

Intelligent Connecting Vehicle Terminal

Intelligent Connecting Vehicle Terminal (Telematics BOX) can read car CAN bus data and transmitting the data to the TSP server through 4G cellphone network. It is a key component of intelligent vehicles and can able to provide reliable features on driving safety, security, information, entertainment and other services.

Features

- ◆ Remote Control: Air conditioning, Seat heating control, Doors control and searching for vehicles.
- ◆ Vehicle status: Collecting vehicle data to the server, and the user APP displays information.
- ◆ Diagnostic upgrade: Supporting remote and local vehicle diagnosis and FOTA upgrades.
- ◆ Security encryption: Independent hardware encryption chip, supporting national encryption algorithms, higher security and reliability.

Specifications

Product Name	Intelligent Connecting Vehicle Terminal			
	Model Name	FLC-WNP26C	Dimension	140 (L) × 74.8 (W) × 27.5(H)mm
	Housing Material	PC/ABS	Body weight	< 380g
	Power Supply	DC 9 ~ 16V, Type 12V	IP Code	IP52
Processor	No SOC inside			
	RAM	256M	ROM	8GB
Interface	4G Antenna x2、GNSS Antenna x1、USB x1、CAN (CANFD) x1, Main Connector x1			
Power Consumption	≤1A@12V 25°C, Max 18W			
Environmental	Working Temperature	-40 ~ 85°C	Storage Temperature	-40 ~ 70°C
	Working Humidity	5 ~ 95%	Storage humidity	5 ~ 95%
Communication	LTE /WCDMA/GSM			
Communication Frequency	LTE B2/4/5/7/38/41; WCDMA B2/B4/B5; GSM 850/1900; GPS L1;			
Rate	LTE CAT4 DL			
WiFi/BLE	WiFi	Reserved	BLE*2	BLE 5.1
GNSS	Mode*1	GPS	Tracking sensitivity	-157dBm
	Acquisition sensitivity (Cold Start)	-144dBm	Acquisition sensitivity (Warm Start)	NO
Antenna	External Antenna	Main Antenna + Auxiliary Antenna	Internal Antenna	BLE

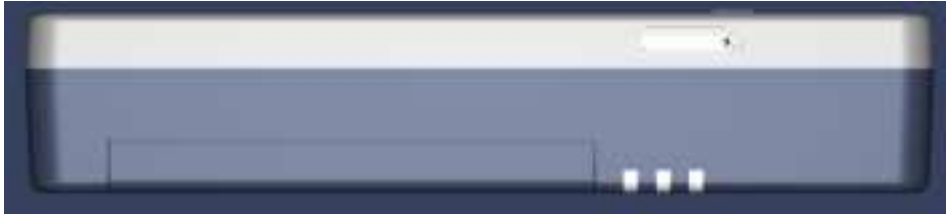
* 1 Each region has different configuration

*2 BLE is enabled by default, and the phone can search for pairing and connection easily.

Installation and use method

1. SIM card installation:

- 1) The after-sales staff will use the card pin to help remove the Nano SIM holder from the product body,
- 2) and then install the prepared Nano SIM into the Nano SIM holder,
- 3) and finally install it back into the product body.



2. The after-sales staff will connect the 40P Main harness, USB 2.0 harness, GNSS harness, LTE Main harness and LTE MIMO harness respectively with the 40P main connector, USB 2.0 connector, GNSS connector and LTE Main on the product connector, LTE MIMO connector connection.



3. After-sales personnel will use after-sales tools to write the VIN and activate the operation and learn the secret key of the product.

4. After wiring harness connection, activation and key learning are completed, the product will provide network and GPS positioning for the real car at this time. Various online applications can also be used in the central control of the real car, such as online weather query, weather query of the desired city, navigation function, and positioning data provided by the product; In addition, remote control car functions and digital key functions can be performed on the mobile APP, such as unlocking the lock, switching the air conditioner, searching the car, etc

Federal Communication Commission Interference Statement

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.

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 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.

FCC Caution:

- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
- This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FOR MOBILE DEVICE USAGE (>20cm/low power)

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 & your body.