

INSTRUCTIONS MANUAL

Specifications:

- Operating voltage: 9 V DC – 90 V
- Working current: 53 mA
- Static current: 11 mA
- Targeting method: GPS + BDS
- Positioning error: < 10M
- Communication network: 2G/4G
- Communication frequency band: USA: LTE-FDD B2/B4/B5/B7/B66 GSM 850/1900 MHz
- Communication mode: Traffic control protocol
- Working temperature range: -20~+75°C
- Working humidity: 2%~85% RH
- Dimensions: Length 98.5 x Width 38 x Height 17 mm
- Weight: 71 gr
- Built-in battery capacity: 300 mAh
- Warranty period: 1 year

LED Type LED Status Meaning

Green	Flashing	Network reception is normal
Green	Slow Flash	Network/GPRS online, no signal received
Green	Always On	No network/the card is not inserted
Green	Not Lit	Searching for BD/GPS signal, BD/GPS positioning successful
Blue	Flashing	GPS sleeping/not working

LED Type LED Status Meaning

Blue	Always On	External power connected
Blue	Not Lit	External power disconnected
Red	Always On	-
Red	Not Lit	-

Installation Method

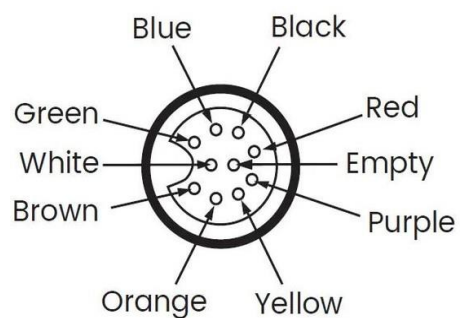
Make sure the SIM card is into the GPS tracker (the SIM card requires SMS, data service, and phone capabilities). Turn on the GPS tracker button and ensure the indicator light is on. (Ensure the device has power; if not, connect it to the vehicle battery, and the battery will power it).

It is recommended to install the device hidden under the supervision of professional technical personnel. The following considerations should be taken into account:

- Avoid placing the device in easily accessible locations to prevent theft.
- Avoid proximity to transmission sources such as reverse radars and other communication devices.
- Secure the device with cable ties or strong adhesive.
- The device has built-in GSM and GPS antennas, ensuring they are oriented upwards during installation without any metal shielding above.

The device can be installed around the dashboard, under the decorative panel, or under the rear windshield.

Product Usage Instructions



Definition Color Notes

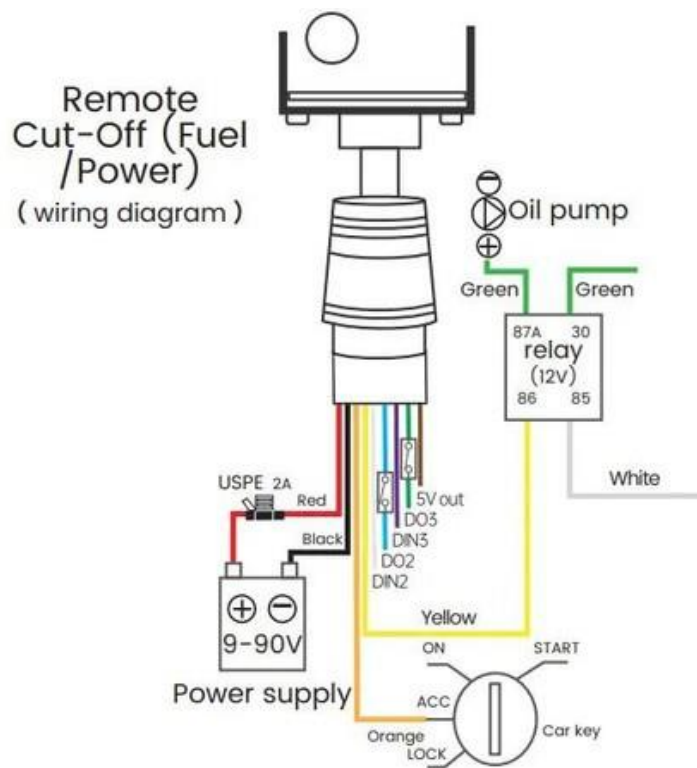
V+	Red	Connect to 12V/24V power source
V-	Black	Connect to -12V/-24V Ground
CAC	Orange	ACC line
OIL	Yellow	Cut oil line
DIN2	White	Low detection (SOS) negative output
DO2	Blue	Low output (door opening control) negative output
DIN3	Purple	Low detection (door detection)/High detection/ negative output
DO3	Green	Low output (door closing control)/ negative output
5V Output	Brown	DC 5V output (buzzer) Positive output

Relay Wiring Instructions

Remote Cut-Off Wiring Diagram (Fuel/Power):

Pump/Power/Oil/Battery Relay Wiring:

The oil connection at both ends is a thin white line (85) and a thin yellow line (86). Connect the thin white line (85) to the positive power source (+12V) of the vehicle. Connect the thin yellow cable (86) to the relay control cable of the device. Cut the positive connection cable of the pump, then connect it in series to the normally closed contact of the relay (thick green line 87A) and connect the other end to the relay COM contact (thick green cable 30).



Product Features

- Real-time location tracking
- 4G network communication
- Dual satellite positioning BDS+GPS
- Remote update via OTA
- Wide voltage range 9-90V
- Waterproof IP67
- Remote oil circuit control
- ACC status detection
- Vibration alarm
- Power-off alarm
- GEO-FENCE alarm
- Overspeed alarm