

ACR100 User manual

Version 1.01



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ACR100 General Description

The ACR100 CAN Click allows you to read data from a vehicle's CAN bus without breaking wires. It provides a safe, reliable, and fast connection that does not void the vehicle's warranty.

The ACR100 Contactless Reader is a universal CAN bus reader that works with light vehicles, trucks, and machinery. It is compatible with any Telematics unit that supports CAN bus reading.

ACR100 Operating Condition

Operating temperature specifications for the ACR100 module.

NO	Type operation	Specification	Unit
1	Temperature	-20~ +80	°C

ACR100 Power Connection

Power supply specifications and current consumption for the ACR100 module.

NO	Type	Specification	Unit	Condition
1	Power Voltage (Vin)	8-32	V(DC)	
2	Standby Current	<=12	mA	Vin=12VDC
3	Work mode current	<=30	mA	Speed=125k

ACR100 Installation

ACR100 4Pin Interface defined:

ACR100	Pin No	Pin names	Color	Description
4 Pin Interface	1	VDD	Red	ACR100 power support 8V~32V
	2	GND	Black	Ground
	3	CAN_H	Yellow	CAN High data line
	4	CAN_L	Green	CAN Low data line

Note:

Please note that ACR100 only transmits the CAN signal between the vehicle's CAN bus lines and a compatible telematics or GPS tracking unit. It does not process or store data itself and must be used together with a device capable of reading CAN bus data.

Can Click should be mounted on twisted pairs that connect CAN bus devices in the car. Connecting on wires close to OBD II connector may cause data read problems.

