

ADAS Integration on platfroms

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ADAS on Wialon platform

Our devices are supported by many third-party platforms however, currently only one platform, Wialon supports our advanced driver safety system [ADAS](#).

In this chapter, we will show you how to configure the device and also how to configure the Wialon platform for receiving information from ADAS.

Device configuration

Step 1

Enable codec 8 extended.



Step 2

Configure Domain and Port for the device to send data to the Wialon. This information you will find then you register the device in Wialon

The screenshot shows a 'Server Settings' window with the following fields and options:

- Domain:** An empty text input field.
- Port:** A dropdown menu currently showing '8'.
- Protocol:** Two buttons: 'TCP' (highlighted in blue) and 'UDP' (grey).
- TLS Encryption:** Two buttons: 'None' (highlighted in blue) and 'TLS/DTLS' (grey).

Step 3

Go to RS232/RS485 and enable ADAS in order for the configurator to open additional settings.



Configure the ADAS image sending and camera settings for your needs in the ADAS window which opens after selecting ADAS in RS232 input.



Step 4

Go to I/O element and select required or desired parameter priority to Low.



Step 5

ADAS server settings will be different:

Domain: Will be the same as from Wialon for the device

Port: 22297



Wialon configuration

Step 1

Login into Wialon and go to the Units and select New.

Configure the device and activate ADAS device according to the GIF.

Note: You must enter device IMEI in "Unique ID" to identify device in Wialon platform.

✕
New unit

General
Access
Icon
Advanced
Sensors
Custom fields
Unit groups
Commands
Eco driving

Profile
Trip detector
Service intervals

Name: *

Unit type:

▼

Device type: *

▼

🔗 Teltonika FMC125
Teltonika FMB920
Teltonika TAT100

Unique ID:

Phone number:

Password:

Creator:

academyiot ▼

Account:

Mileage counter:

GPS ▼

Current value:

km
 Auto

Engine hours counter:

Engine ignition sensor ▼

Current value:

h
 Auto

GPRS traffic counter:

Reset counter

Current value:

KB
 Auto

Export to file

⚠

Cancel

OK

Step 2

Setting the command to request a photo.

Go to "Units tab" and push on "wrench" icon.

Now select "Commands" and press new.

Then you should press "New" button to call out new window.

You'll need to create the name of the command and select the command type according to the GIF.

After that press ok and the command will appear.

Unit Properties – MFMB640-ADAS
✕

General

Access

Icon

Advanced

Sensors

Custom Fields

Unit Groups

Commands

Eco Driving

Profile

Trip Detector

Service Intervals

Name: *

Unit type: ✕ ▾ Specify the [vehicle type!](#)

Device type: * 🔍 Teltonika FMT100 Teltonika FMB640 TR06

Server address: 🌐

Unique ID:

Phone number:

Password:

Creator: ▾

Account:

Mileage counter: ▾ Current value: km Auto

Engine hours counter: ▾ Current value: h Auto

GPRS traffic counter: Current value: KB Auto

Step 3

After the command was created, you should to go to the "Monitoring" tab, select needed device and press the arrow and select GPRS command.

After that you will see new window opened and a message where command was sent. A few more replies will be received with information that a photo was found and will be downloaded. Once the photo is downloaded, a notification icon will appear on the bottom-right corner, once clicked, the downloaded photo will appear on the screen.