

Template:FMC650 BLE module update

Update via Configurator

The BLE Firmware for FMC650 devices can be update via Configurator. Firstly, you should obtain the BLE FW file from your Sales Manager, then connect the device to the PC, open configurator, press on "Bluetooth 4.0" tab and at the bottom you will find "Transfer BLE Firmware file" with the "Upload" button. Press "Upload" button, choose BLE FW file, click OK and the device will be updated shortly.



Update via FOTA WEB

The BLE Firmware for FMC650 devices can now be updated Over The Air by using FOTA WEB. Updating the BLE can enhanced performance and stability of BLE devices.

Please note: - the minimal device firmware that supports over the air BLE update is 01.00.02. - the minimal BLE firmware version is v0.1.5 In order to update your device's BLE firmware please follow a quick and simple step-by-step guide below. The procedure is the same for all devices. To get the module's firmware file, please contact your sales manager or fill a query in the VIP helpdesk.

FMC650 device must be registered in FOTA Web - device's model, firmware version, serial number and other information must be shown.

FMC650 device must have a correct device firmware version uploaded (Minimal device firmware 01.00.02). Once device with correct device firmware version connects to FOTA Web on the next scheduled connection (or instant connection, initiated by an SMS command "web_connect"), the data about the device will be updated.

The screenshot displays the FOTA Web interface. On the left, a table lists devices with columns for Info, IMEI, Description, Model, Firmware, Serial No., Company, Group, Status name, Seen at, and Updated at. A single device is listed with IMEI 867648041603208, Model FMC640, Firmware 01.00.02.Rev.00, Serial No. 0, Company Teltonika, Status name Inactive, Seen at 2020-10-30 12:43:26, and Updated at 2021-04-26 23:45:06. Below the table, it indicates 'Total devices: 1'. On the right, a detailed view for the selected device (FMC640, IMEI 867648041603208) is shown. It includes a 'Device tasks' section, a 'FILTER BY' section with 'Company Teltonika', and a 'CHANGES' section showing a firmware update from 'Unknown' to '01.00.02.Rev.00' on 2020-10-08 17:07:33. An image of the FMC640 module is also visible.

To update BLE a check-box needs to be ticked, then „Create task“ button pressed and „Update BLE firmware“ selected:

The screenshot displays the Teltonika web interface for device management. At the top, there is a navigation bar with icons for Devices, Tasks, Groups, Files, Companies, and Users. Below this, the 'Devices' section is active, showing a search bar with the IMEI '867648041603208' and a dropdown menu for 'Devices dashboard'. A table lists the device details:

Info	IMEI	Description	Model	Firmware	Serial No.	Company	Group	Status name	Seen at	Updated at
<input type="checkbox"/>	867648041603208	-	FMC640	01.00.02.Rev.00	0	Teltonika	-	Inactive	2020-10-30 12:43:26	2021-04-27 08:53:08

Below the table, it indicates 'Total devices 1'. To the right of the table, a detailed view for the selected device 'FMC640' (IMEI: 867648041603208) is shown. It includes a 'Device tasks' section, a 'FILTER BY' section (Company: Teltonika), and a 'CHANGES' section for 'Firmware' with a timestamp of '2020-10-08 17:07:33'. The firmware change is listed as 'Unknown → 01.00.02.Rev.00'. An image of the FMC640 device is also visible.

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"):