

ALL-CAN300

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[ALL-CAN300](#) is designed to acquire [CAN Bus](#) data from:

- Light vehicles (including electric cars)
- Trucks
- Buses and coaches
- Agriculture transport
- Special transport (Utility, Forest, Construction machinery)

The communication network can provide a wide range of data that can be used to reduce running costs, improve driver safety, streamline maintenance processes, and support environmental responsibility.



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Supported vehicles features*

CAN bus data

1. Total fuel consumption
2. Fuel level (Dashboard) — Fuel level - percent or Fuel level - Liters
3. Vehicle mileage — Vehicle mileage from dashboard or Vehicle mileage counted (from adapter installation)
4. Door status — Front left door, Front right door, Rear right door, Rear left door, Trunk cover, Engine cover (hood)

5. Engine speed (RPM)
6. Oil pressure/level status
7. Engine temperature
8. Vehicle speed
9. Accelerator pedal position
10. VIN number (Only available using FMB140+ALLCAN300 hardware option)
11. Lights status (Parking, Dipped, Full beam, Front/Rear fog lights)
12. [CNG](#) level
13. Total [CNG](#) consumption
14. Engine is working on [CNG](#) status
15. AdBlue level (Dashboard)
16. Webasto
17. SIMPLE TACHO
18. Seat belt status (Driver's seat belt, Passenger's set belt)
19. Check engine, Lights failure, Low tire pressure... statuses
20. AND MORE...

Electric vehicles CAN bus data

1. Charging cable status
2. Charging status
3. Battery level
4. Vehicle range on battery
5. Battery temperature

Trucks, Buses, Agriculture and Special transport CAN bus data

1. Axles loads
2. Harvesting time
3. Harvested area
4. Grain mown volume
5. Grain moisture
6. Harvesting drum RPM
7. Mowing status
8. Threshing status
9. Joystick status
10. Light signal turned on status
11. Grain tank status
12. Hydraulic status
13. Sprinkling status
14. AND MORE...

* Number of parameters depends on vehicle model, year and equipment.

Supported vehicles list

ALL-CAN300 supported vehicle list:

- To download the xlsx version of supported vehicle list for ALL-CAN300, [click here](#).

Technical features

PARAMETER	VALUE				Unit
	Minimum	Typical	Typical	Maximum	
Supply Voltage					
Supply Voltage (Recommended Operating Conditions)	+9	+12	+24	+63,5	V
Current Consumption					
Working Mode		23,5	11,5		mA
Sleep Mode		0,4	0,33		mA
Operating Temperature					
Operating Temperature	-40			+85	°C

Adapter changes

Manufacture date	Software date	Program No. digits	Program No. in connection scheme	Changes
>= 2018-01-01	>= 2018-01-01	5	XXXX → XXXXX	<ul style="list-style-type: none"> • New Program numbers consist of 5 digits. • Digit "1" was added in front of existing Program numbers. For example 1882 → 11882. • The screw is moved by 0,5 cm compared to previous model.
<2018-01-01	>= 2017-09-01	4	XXX → XXXX	<ul style="list-style-type: none"> • New Program numbers consist of 4 digits. • Digit "1" was added in front of existing Program numbers. For example: 882 → 1882.
	< 2017-09-01	3	XXX	

Memberships

- [WEEE](#)

Nomenclature, classification codes

- [ALL-CAN300 LITAR](#)
- [ALL-CAN300 RoHS](#)
- [ALL-CAN300 ECCN](#)

FAQ

- How to connect ALL-CAN300 to:
 - [FMB110](#)
 - [FMB120](#)
 - [FMB122](#)
 - [FMB125](#)
 - [FMB130](#)
 - [FMB640](#)
 - [FMU125](#)
 - [FMU126](#)
 - [FMU130](#)
 - [FMC125](#)
 - [FMC130](#)
 - [FMC640](#)
 - [FMM125](#)
 - [FMM130](#)
 - [FMM640](#)

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- How to connect ALL-CAN300 to EOL products:
 - [FMA110](#)
 - [FMA120](#)
 - [FMB630](#)
 - [FM6300](#)
 - [FM6320](#)
 - [FM36M1](#)
 - [FM3622](#)
 - [FM3612](#)

- [Troubleshooting LV-CAN200, ALL-CAN300, CAN-CONTROL](#)
- [Connection scheme shows the use of a resistor. What power resistor should I choose?](#)
- [Connection scheme shows two CAN wires of the same color connected to one connector](#)
- [How to capture CAN adapter log from FMX1YX?](#)
- [How to capture CAN adapter log from FM device?](#)
- [How to update CAN adapter Over The Air](#)
- [Immobilizing and locking issues using CAN-Control with Immobilizer](#)
- [CAN adapter supported vehicles](#)
- [What to do if the FM device shows old program number instead of new configured one?](#)

YouTube

Product Change Notifications


[ALL-CAN300 Product Change Notifications](#)

Promotional Material

[ALL-CAN300 Promotional Material](#)

Downloads

Manual & Documentation

 [ALL-CAN300 Datasheet \(EN\)](#) (Updated on: 2023-07-03)

 [CAN Adapters flyer \(EN\)](#) (Updated on: 2023-06-22)

External Links

<https://teltonika-gps.com/product/all-can300/>