

Testing results

FM device: **FMC650** 1-wire device model: **EC-19521**, **TC-261048** and **DC-51145**.

Decoding:

1. After you connect 1-wire device open Teltonika configurator and go to I/O settings.
2. In I/O settings find iButton (you will have to check for current value)
3. Take your 1-wire device and enter any ID/PIN (for example: 123456) and press the star(*).
4. After you have entered your ID/PIN, coded value should be visible in iButtons current value section (0x0140E2010000009E)

5. DATA received:

0140E2010000009E

01 – iButton protocol family ID

9E – CRC

40E201000000 – iButton value

6. Change to reverse byte order:

00 00 00 01 E2 40

7. Decode HEX to DEC:

123456