

USER MANUAL P09N

Please read the manual carefully before use the GPS Tracker , so that you can install the device correctly and activate it quickly on the internet. The outlook and true color are subject to the actual product.



1. Wiring diagram:

Red cable for power

Black For AC / Door (Optional)

Orange cable for ACC/ignition

Yellow cable for Relay

The other two sets of lines for SOS and Microphone (Optional)

2 Technical parameter:

1) .GSM: 850/900/1800/1900 Quad band

2) .GPRS: Class12, TCP/IP

3) .Working Voltage: 9-100V DC

4) .Working current: $\approx 22\text{mA}$ (12vDC)

5) .Working current: $\approx 12\text{mA}$ (24vDC)

- 6) **.GPS locating time:** Cold start≈38s (Open sky)
Warm start≈32s
Hot start≈2s (Open sky)
- 7) **.GPS Precision:** 10m (2D RM)
- 8) **.Working temperature:** -20°C~+70°C
- 9) **.Working humidity:** 20%~80%RH
- 10) **.Measurement:** 76 (L) ×26 (W) ×19 (H) mm

3. Main Functions: (V1.0)

- 1) support ACC ignition detection.
- 2) support Relay for cutting off power/fuel (optional)
- 4) Built-in GPS antenna: 18*18*4 mm
- 5) built-in battery.
- 6) Alarms (power off, over speed etc)
- 7) platform /APP tracking supported
- 8) , SOS and voice monitoring. (optional)
- 9) AC and Door Detection

4 Device status indicators

4.1 Connect DC 9-100V power supply and the red LED will light continuously.
The red LED is the power signal,
it is always on when the external DC is connected.

4.2 The blue LED is the GSM signal indicator. It is always on when there is no GSM;
it flashes when GSM is normal;
it flashes quickly when transmitting data.

4.3 The yellow LED is the GPS signal indicator: it is always on when there is no positioning; it flashes after positioning.

5. Installation for SIM of device

5.1 Preparation for the installation

5.1.1 Product Check. Open the packing box and check the device's model and accessories. If the model is wrong or the accessories not complete, please contact the dealer.

5.1.2 Choose SIM card. Please insert a SIM card to the device. Please take dealer's advice as reference.

5.1.3 SIM card installation. Discharge the cover of the device and uncover the SIM cardholder. Then insert the SIM card and cover SIM card holder.

5.1.4 Put back the front cover and screw it up.

5.1.5 Connect the device to the 9-100V power supply. (the red LED constant glow)

5.1.6 Install the device in the hidden place of the car;

The SIM card must be with GPRS function and enough deposit. If your SIM card needs input PIN when power on, please cancel it.

5.2 Installation for the Car/Motorcycle/E-bike

The GPS tracker must be installed under professional personnel. Note:

1) Please install the device in the hidden place as followings: Under Front windshield;

In the front instrument panel; Under back windshield;

2) Avoid being placed with signal radiators like reverse sensor ;

3) The device has GSM antenna and GPS antenna inside. Please ensure the receiving side of the device is face up and without metal cover.

Note: The metal cover will lessen the receiving of GPS signals.

6. Device wiring requirements

6.1 The device power supply is DC 9-100V. The red line is positive pole while the black line is negative pole.

6.2 The negative pole of power supply connects with ground or the metals. Please do not connect with other ground lines.

6.3 When finishing the power supply wire connection, please make the plug of power supply to the device

Any issue please contact the **1800 123 2632**.