GPS/BDS/LBS Tracker

Quick Installation Guide

Please read the quick installation and use guide carefully before you use it in order to get the correct quick operation use. Product appearance, colour and accessories are subject to change without notice!

*Please be sure to use the product legally, it is strictly prohibited to use it in illegal ways.

1. Basic Device Parameters

Content	Parameters
Dimensions	79*34*18mm
Satellite Support	GPS/BDS/LBS
Network Bands	850/900/1800/1900Mhz
GPS Chip	MTK High-precision Chip
GPS Sensitivity	-159 dBm
GPS Accuracy	2~10m
Operating Temperature	-20°C~+70°C
Humidity	15%~95%

2. Product Features

√ BDS/GPS+LBS Positioning   √ Electronic Fence

√ Track Playback   √ Mileage Statistics

√ Restart   √ Speeding Alarm

√ Power-off Alarm (Optional)   √ Remote Fuel/Power Cut-off (Optional)

√ SOS Alarm (Optional)   √ External Speaker (Optional)
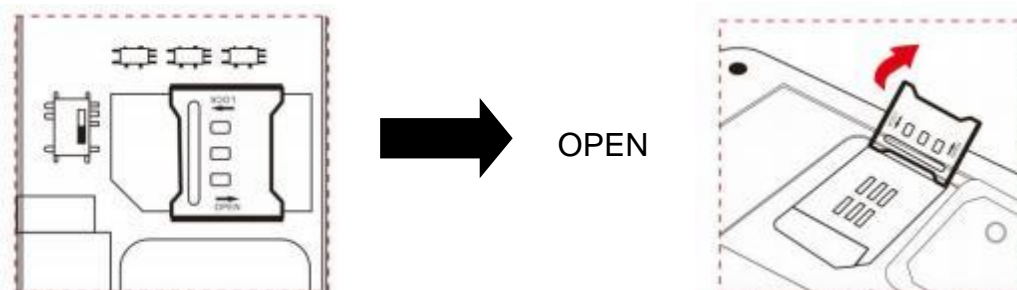
3. Installation Guide

*Note: Please conduct installations outdoors and consider engaging professional personnel or entities for installation

3.1 Wiring: Connect red wire to positive terminal of power supply,and black wire to negative terminal.
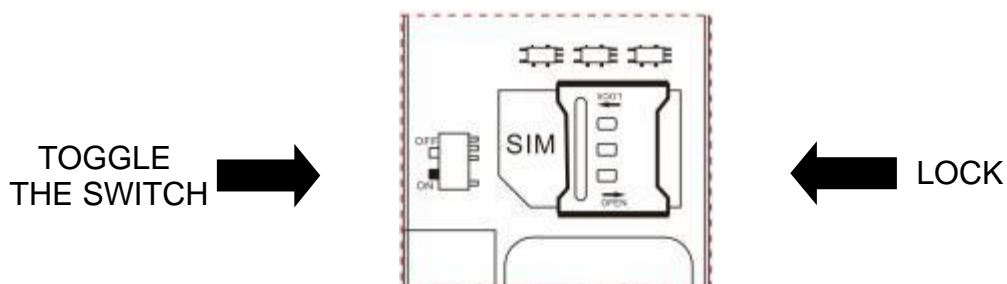
3.2 SIM Card Installation: Power off before inserting or removing SIM card.

3.2.1 Open the cover(slide panel to open card slot).

3.2.2 According to the instructions on the card cover, slide open the slidingpanel, flip up the SIM card holder (as shown).

OPEN

3.2.3 Insert the SIM card correctly and lock the card holder to the left.

TOGGLE THE SWITCH   LOCK

*Attention: If the selected device includes a battery,unauthorized removal will trigger battery-powered alarm alerts.Therefore,after disconnecting power,please power off thedevice or remove the card to prevent battery depletion.
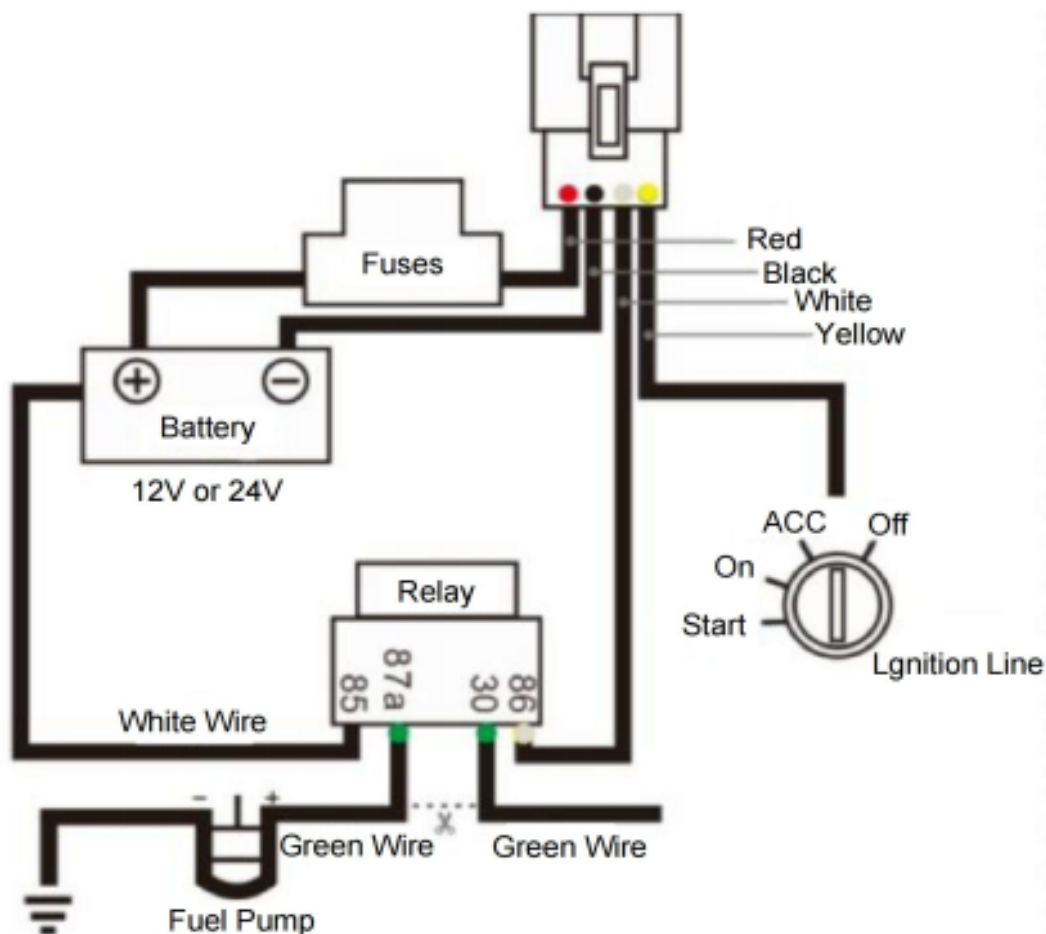
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3.3 Installation Wiring Diagram

Red wire connects to vehicle power supply positive terminal (mandatory)

Black wire connects to vehicle power supply negative terminal (mandatory)

Green wire connects to vehicle ACC ignition line (optional)

Yellow wire connects to fuel cut-off or power control line (optional: external relay required)

⚠️ Note:

The standard power supply for this device is 12V~24V DC. Please use the original power cable.The red wire is for the positive power connectionand the black wire is for the negative power connection. During installation, ensure the negative power connection is grounded separately or with grounding wire, and avoid common grounding with other circuits.

4. Indicator Light Instrutions

Colors	Meaning	Normal Operation	Abnormal Operation
Yellow	GSM Signal	Flashes once in 3 seconds	Solid on: GSM not connected
Blue	GPS Signal	Flashing	Solid on/Not Lit: Not positioned
Red	Power Signal	Solid on	Flashing: External power not connected

5. SMS Commands

Functions	SMS Commands
Restore Factory Settings Parameters	FACTORY#
Set Platform IP And Port	SERVER,1,IP,Port,0#
Vehicle Status Query	STATUS#

6. Platform Usage Instructions

6.1 Access the website service platform: www.gps2828.com

6.2 Download the mobile app client: 'Navigation Star' (supports installation on

Apple/Android systems)

6.3 Open the app and enter the login accoun (barcode number on the device)

6.4 Initial password: 123456 (you can change it after logging in)

7. Common Troubleshooting

When the operational terminal encounters the following issues, please refer to the troubleshooting solutions provided below. If you are unable to resolve the issue, please contact your sales or service provider.

Common Lssues	Fault Analysis	Solution
Poor Signal Reception	In densely populated high-rise areas or underground locations, radio waves may not propagate effectively	Please relocate to an area with good signal quality
Unable To Connect To Network	Resulting in weak signals	Please move to a location with strong signal strength
Unable To Locate	Installation in positions where satellite signals are shielded or significantly attenuated by metal can lead to inability to locate	Please relocate to an area with strong signal strength
Platform Shows OfflineIndicator Light Not On	Terminal main power supply anomalies/indicator light in sleep mode	Verify the power source and perform a manual reboot of the device
Platform Location Abnormal	Non-positioning, with delayed positioning data	Conduct outdoor testing or relocate the terminal to a new position