

ECAN01

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This Product is started transition to EOL.

- **Last Order date: 20 October 2023**
- **End of Production date: 22 January 2024**
- **End of Support date: 22 July 2024**

[ECAN01](#) is contactless adapter used to read vehicle [CAN Bus](#) data. [ECAN01](#) adapter should be used in combination with:

- [LV-CAN200](#)
- [ALL-CAN300](#)
- [FMB140](#)
- [FMB640](#), [FMB630](#), [FM6320](#), [FM6300](#) to read [J1939](#) CAN data.

It reads can-bus data through the isolation of wires without damaging them and forwards signals to the tracking device.



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Features

- ECAN01 collects vehicle data from CAN bus without damaging the wires
- Powered from an on-board power source
- Reads the signals through the isolation of CAN bus wires
- Easy to install and operate

Technical features

PARAMETER	VALUE				Unit
	Minim um	Typica l	Typica l	Maxim um	
Supply Voltage					
Supply Voltage (Recommended Operating Conditions)	+10	+12	+24	+30	V
Current Consumption					
Working Mode		6.9			mA
Sleep Mode		1.2			mA
Operating Temperature					
Operating Temperature	-25			+85	°C
Protection					
Internal resettable fuse (max 33 V)			750		mA

- Dimensions 39.8 x 18 x 16.7 mm
- CAN-BUS speeds up to 500 kb/s
- Fuse is protecting devices from high current peaks. If the voltage exceeds 33V (i.e. 35V) then protection diode stabilizes device voltage to 33V and the current value will increase accordingly.

Pinout

PIN NUMBER	PIN NAME	DESCRIPTION
1	CAN L	(Blue) Connect to CAN L input of CAN BUS converter
2	CAN H	(White/Blue) Connect to CAN H input of CAN BUS converter
3	VCC	(RED) Power supply (10-30) V DC (+)
4	GND (-)	(Black) Ground wire (10-30) V DC (-)



Wiring scheme



Set up ECAN01

1. Gently open ECAN01 cover using plastic pry tool from both sides
2. Insert CAN wires as shown in figure 2. Please make sure that correct slots are used (CAN High/CAN Low)
3. Gently close the device.
4. Device is ready-to-use.



Certification & Approvals

- [ECAN01 E-Mark](#)

Memberships

- [WEEE](#)

Nomenclature, classification codes

- [ECAN01 LITAR](#)
- [ECAN01 EAN](#)
- [ECAN01 HS](#)

FAQ

- How to install SIMPLE-CAN with [LV-CAN200/ALL-CAN300](#) using:
- [FMB110](#)
- [FMB120](#)
- [FMB122](#)
- [FMB125](#)
- [FMB110](#)
- [FMA120](#)
- [FMB630](#)
- [FMB640](#)
- [FM6300](#)
- [FM6320](#)
- [FM36M1](#)
- [FM3622](#)
- [FM3612](#)

Product Change Notifications

[ECAN01 Product Change Notifications](#)

YouTube

[Teltonika CAN adapters Part 1: Introduction](#)

[Teltonika CAN adapters Part 2: Installation](#)

Promotional Material

[ECAN01 Promotional Material](#)

Downloads

Manual & Documentation

 [ECAN01 Datasheet \(EN\)](#) (Updated on: 2023-07-03)

 [ECAN01 vs ECAN02 flyer](#) (Updated on: 2023-06-22)

External Links

[ECAN01 Teltonika](#)