https://wiki.teltonika-gps.com/view/ADAS_Integration_on_platfroms

ADAS Integration on platfroms

<u>Main Page</u> > <u>Video Solutions</u> > <u>Teltonika ADAS</u> > **ADAS Integration on platfroms** □

Contents

- <u>1 ADAS on Wialon platform</u>
- <u>2 Device configuration</u>
- <u>3 Wialon configuration</u>
- ADAS on 3D Tracking (only I/O elements)

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 <u>ADAS</u>.

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

Domain	
Port	d ≎
Protocol	
ТСР	UDP
TLS Encryption	
None	TLS/DTLS

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 A	ccess	Icon	Advanced	Sensors	Custom fields	Unit groups	Соп	nmands	Eco driving	
Profile Trij	p detect	tor Se	rvice intervals	i						
Name: * New unit										
Unit type:										
Device type: *	Device type: * Teltonika FMC125 Teltonika FMB920 Teltonika TAT100									
Unique ID:										
Phone number:										
Password:										
Creator:	acader	myiot	~							
Account:										
Mileage counter:		GPS		~ Current val	ue: 0	kr	n 🗆	Auto		
Engine hours counter: Engine ignition sensor			~ Current val	ue: 0	h		Auto			
GPRS traffic counter: Reset counter			Current val	ue: 0	0 KB] Auto		
Export to file	•							Cance		
Export to nit	•							Carree		

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 A	ccess	Icon	Advance	ed	Sensors	Custom Fiel	lds L	Jnit Groups		Соп	nmands	Eco D	riving	
Profile Trip	p Detec	tor Se	ervice Interv	als										
Name: * MFMB640-ADAS]										
Unit type:	Vehicle × ~			Specify the vehicle type!										
Device type: *	pe: * Teltonika FMB640			Teltonika FMT100 Teltonika FMB640 TR06										
Server address: nl.gpsgsm.org:21756			P											
Unique ID:	ique ID: 352093088892905													
Phone number:	Phone number:													
Password:]										
Creator:	academyiot ~]										
Account:	teltonika_free]										
Mileage counter: GPS			~	Current val	ue: 6			km	 Image: A start of the start of	Auto				
Engine hours counter: Engine ignition sensor		~	Current valu	ue: 0			h	~	Auto					
GPRS traffic counter: Reset Counter				Current valu	ue: 125			KB	✓	Auto				
Restore Properties Export to File											Cance	I	ОК	

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.

🔰 🗘 ພາລາດດ	📶 Dashboard 😚 Monitoring 🏁 T	fracks 🗏 Messages 🕍 Reports 🗘 Geofences 🖄 Routes 😸 Drivers 😽 Trailers 侯 Passengers 🕑 Jobs 🕜 Notifications 🕬 Video 🐰 Users 🙀 Units	edgar_tes
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ADASfmc64 Ukmergés g., 12	0, Vilnius, Lithua 💠 😑 💵 🔹 🕤 🗙		
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Ukmeraés a., 120. Vilniu	s. Lithuania	+	
	517040445	139 137	
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Connectivity settings:			
Device type: Teltonika FM	2640		S. I.
Unique ID: 867648040105	064		
Parameters:			A Situation
event_io_id: 0	gsm: 5	2 ⁰ Settende	
hdop: 0.6	io_1:0	126	
io_181: 8	io_182: 6		A F.
io_200: 0	io_21:5		
io_22: 1	io_239: 1		
io_24: 0	io_240: 1		
io_243: 1	io_247: 1	ADASfmc64	
io_249: 0	io_251: 3		
io_600: 0	io_601: 0		
io_602: 0	io_603: 0		
io_604: 0	io_605: 3	78	
io_606: 3	io_607: 0		
io_608: 0	io_609: 0		+ LVOVO a
io_610: 3	io_611: 3		
io_612: 3	io_613: 3	⁷⁴ 374	
io_614: 3	io_615: 2		
io_616: 0	io_617: 65280	Satisfield	
io_618: 65152	io_619: 3		
io_620: 0	io_621: 255		
io_66: 14039	lo_665: 0		1 1
io_666: 2	io_67: 0		
io_68: 0	io_71: 3		
pdop: 0.8	prior: 0		
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text: File downloaded, star	ting unload total io: 37		
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