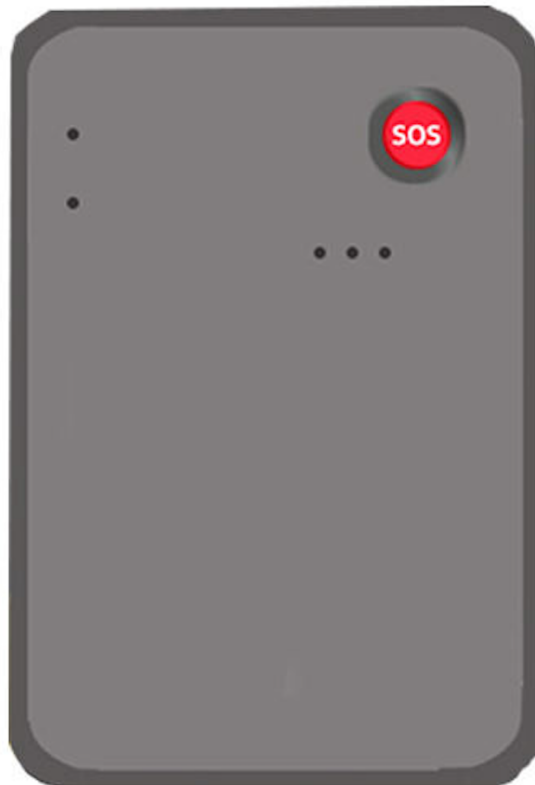


GPS⁹ 4G Vehicle Positioning Terminal

Style No.: PD20

Vesion No.: V1.0



Quick Installation Guideline

Please read this operation guideline carefully before using the product in order to get the correct install and operation way. Part of the functional structure of the product will be changed without notice, and the actual product shall prevail. This product is limited to the purchaser's own vehicle anti-theft use, and is prohibited to be used for illegal use, otherwise all responsibilities arising therefrom shall be borne by the purchaser himself.

1. Product Feature

- 4G full network,with high sensitive antenna
- GPS +BD +LBS +WIFI multiple postioning way
- 10000mAh big capacity battery
- Strong Magnetic ,easy to install
- Real Time Tracking
- Remote monitor By SMS /APP /Web
- Anti-lost Alarm
- SOS Alarm
- Geo-fence alarm
- Intelligent power saving, static to sleep model , vibrating online
- Innovative power saving, ultra-long standby, multiple working modes switchable
- History Playback

2. Product Parameter

Item	Specification
Size	84.7*61*30.6mm
Weight	226.1g
Build in battery	10000mA Battery
Working temperature	-20°C to+60°C
Store temperature	-20°C to+70°C
4G Module	7670SA

GPS Module	UC6228CI
Root mean square error	S
Frequency Band	LTE-FDD B1/B2/B3/B4/B5/B7/B8/B28/B66 GSM850/900/1800/1900MHz
Dynamic output range	-15~-108dbm
Receive sensivity	-107dbm
Maximum frequency error	±0.1ppm
Positioning accuracy	< 10m
First positioning time	Cold start: 32 seconds on average
GSM Anthena	Build in
GPS Anthena	Build in
LED Indicate	Power light
Transfer Protocol	TCP
Data Reporting	Update GPS data in real time and support customer customization
Geo Fence	TBD
GPS Data	Real Time Reporting
OTA	Support

3. Product Function

Real Time Tracking	longitude and latitude is returned according to the set interval.
Geo-fence Alarm	Get in or get out of fence ,it will alarm to APP or Web
SOS Alarm	User can press sos button to get help from police or platform
Histoy Playback	It can play back 365 days of driving tracks, including vehicle speed, direction dwell time, etc.
Fleet Management	One phone can manage more gps

4. LED Indicator Status

Yellow LED (GSM Signal light)

LED Status	Description
Slow Flash	GSM Initialization
Always light on	GPRS Communication is normal/has been online
Light off	GSM Sleeping
Quick Flash	No SIM card is inserted or SIM card can not be identified

Blue LED (GPS Signal light)

LED Status	Description
Slow Flash	Searching GPS Signal
Always light on	GPS Positioned
Light off	GPS Sleeping

Please be noted that when the product is still for 3 minutes, the LED light will automatically turn off, and the LED light will wake up by vibration.

5. Product Installation Instruction

5.1 Preparations before installation:

- ① Buy a proper SIM card

Please buy a SIM card with GSM network, and the size of the SIM card is subject to the actual product.

- ② Insert the SIM card (the power cable must be unplugged before installing or removing the SIM card).

The cut-off corner of the SIM card is at the bottom left, with the chip side down. (Note: the actual product shall prevail)

Note: the SIM card cannot be inserted reversely, and the SIM card needs to be activated GPRS service. Please make sure the SIM card has prepaid value.

5.2 Precautions:

1. The product should be installed face up to the sky;
2. If the windshield is pasted with a metal thermal insulation layer or a heating layer, it will reduce the reception of satellite signal, which may make it difficult to locate the position, in this case, please change the installation place.

6. Troubleshooting

If the device is unable to connect to the background server after being installed for the first time, and the background server shows that it is not online, please check the device installation;

When using the product, if you have any problem, please refer to the following problems and solutions; if these solutions cannot solve your problem, please contact your dealer.

Common Issues	Problems	Solution
Poor signal reception	When using the product in areas with poor reception, such as near high-rise buildings or underground parking lots, satellite radio waves cannot be effectively transmitted	Use the product in a place where have strong signal
Unable to connect to the platform for the first installation	The main power cable does not wire correctly	Do not wire to the vehicle interior control wires
	The SIM card is not installed properly	Check the SIM card and reinstall it
	LED indicator status	Check if the indicator light flashes fast or slow or is always on
Platform map shows incorrect location	The SIM card has not activated the GPRS service	Please contact the network service provider to activate GPRS
	GPS does not locate position	Please go to an open space for positioning
	The vehicle does not move after installing the device	drive a few laps in the road
The platform shows that the main power is disconnected	The terminal does not wire to ACC	Wire the terminal to ACC and insert the car key to start up the ACC
	Power cable does not connect properly	Check if the power cable of the device is connected properly
Platform shows the device is offline	The SIM card is in arrears or is canceled the GPRS service	Please check SIM card status
	The vehicle is in a weak signal area	Please go to a place where have strong signal and try again

Warranty Card

Special statement:

1. There may be technical changes to this product in the future without notice.
2. If the appearance and color of the product are changed, the actual product shall prevail.
3. The warranty card is only apply to the three-guarantee service of the IMEI number product listed below.
4. Please keep this warranty card properly. Please show this card and the original purchase receipt when you need warranty service.
5. Please refer to the table below for specific warranty coverage.

This card is the basic certificate of warranty, please fill in this card carefully and keep it properly.

User Name		Phone Number	
Address			
Product Model		IMEI Number	
Purchase Date		Invoice Number	
Distributor Name			
Distributor Address			
Distributor phone Number			
<ol style="list-style-type: none">1. Since the date of purchase, non-man-made damage is guaranteed for one year;2. The following situations are not covered by the warranty, but users can get a paid maintenance service;<ol style="list-style-type: none">(1) Exceeding the warranty period.(2) Damage caused by disassembly or repair without authorization of our company.(3) Soaking in water and burning the circuit board.(4) Damage caused by improper installation, use, maintenance and storage.(5) Product shell damaged during use.(6) The IMEI number inside the product has been torn out or blurred.(7) The warranty certificate does not match the product model or the warranty certificate is altered.(8) Damage caused by force majeure factors.			