

Template:FMB209 First start card



Small and professional water-resistant tracker with internal high gain GNSS/GSM antennas, Bluetooth®, RS232 data transmission and high-capacity internal Li-ion battery. The device is certified to meet European and Indian standards by the Automotive Research Association of India (ARAI).



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How to insert Micro-SIM card and connect the battery

1. **Unscrew** 6 screws counterclockwise that are located on the **bottom** of the FMB209 device.
2. Remove the **cover**.
3. Insert **Micro-SIM** card as shown with **PIN request disabled** or read [Security info](#) how to enter it later in [Teltonika Configurator](#). Make sure that Micro-SIM card **cut-off corner** is pointing forward to slot.
4. Connect **battery** as shown to device.
5. After **configuration**, see "[PC Connection \(Windows\)](#)", attach device **cover** back and **screw** in all screws.











Device is ready to be mounted.



Micro-SIM card insertion/removal must be performed when device is powered off -

- external voltage and internal battery disconnected. Otherwise Micro-SIM card might be damaged or device will not detect it.**

Cable colors

| PIN NUMBER | PIN NAME | DESCRIPTION | | |
|---------------------|---------------------|---|----------------------|---|
| Red | VCC (10-30)V DC (+) | Power supply (+10...30 V DC) | +10...30 V DC |  |
| Black | GND (-) | Ground | GND |  |
| Yellow | DIN 1 | Digital input, channel 1 | DIN1 |  |
| White/Green | DIN 2 | Digital input, channel 2 | DIN2 |  |
| White | DOUT 1 | Digital Output Channel 1 | DOUT1 |  |
| Grey | AIN 1/DIN 3 | Analog input, channel 1. Input range: 0-30 V DC/Digital input channel 3 | AIN1/DIN3 |  |
| White/Orange | RS232-TX | Output for data transmission through RS-232 | RS232-TX |  |
| Violet | RS232-RX | Input for data reception through RS-232 | RS232-RX |  |
| Green | AIN 2/DIN 4 | Analog input, channel 2. Input range: 0-30 V DC/Digital input channel 4 | AIN2/DIN4 |  |
| Blue | DOUT 2 | Digital output 2 | DOUT2 |  |