



DRAGON BRIDGE (SZ) TECH CO., LTD

Application :Rental cars, insurance cars, trucks, buses

Wireless Fleet management Solution Invator

GSM/GPRS/GPS Tracker

User Manuel

G-M900 4G



Contents

1. Product functions & Parameters	2
1.1 Product functions	2
1.2 Bands	2
2. Product Accessories and LED Indicators Status	2
2.1 Product accessories:	2
2.2 Device LED Indicators	2
3. Installation Instructions	2
3.1 Preparation before installation:	2
3.2 Installation	3
4. Wiring Precautions	4
5. SMS commands and Instructions:	5
6. App Operation	6
7. Possible Issues	6

1. Product functions & Parameters

1.1 | Product functions

ACC detection SOS emergency call Voice call Electronic fence, power failure alarm, vibration alarm, displacement alarm, location query, track playback, power failure

1.2 | Bands

LTE-FDD: B1, B2, B3, B4, B5,
 B7, B8, B12, B20, B28AB, B66
 LTE-TDD: B34, B38, B39, B40, B41
 GSM/2G GSM 850/900/1800/1900MHz

1.2.2 | Wide Voltage Input Range: +9-95VDC

1.2.3 | Positioning Time: Warm Start: Average \leq 2 seconds (Open Sky)

Cold Start: Average \leq 32 seconds (Open Sky)

1.2.4 | Device Dimensions: Subject to the real product

1.2.5 | Location Accuracy: \leq 30 meters

1.2.6 | Working Temp: -20°C to 55°C

PLEASE NOTE: Install and use this product under the voltage input range, if illegal installation, the user should take the responsibility themselves if any damage happened!

2. Product Accessories and LED Indicators Status

2.1 | Product accessories:

Standard: the device/ charging cable / quick installation user manual / double-sided stickers

Optional: micro-phone, SOS button, relay

2.2 | Device LED Indicators

2.2.1 Yellow LED (GSM signal)

Light status	Meaning
Slow flashes	GSM initialization
Quick flashes	Failed reading card
Light on	GPRS normal communication/online
off	GSM sleep/power off

2.2.2 | Blue LED (GPS signal)

Light status	Meaning
Slow flashes	GPS signal searching
Quick flashes	Failed on GPS Chip
on	GPS location complete
off	GPS sleep/power off

3. Installation Instructions

3.1 | Preparation before installation:

- 1, Open the box and check whether the device and the accessories are complete, otherwise please contact your dealer.
- 2, SIM card selection, the device works with standard SIM card, and support full Netcom band.

- 3, SIM card installation, there is a small back cover on one side of the terminal, push out the small back cover, pick up the metal cover of the SIM card slot, put the SIM card chip down into the card slot, and cover the metal cover of the card slot.

Note: (1) Before installing or removing the SIM card, please switch off the device;

(2) Should activate the GPRS function of the SIM card;

(3) Should activate the caller ID function; (activate or not according to the functions you chose.)

(4) If your SIM card required you to input the SIM PIN, please refer to your mobile phone user manual to turn off the SIM PIN function.

(5) Please ensure that the SIM card is valid.

3.2 | Installation

We recommend a hidden installation, and we suggest that you ask a professional organization designated by the dealer. Please note the following:

1, Hidden installation, pay attention to waterproof;

2, Do not put together with the launch source, such as reversing radar, anti-theft device or other in-vehicle communication equipment;

3, GSM antenna and GPRS antenna were built-in the device, make sure that the GPS receiving surface (GPS antenna surface without label) is upward (toward the sky), and there is no metal shielding on the top.

Recommended installation location:

(1) Inside the decorative frame under the front windshield of the car;

(2) Areas around the front dashboard of the car (non-metallic material surface);

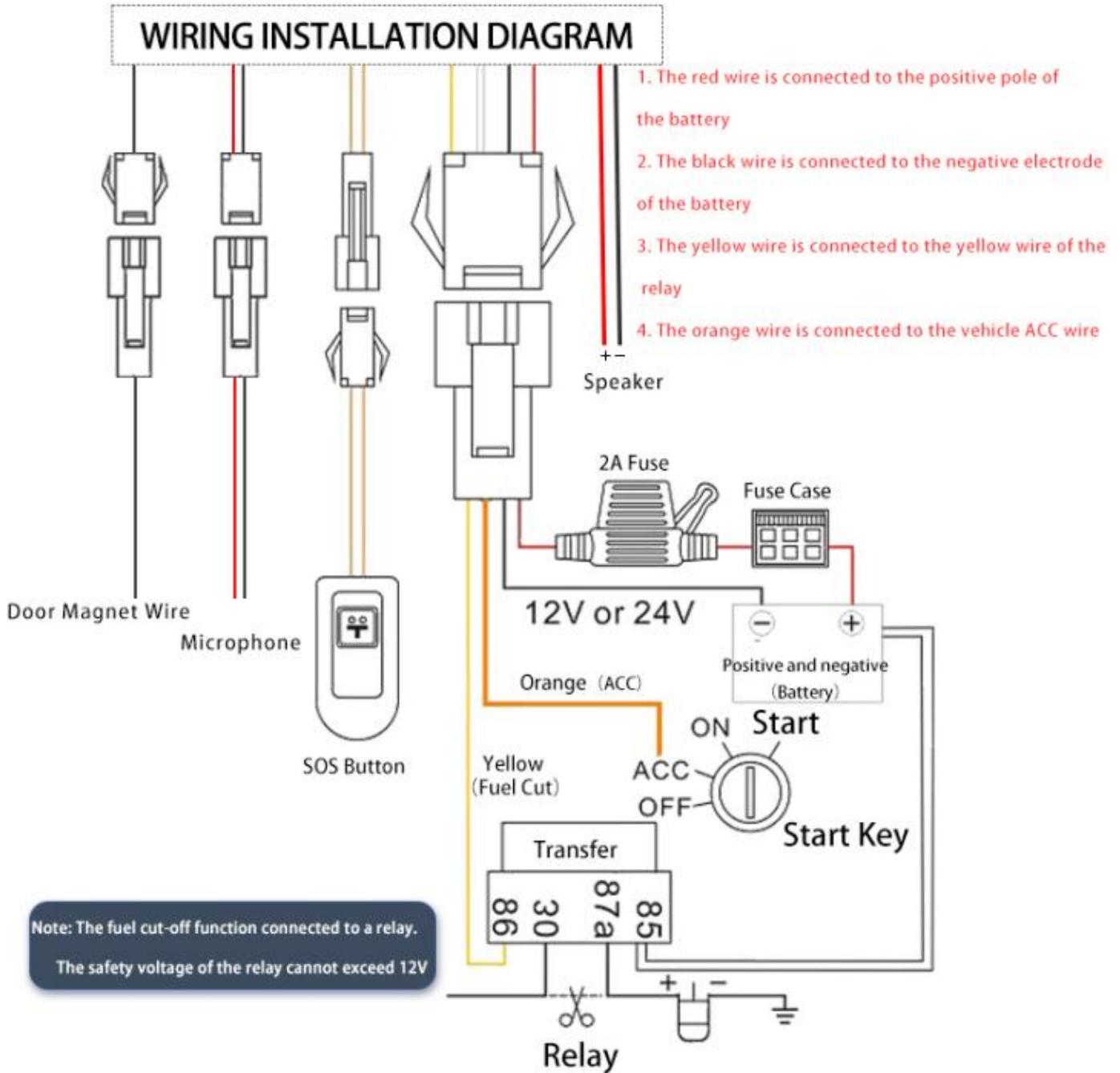
(3) Under the decorative plate of the rear windshield of the car;

(4) Inside the car door or the middle column;

(5) Inside the instrument panel or under the rear seat of the electric bicycle/motorcycle



4. Wiring Precautions



5. SMS commands and Instructions:

Send SMS command from user's SIM card number to the SIM card number which inside the GPS device.

The commands in the following SMS command list are in English input format, and the letters are case-sensitive according to the instruction requirements.

Common inquiry	SMS command format	Device reply
Device status query	CXZT	Version, ID, IP, etc...
Cut Oil/Fuel	DY	
Resume Oil/Fuel	KY	
APN Settings/Query	NAPN=cmnet,, with account and password Example : NAPN=cmnet,123,666	
Revise Server IP	IP+blank+IP+blank+port Example : IP 106.3.230.234 8185	set IP OK
Dual IP Settings	DUALIP,11.39gps.com,7808,11.00 8gps.com,7700#	
Restart GPS	CQ	
Restore factory settings	FORMAT	
Setting Admin	admin123456 13580000000	
Delete Admin	noadmin	
Set Anti-Theft	SF	
Dismiss Anti-Theft	CF	

5.1 | Please select the harness provided by the original factory. The red line is the positive and the black is the negative pole of the power supply. When installing the negative pole of the power supply, please choose to ground or connect metal separately. Do not connect with other ground wires.

5.2 | ACC line (orange line) connected to the vehicle's ACC switch; if ACC auto anti-theft function is required, make sure to connect the ACC line. The device will enter into the armed state or not according to ACC status. If the ACC line is not connected, the vehicle will enter into the armed state. If so, a vibration alarm will be triggered if vibration when vehicle moving.

5.3 | The oil-off control line (yellow line) connected to the thin yellow line of the circuit breaker.

Proper use of the product: Installation → Switch on → Settings → Register

Installation: When installing, the GPS antenna surface should face the sky. There should be no electromagnetic wave absorber (such as metal or explosion-proof film).

Switch on: Insert the SIM card with right direction, connect the cable according to the wiring diagram, and then switch on the device.

Register platform account: The registration method varies according to the dealer's platform, please consult the dealer.

6. App Operation

Login location service platform

Users can login to the global positioning service platform provided by the dealer, to check the location and status of the vehicle, and perform corresponding operations. Please consult your dealer for the service platform website.

Platform login on computer:

For individual users, please login with the device ID number. The ID number is on the device body and also on the package box. When logging in to the platform, please select IEIM/License number to log in. The default password is: 123456

Enterprise users and fleet users please select the username to log in. User name and password are set by dealer, please contact your dealer for distribution!

Android APP download, please scan the QR code on the computer, and if Apple mobile phone, please search the APP name in the App store.

7. Possible Issues

If the device can't be connected to the background server after first time installation, and the background server shows it is offline, please check the installation correct or not.

If you have any questions for the operation, please refer to the following questions and solutions; if you still can't solve the problem, please contact your dealer.

Common Problems	Reasons	Solutions
Weak signal	Test at areas where there are high buildings or underground parking lots, where radio waves cannot be sent or received normally.	Use it at a good signal place
platform shows device not activated after first installation	Main power supply connected correct or not	Do not connect to the main control line of the vehicle
	SIM inserted not correct	Check the SIM card
	LED status	Check if the indicator is blinking or steady
	SIM without GPRS activated or SIM card out of charge.	Please contact carrier to activate GPRS or charge
Platform map shows incorrect location	GPS no location	Please go to outdoor place where GPS signal good
	Vehicle did not move after installation	Please drive the vehicle on the road
	ACC connected or not	Connect the device and turn on ACC
Platform shows the main power disconnect	Poor power supply connection	Check whether the power supply line of the device connected correct or not
Platform shows device offline	SIM card out of charge of GPRS was canceled	Please check your SIM card
	Weak signal area	Please try again at good signal area