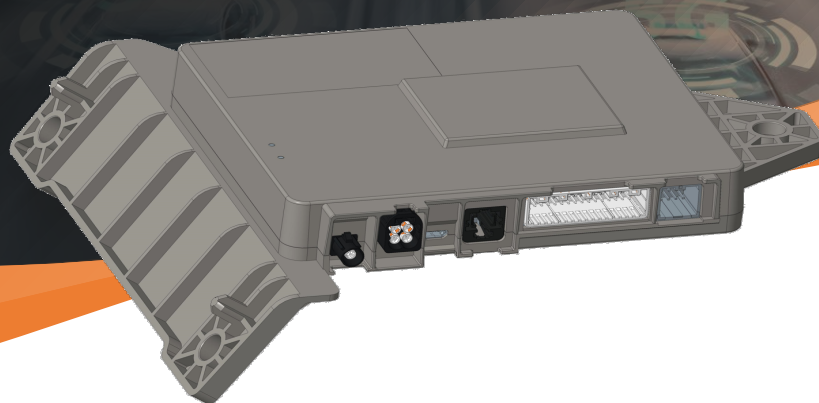




To become the world's leading provider of intelligent connected vehicle parts



GT573

LTE Cat.4 T-Box



The GT573 is a global 4G T-Box designed by GosuncnWelink for overseas markets, mainly targeting markets in Europe, North America, Latin America and Southeast Asia. It supports 100M Ethernet and EU ECALL, with an external 8G EMMC for data storage and upgrading. It has 1 LIN and 2 CAN channels, uses Qualcomm's GPS, is waterproof and dustproof with an IP50 rating, and has a built-in backup battery. The temperature requirement is -40 ° C to 85 ° C. The software includes functions such as remote control, remote diagnosis, big data uploading, OTA upgrade, emergency call, SOMEIP Ethernet communication, etc., which can meet the requirements of vehicle networking.

Product features



LTE Cat.4 T-Box



Remote Control



OTA upgrade



Vehicle Security



Vehicle status query



The log of Driving



Remote & Local Diagnostics



Two-way high-speed CAN bus read and write



USB Internet



Internal and external
4G antenna switching

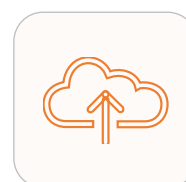
Application Scenario



In-vehicle Entertainment



Remote Control



In-vehicle Upgrade
(OTA)

Product parameters

General Feature

- Dimension: 151*134.2*28mm
- Weight: about 300 g
- Voltage Range: 9V~16V
- Working Current: 450mA Max
- Standby Current: 6mA Max
- Sleeping mode Current: < 200uA

Hardware Feature

- 2 -channel CAN
- GNSS
- Analog voice
- EMMC
- Provides UART and SPI 2 communication for MCU and Modem
- 1000mah Ni-h backup battery
- External and internal LTE antennas
- RKE
- 100M Ethernet

Network for EU

- LTE FDD:B1/B3/B7/B8/B20/B28
- LTE TDD:B38/B40
- WCDMA: B1/B8
- GSM: 900/1800 MHz

Hardware Interface

- Four in one antenna connector interface
- Power interface
- 32 PIN connector
- Ethernet interface

Diagnostic Function

- The information read by the diagnostic instrument to the T-box
- Parameter configuration of the diagnostic instrument to the T-box
- 25 kinds of CAN network communication fault code identification
- 20 kinds of T-Box hardware fault code identification

Software Feature

- Emergency call
- Remote Vehicle Diagnostics
- Provide network communication for vehicles
- Remote vehicle control
- Vehicle status report
- T-Box OTA upgrade and vehicle ECU upgrade
- Device log reporting
- Tire Pressure reporting

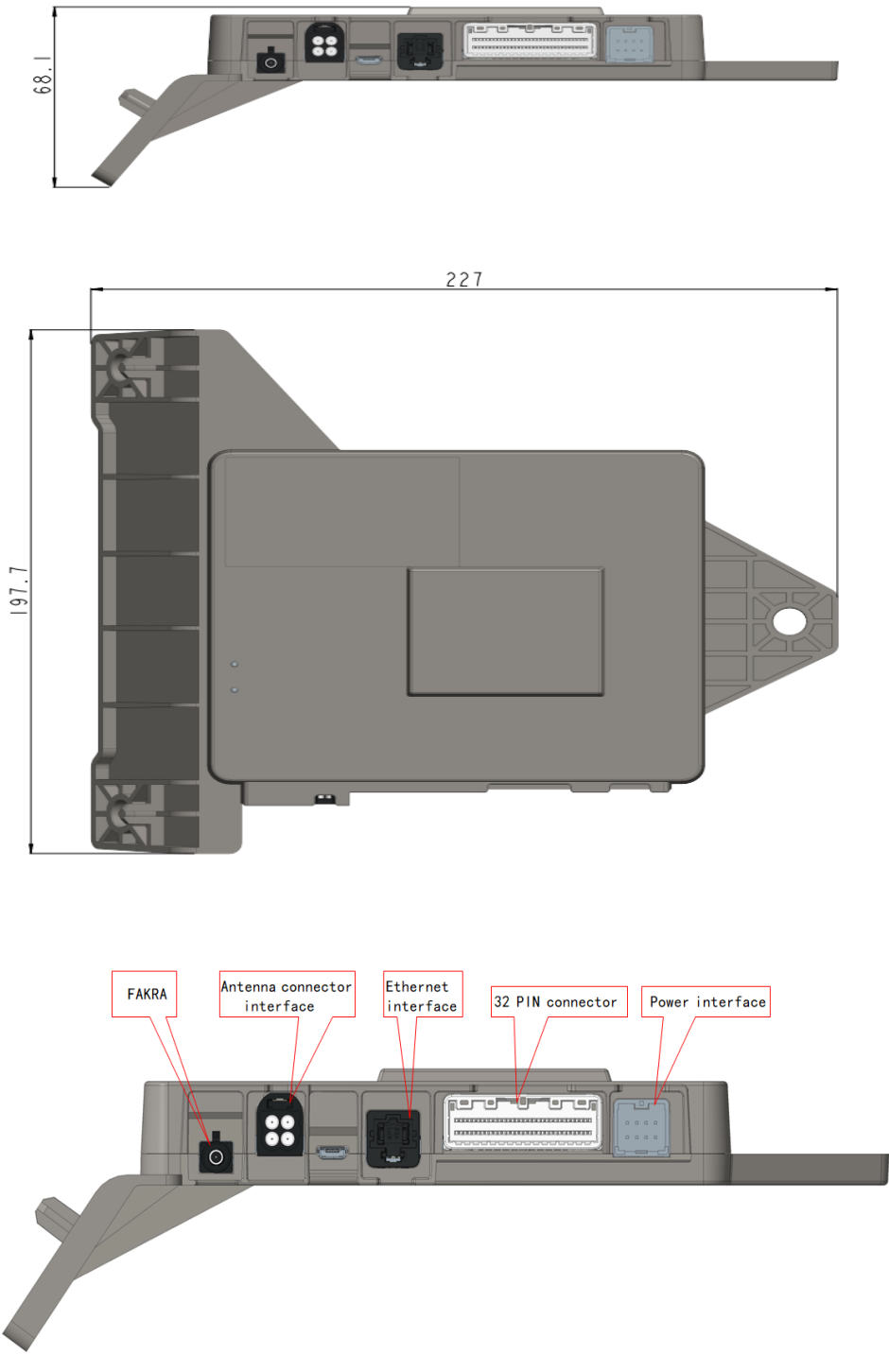
Network for FCC

- LTE FDD:B5/B7
- LTE TDD:B38
- WCDMA: B5

Certification

- CE/ROHS/Emark/REACH/FCC
- ecall(EU 2015/ 758)/ecall (EU UNECE R144)

▶▶ GT573 Hardware Interface Define



Note

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 interference received, including interference that may cause undesired operation.

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 & your body.

►► Note

EU Conformity Statement



This product is marked with "CE" and comply therefore with the applicable harmonized European standards listed under the Radio Equipment Directive 2014/53/EU.

RF Exposure Information

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Note

Frequency and Power: (For EU)

GSM900: 880MHz -915MHz: 35dBm

DCS1800:1710-1785MHz: 32dBm

WCDMA: Band I: 1920-1980MHz: 25dBm

Band VIII: 880-915MHz: 25dBm

LTE: Band 1: 1920MHz-1980MHz: 25dBm

Band 3: 1710MHz-1785MHz: 25dBm

Band 7: 2500MHz-2570MHz: 25dBm

Band 8: 880MHz-915MHz: 25dBm

Band 20: 832MHz-862MHz: 25dBm

Band 28: 703MHz-748MHz: 25dBm

Band 38: 2570MHz-2620MHz: 25dBm

Band 40: 2300MHz-2400MHz: 25dBm