

FTC921 Mobile network

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Mobile data settings

SIM 1 mobile data

ID ☒

APN ⓘ

banga

ID

APN username ⓘ

Not set

ID

APN password ⓘ

Not set

ID

Authentication type ⓘ

PAP APN Authentication

ID ▼

These settings define the main parameters for FTC921.

APN:

- Access point name, a mandatory parameter which is used to connect to the internet (GPRS). Access Point Name is the name of a gateway between a mobile operator and the public internet. It can be obtained from your SIM card provider.

APN Username:

- Access point name username (optional – depending on operator)

APN Password:

- Access point name password (optional – depending on operator).

Authentication type:

- Some operators use a specific type of authentication for GPRS sessions – CHAP or PAP. If any of these is used, APN should be entered as "chap:<APN>" or "pap:<APN>" respectively e.g. if the operator is using APN "internet" with CHAP authentication, it should be entered as "chap:internet". Information about APN and authentication type should be provided by your GSM operator.

Auto APN search



This feature allows the device to select the correct APN automatically, if the APN settings are present in the APN list file. After the tracker turns ON it will automatically search APN settings depending on the inserted SIM card. Note: Not all APN configurations are added to the [APN list file](#)

Server settings

Primary server settings

Your primary server settings configuration where the device is sending records to. Change the server address domain, port, and protocol.

Domain ⓘ

DNS or IP, e.g.: example.com or 1.1.1.1

ID

Port ⓘ

0

ID

Data protocol ⓘ

TCP

ID ▼

Domain:

- Server or Domain address, can be written either IP address or Domain.

Port:

- Server Port

Data protocol

- TCP (Transmission control protocol) or UDP (User datagram protocol). Changing this parameter will alter how the device communication protocol. More information on the protocol differences for Teltonika devices can be found [here](#)

Server communication settings

**Open link timeout (s)**

- The parameter is used to define a timeout between the fleet management device and the server. If the device has sent all records, device holds the link for duration of the configured timeout. "Open link timeout" will refresh after device sends a new record. If there is a need to keep a constant link with a server, increasing the value of the parameter is needed.

Response timeout (s)

- Is used to set a period of time waiting for the response from the server-side. If there is no response from the server during the timeout, the device will close the link and according to device configuration resend the same packet

Keep-alive ping timeout (s)

- enables network ping after timeout to prevent link close by operator. For example, if the operator closes the active link after 15 minutes when no data is sent, you can set the "network ping" timeout to 10 minutes then the device sends a 0xFF byte to server to keep the link open. Keep-alive ping timeout should be always lower than Open Link Timeout.

FOTA Web settings

FOTA WEB settings

ID ☒

Enable or disable the FOTA WEB functionality. When functionality is enabled, the device will communicate with FOTA WEB cloud-based application depending on the configuration settings. Change the server address domain, port, and how often the device connects to the FOTA WEB.

Domain ⓘ

fm.teltonika.lt

ID

Port ⓘ

5005

ID

Pinger port ⓘ

5055

ID

domain

- Domain which points to FOTA Web.

Port

- FOTA Web port for connection to FOTA Web

Pinger port

- FOTA Web pinger port