

# 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	
<b>Supply Voltage</b>					
Supply Voltage (Recommended Operating Conditions)	+9	+12	+24	+63,5	V
<b>Current Consumption</b>					
Working Mode		23,5	11,5		mA
Sleep Mode		0,4	0,33		mA
<b>Operating Temperature</b>					
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"> <li>• New Program numbers consist of 5 digits.</li> <li>• Digit "1" was added in front of existing Program numbers. For example 1882 → 11882.</li> <li>• The screw is moved by 0,5 cm compared to previous model.</li> </ul>
<2018-01-01	>= 2017-09-01	4	XXX → XXXX	<ul style="list-style-type: none"> <li>• New Program numbers consist of 4 digits.</li> <li>• Digit "1" was added in front of existing Program numbers. For example: 882 → 1882.</li> </ul>
	< 2017-09-01	3	XXX	

## Memberships

- [WEEE](#)

## Certification & Approvals

- [ALL-CAN300 RoHS](#)

# Nomenclature, classification codes

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

## Additional information

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

For EOL policy please refer to link [here](#).