

80*80mm,105克铜版纸 2020-10-27 2.0版本

Product overview Power indicator GSM indicator GPS indicator INS (Inertial Navigation System) INS can be used as an alternative tracking system when vehicle is in an area without GPS signal, such as urban canyon, tunnel or underground parking lot. Driving behavior analysis Harsh acceleration alert Harsh braking alert Harsh cornering alert Sudden lane change alert Collision alert Skidding alert Rollover alert Roll and pitch alert Vehicle tracking GPS & LBS positioning Real-time location query Easy installation After insert SIM card, plug device into OBD II port and start to use. Multiple alerts Over-speed alert Drowsy driving alert Tow/Thief alert Vibration alert Other alerts Standard Parts List <table><tr><th>Item</th><th>Quantity</th></tr><tr><td>JM-VG02U device</td><td>1</td></tr><tr><td>Pry tool</td><td>1</td></tr></table>	Item	Quantity	JM-VG02U device	1	Pry tool	1	Specification <table><tr><td>GNSS Type</td><td>GPS+INS(Inertial navigation system)</td></tr><tr><td>Antenna</td><td>Built-in GPS ceramic antenna; GSM quad-band antenna</td></tr><tr><td>LED indicator</td><td>GPS(blue), GSM(green), Power(red)</td></tr><tr><td>Battery</td><td>50mAh/3.7V Li-Polymer battery</td></tr><tr><td>Working voltage/current</td><td>9-36VDC/38mA(12VDC)</td></tr><tr><td>Standby current</td><td>5mA</td></tr><tr><td>Working time</td><td>1 hour (power supply disconnected)</td></tr><tr><td>Operating temperature</td><td>-20℃~+45℃</td></tr><tr><td>Weight</td><td>37g</td></tr><tr><td>Dimension</td><td>48.6*49.7*24.0mm</td></tr></table> Storage temperature -20℃~85℃(> 60℃ will enter storage mode) LED indications Power Status (Red) <table><tr><th>Indication</th><th>Definition</th></tr><tr><td>Fast blinking (on 0.1s, off 0.1s)</td><td>Low battery</td></tr><tr><td>Fast blinking (on 0.1s, off 0.1s)</td><td>Low battery</td></tr><tr><td>Slow blinking (on 0.1s, off 2s)</td><td>Charging</td></tr><tr><td>Solid on</td><td>Fully charged</td></tr><tr><td>Slow blinking (on 0.1s, off 2s)</td><td>Normally working</td></tr><tr><td>Off</td><td>Battery is exhausted/Internal failure</td></tr></table> GNSS Status (Blue) <table><tr><th>Indication</th><th>Definition</th></tr><tr><td>Fast blinking (on 0.3s, off 0.3s)</td><td>Searching GNSS signal</td></tr><tr><td>Solid on</td><td>Positioned</td></tr><tr><td>Off</td><td>GNSS module is in deep more or not working</td></tr></table>	GNSS Type	GPS+INS(Inertial navigation system)	Antenna	Built-in GPS ceramic antenna; GSM quad-band antenna	LED indicator	GPS(blue), GSM(green), Power(red)	Battery	50mAh/3.7V Li-Polymer battery	Working voltage/current	9-36VDC/38mA(12VDC)	Standby current	5mA	Working time	1 hour (power supply disconnected)	Operating temperature	-20℃~+45℃	Weight	37g	Dimension	48.6*49.7*24.0mm	Indication	Definition	Fast blinking (on 0.1s, off 0.1s)	Low battery	Fast blinking (on 0.1s, off 0.1s)	Low battery	Slow blinking (on 0.1s, off 2s)	Charging	Solid on	Fully charged	Slow blinking (on 0.1s, off 2s)	Normally working	Off	Battery is exhausted/Internal failure	Indication	Definition	Fast blinking (on 0.3s, off 0.3s)	Searching GNSS signal	Solid on	Positioned	Off	GNSS module is in deep more or not working
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Cellular Status (Green)

Indication	Definition
Fast blinking (on 0.1s, off 0.1s)	Network initializing
Slow blinking (on 0.1s, off 2s)	Receiving signal normally
Solid on	GSM/GPRS is online
Off	No signal received or no SIM card detected

Product Setup

Half hole and half cylinder

Upper gap

Lower gap

Insert SIM card and Power on

1. Choose Nano SIM card with access to GPRS and SMS.
2. Take the pry tool out and plug it into the gaps one by one, pry them until the case is loose, then separate the case from core.
3. Insert SIM card into the slot.
4. Align the half hole and half cylinder of double sides, then fasten the case and core (LEDs will be damaged if without alignment).

Note: After SIM card inserted, device will power on itself automatically. Low battery voltage may affect its self-activation, in this situation please plug it into vehicle OBD interface to charge.

Configuration

Login platform

iOS

Android

To interact with this device, please login the location service platform that your distributor designate, and enter the designated website to download mobile app.

Tracked by mobile phone

Send the command `URL` by SMS to the device's SIM card number. The device will reply with a map link. Click the link to have the location displayed on Google Maps on your mobile phone.
If device is somewhere not positioned, device will reply "Positioning, please wait for a moment" or "Positioning fail".

Monitored by tracking platform

APN & Server setting
To ensure normal network operation, please confirm your APN and

server setting before you login. In most countries, APN could be automatically adapted to local mobile operators. If not, please send SMS to set the APN.

If user name and password are required for APN, please add it into the command.
`APN,apnname`
`E.g:APN,internet#`
`APN,apnname,user,pwd#`
`E.g:APN,internet,CLENTE,AMENAM#`
Confirm the server address and setting with distributors. If server is incorrect, please send SMS to change.
`SERVER,mode,domain,name,IP,port,0#`
E.g: `SERVER,0,211.154.135.113,8011,0#`
`SERVER,0,211.154.135.113,8011,0#`
mode=0 means set with domain name
mode=1 means set with IP address
Please login the designated service platform and enjoy your monitoring experience.

GPS upload interval setting

By time interval (Default Valid)

`TIMER,T1,T2#`



This mobile phone complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This mobile phone has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiated radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Please keep 20cm use distance away from human body.

