

In-vehicle Telematics Module

GLM1908TB product specification

Please read this manual carefully before using the product and keep it properly.

Important safety information

- Please read this instruction before using the equipment
- Please keep these instructions
- Please notice all warnings
- Please follow all instructions
- Please ensure the cables are not trampled or squeezed, especially the connection point between the harness and the equipment
- Please use the attachment specified by the supplier.
- Any damage of the device, it must be repaired by professional maintenance personnel in time.
- The product must be installed by authorized personnel.

Warning

The sign marks important instructions. Lack of attention may result in serious injury or death.

- Forbid to plunge the equipment into fire.
- Avoid the equipment wet or rained.
- Forbid to remove or refit.
- Must be used in 12V automotive voltage

Notice

The sign marks notice instructions. Lack of attention may result in personal injury or product damage.

- If there is any problem, please stop using it immediately. Otherwise it may cause personal injury or damage to the product
- Replacement with the wrong type of battery is a risk of explosion. Be sure to dispose the used battery according to the instructions.
- Please send the product back to the authorized distributor or service center for repair.

Function description

- Data collection: Support 10H CAN data acquisition channel according to OEM
- Data report: Report the real time data of the vehicle periodically for normal working conditions.
- Warning information: Forward alarm information based on OEM requirements.
- Remote control: Remote configure the parameters abide by local standard, support OEM to customize remote control interface.
- Remote inquiry: Support OEM to customize remote control interface, the functions include remote dashboard, journal log, and remote vehicle status inquiry.
- Power management: It is customized based on OEM normal power management.
- Software upgrade: Support local and remote(online) upgrade
- Vehicle localization : Support vehicle GPS information providing and tracking service based on OEM requirement.
- e-Call: Support make e-Call when an emergency event is triggered, either manually or automatically.

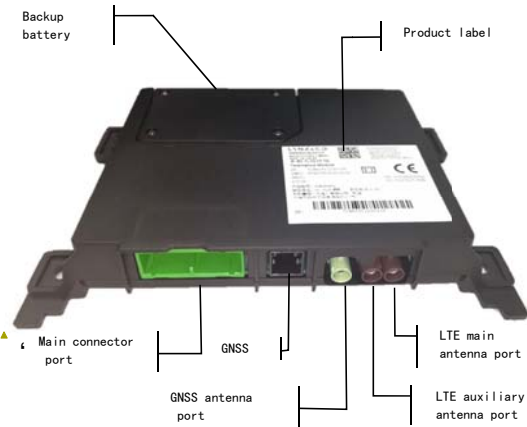
Parameters

category	Sub-classification	specification	unit
Power supply	Standby current	<=4.0	mA
	Max current	<=1000	mA

	Rated current	500	mA
	Rated voltage	DC+12	V
	Motion voltage range	9~16	V
	Rated power	6	W
Temperature	working temperature range	-40~85	°C
	battery working temperature range	0~50	°C
	storage temperature range	-40~85	°C
Electrical	CAN channel volume	1	-
	communication manner	4G(SIM card)	-
	carrier	KPN	-
	backup battery working duration	>10min(normal temperature)	min
Mechanical	dimension	183*128.4*28.5	mm
	weight	<300	g

Component list

- ☑ Electric vehicle monitoring terminal host 1 set



Picture 1 electric vehicle monitoring terminal

带格式的：字体：（默认）黑体，（中文）黑体，（国际）+中文正文（宋体）

Name and content labeling of toxic and harmful substances

Component name	Toxic substance or element					
	lead (Pb)	mercury (Hg)	cadmium (Cd)	hexavalent chromium (Cr (VI))	polybrominated biphenyls	PBDE

					(PBB)	
Circuit board component	×	○	○	○	○	○
shell component	×	○	○	○	○	○
attachment	×	○	○	○	○	○
○: Meaning the content of the toxic and harmful substance in the part is below the limitation specified in SJ/ T11363-2006 standard. ×: Meaning the content of the toxic and hazardous substance in the part exceeds the limitation specified in the SJ/ T11363-2006 standard. All parts marked with "X" are in compliance with the EU RoHS regulation (2002/95/ CE code) notice: The environmental protection service life depends on the product normal working temperature and humidity and other conditions.						

Legal and regulatory standards

DB31/T634—2012

statement: Due to continuous product updates, we reserve the right to make changes and modifications to our products without prior notice. Neusoft® is a registered trademark held by Neusoft. We reserve all rights. Counterfeiting will be prosecuted. All other designs belong to the owner.

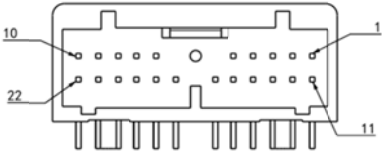
Product installment

This product only provides the monitoring terminal of the vehicle, and the connector on the side of the vehicle is the standard connector of vehicle regulation level. The installation location and mode are defined by the vehicle manufacturer.

Main connector PIN definition

Product operation

After the monitoring terminal of electric vehicle is connected with the vehicle, the terminal can automatically bind with the vehicle after the ignition, and report the monitoring data to the monitoring backend. Users can monitor the running condition of the vehicle by the operation of the backend website.



Pin No.	Name	Direction	Function
1	SOS Call Button	Ananlogue in	
2	SOS Call Diagnostic	Ananlogue out	
3	SOS Light	Ananlogue out	
4	B call Light	Ananlogue out	
5	Power_12V	Ananlogue in	+30 (permanent power)
6	Ground		Groud
7	NC	-	
8	NC	-	
9	Backup Speaker+	Ananlogue out	
10	Backup Speaker-	Ananlogue out	
11	CAN (-)	Ananlogue in/out	Body CAN low
12	CAN (+)	Ananlogue in/out	Body CAN high
13	OnCall Ground	Ananlogue out	
14	Backup Mic-signal	Ananlogue in	Connected to the shield of the coaxial cable
15	Backup Mic+signal	Ananlogue in	Microphone + signal and phantom feed-
16	NC		
17	Impact input trigger	Ananlogue in	Hardwired SRS impact input trigger
18	NC		
19	NC		
20	NC		
21	NC		
22	NC		

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Manufacturer: Neusoft Group (Dalian) co., LTD.
Address: No.901 Huangpu Road,Dalian China, 116085.
Manufacture: DAESUNG ELTEC(Qingdao)
Address: Qingdao, China
Version number: Ver1.00

FCC Warning
This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any inte rference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interferenceto radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- o Reorient or relocate the receiving antenna.
- o Increase the separation between the equipment and receiver.
- o Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- o Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.