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Neusoft GLM2037TDD Electric Vehicle Monitoring Terminal User Manual

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Neusoft GLM2037TDD Electric Vehicle Monitoring Terminal

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

- Forbid to plunge the equipment into fire.
- Avoid the equipment in wet or raining.
- Forbid remove or refit.
- Please use this product at 12V automotive voltage

Notice

The logo 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 2CH CAN data acquisition channel according to OEM
- **Data report: The** Data report period is 10 seconds in normal working situations, changes to 1 second in abnormal working situations.
- **Local storage:** Storage data time no less than 127 hours.
- **Warning information:** Forward alarm information based on OEM requirements.

- **Remote control**: Remotely configure the parameters to abide by local standards,and support OEM to customize the remote control interface.
- **Remote inquiry:** Support OEM to customize remote control interface, the functions include remote dashboard, driving log, remote vehicle status inquiry.
- **Power management** It is customized based on the OEM's normal power management.
- **Software upgrade** Support local and remote(online) upgrade
- **Vehicle localization:** support providing vehicle GPS information and tracking service based on OEM requirements.
- **EU e-Call:** Support makes EU e-Call when an emergency event is triggered, either manually or automatically,
- **Backup Battery:** To ensure functionality during loss of main power, the TELEMATICS MODULE has a rechargeable backup battery. If the main battery is cut off, the TELEMATICS MODULE switches to backup battery automatically. Under normal working conditions, the backup battery does not participate inpower supply, and will only be turned to the backup battery for power supply when the main power supply is cut off.The Backup Battery can support 10 min talk time + 60 min standby time + 10 min talk time in room temperature.

Parameters

category	Sub-classification	specification	unit
	Standby current	≦10.0	mA
	Max current	≦1000	mA
	Rated current	≦400	mA
	Rated voltage	DC+14	V
Power supply			

	Motion voltage range	8-16	V
	Rated power	4.8	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	2G/3G/4G/5G	–
	carrier		–
	backup battery working duration	More than 10min (-20°C~85°C)	min
mechanical	dimension	216*191*26	mm
	weight	<550	g

Component list

- Electric vehicle monitoring terminal host 1 set
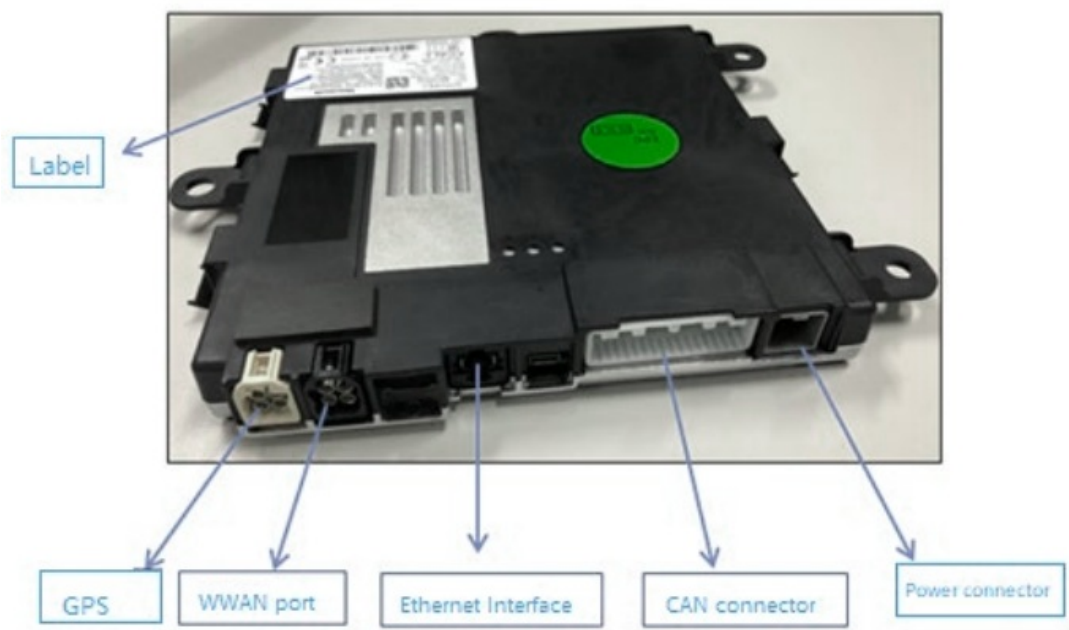
Picture 1   electric vehicle monitoring terminal

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 (PBB)	PBDE
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.

Product installment This product only provides the monitoring terminal of the electric 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
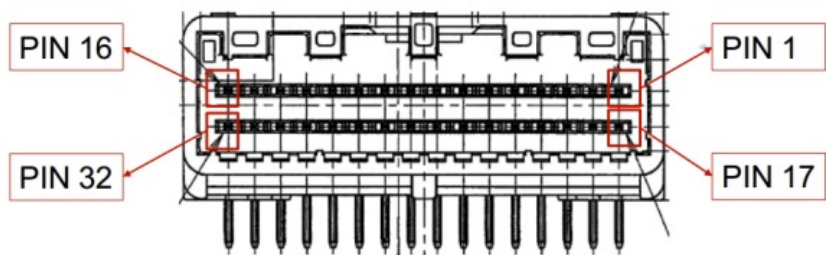
1	CAN1_L	CAN信号L
9	RKE Interface	贴装LIN
11	SOS_BCALL_BUTTON	按键信号
14	Speaker+	AMP输出+
15	Speaker-	AMP输出-
17	CAN1_H	CAN信号H
22	SRS	SRS信号
23	SOS_LED_G	LED输出
24	SOS_LED_R	LED输出
25	BCALL_LED_G	LED输出
26	BCALL_LED_R	LED输出
27	BCALL_BUTTON	按键信号
28	BTN GND	按键&LED地
30	MIC IN	MIC输入信号
31	MIC IN GND	MIC输入地

KL30-12V+; 2, KL31 — 12V-

图示	序号	名称	功能描述
	1	KL30	KL30
	2	UWB PWR OUT	UWB天线供电
	3	NA	备用电池输出-
	4	NA	备用电池输出+
	5	KL31	KL31
	6	UWB GND	GND
	7	NA	备用电池检测
	8	Emergency power	备用电源输入

接插件型号: MX34E08NFI
对手侧接插件型号: MX34E08SFI

V(Supplier:JAE)

5G RF connector PIN definition
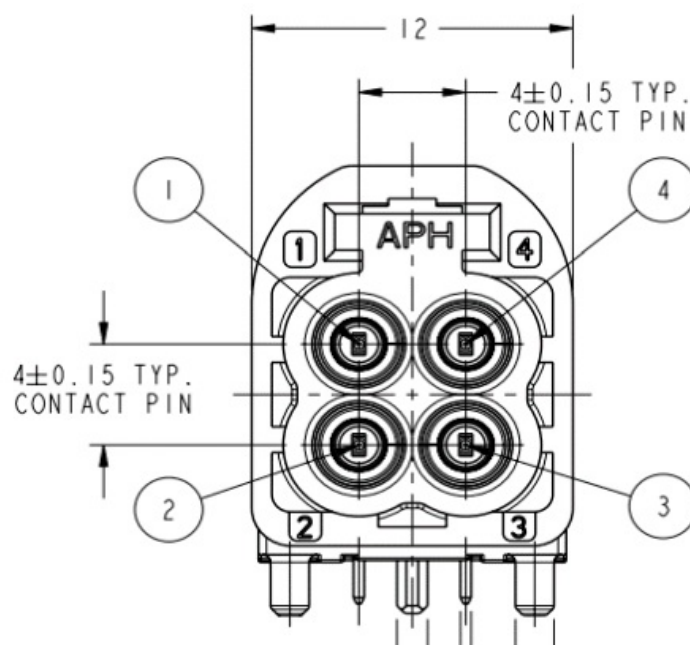
PIN	功能缩写	功能说明
1	ANT_DRX	5G 辅天线
2	ANT_PRX	5G 主天线
3	ANT_MIMO4	5G MIMO
4	ANT_MIMO3	5G MIMO

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.

FCC STATEMENT

RF Exposure Information and Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. 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 interference received, including interference that may cause undesired operation.

NOTE: Unauthorized modifications 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 interference to 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:

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

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

- **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

Frequently Asked Questions

Q: How long does the backup battery last?

A: The backup battery can support 10 minutes of talk time, 60 minutes of standby time, and another 10 minutes of talk time in room temperature conditions.

Q: What should I do if I encounter a problem with the product?

A: If you encounter any issues, stop using the product immediately and contact an authorized distributor or service center for repair.

Documents / Resources

	[Neusoft GLM2037TDD Electric Vehicle Monitoring Terminal](#) [[pdf](#)] User Manual GLM2037TDD, 2BGA3-GLM2037TDD, 2BGA3GLM2037TDD, GLM2037TDD Electric Vehicle Monitoring Terminal, GLM2037TDD, Electric Vehicle Monitoring Terminal, Monitoring Terminal, Terminal

References

- [User Manual](#)

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🏷 2BGA3-GLM2037TDD, 2BGA3GLM2037TDD, Electric Vehicle Monitoring Terminal, GLM2037TDD, GLM2037TDD Electric Vehicle Monitoring Terminal, Monitoring Terminal, Neusoft, Terminal

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