
 - Serial No.: **1115292197**
 - Firmware: **03.25.16.Rev.410**
- CAN adapter**
 - Bootstring: **C70C202000024470073000A0000220070152031352D30354B39334E21062101702B00001D**
 - Type: **FMB140 LV-CAN**
 - Program number: **11120**
 - Software date: **210621**

- Once the software update task has been assigned, it can be seen in the main window. Please note, that uploading will start after the next scheduled connection to FOTA WEB (or instant connection, initiated by an SMS command "web_connect"):
- When the update is finished, a new software version can be seen in the details window after the next scheduled connection to FOTA WEB(or instant connection, initiated by an SMS command "web_connect"):

FMB150 Configuration Upload

- **FMB150** CAN configuration can be uploaded Over The Air by using FOTA WEB.
- In order to download your vehicle's CAN configuration please follow a quick and simple step-by-step guide below. FMB150 device must be registered in FOTA WEB - the device's model, firmware version, serial number, and other information must be shown.
 1. Select the devices by clicking the checkbox next to them
 2. Press "Create task" at the top-left corner of the page
 3. Select „Upload CAN configuration“ task type
 4. Select Vehicle Make, and Model :

Devices

[+](#) Add
 [+](#) Create task
 [+](#) Add scenario
 [↶](#) Move
 [↑](#) Import data
 [+](#) Export
 [↻](#) Device transfer
 [🗑](#) Delete

350544500

Info	IMEI	Description	Model	Firmware	Configuration	Status name	Seen at	Created at	Updated at
<input type="checkbox"/>	350544500680205	SAMPLE_TEST_FMB150	FMB150	03.28.03.Rev.154	-	Idle	2022-08-11 10:11:48	2022-08-11 10:05:27	2022-08-11 10:31:44

Total devices 1

- Once the CAN configuration upload task has been assigned, it can be seen in the main window. Please note, that uploading will start after the next scheduled connection to FOTA WEB (or instant connection, initiated by an SMS command "web_connect"):
- When the update is finished, a new software version can be seen in the details window after the next scheduled connection to FOTA WEB(or instant connection, initiated by an SMS command "web_connect").

FMB150 CAN adapter update

FMB150 CAN chip update can be done through FOTA Web by creating a task called "Update FMX150 CAN Chip". Select the FMB150 device that you would like the CAN chip to be updated and press "Create task". In the create task window select FM CAN Chip FW and press "Create". To initiate the task immediately you can send the "web_connect" command or perform a hard reset of the device. Below is a visual representation of the steps described above.


Devices

[+](#) Add
 [+](#) Create task
 [+](#) Add scenario
 [↶](#) Move
 [↑](#) Import data
 [+](#) Export
 [↻](#) Device transfer
 [🗑](#) Delete

350544500680205

Info	IMEI	Activity	Model	Firmware	Configuration	Modem version	ICCID	IMSI	Product code	Seen at	Updated at
<input type="checkbox"/>	350544500680205	Offline	FMB150	03.28.03.Rev.154	-	-	8937002171000546178	246020101562677	-	2022-09-27 15:47:07	2022-11-12 03:00:07

Total devices 1



IMEI: 350544500680205 FMB150

Details Tasks Changes

General

Company: Teltonika
 Serial No.: 112501188
 Firmware: 03.28.03.Rev.154

SIM

ICCID: 8937002171000546178
 IMSI: 246020101562677