Product overview

Working mode indicator
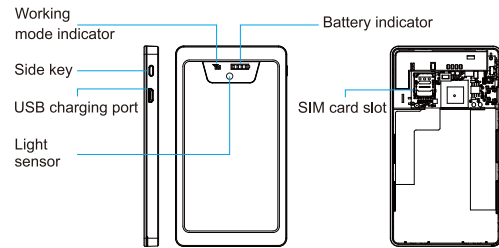Battery indicator
Side key
USB charging port
SIM card slot
Light sensor

GPS & LBS positioning (optional)
Real-time location query
Unpacking alert
Geo-fence alert
Internal 2,500 mAh rechargeable battery
Real time tracking mode
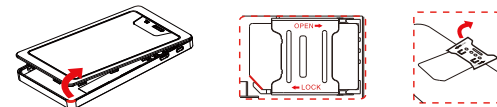Power saving mode

Package & Accessories

Standard package

JM-LG05 device

USB cable

Charger

Specification

GSM Band	850/900/1800/1900MHz
Antenna	Internal GSM quad-band antenna; GPS ceramic antenna
LED Indicators	Battery, working mode
Dimensions	110(L)*61(W)*8(H)mm
Weight	76g
Backup Battery	Li-Polymer; 2,500 mAh
Working voltage/current	3.7 VDC/50mA
Charger	5V/1A charger
Charging time	6 hours
Operating Temperature	−20℃～70℃
Transmit Protocol	TCP

Product setup

Insert SIM
1. Find the notch and remove the cover.
2. Insert the Nano SIM card into the card slot.

Power on and off
Momentarily press the side key 5 times to power on or off the device.

Charging
Connect the charger to the Micro USB interface to charge.
If the device is fully charged, the power and battery LED indicator will be OFF.

LED indications
Battery and Power Status (green)

Behavior	Meaning
1 LED lights up	0-25% remaining battery
2 LEDs light up	25%-50% remaining battery
3 LEDs light up	50%-75% remaining battery
4 LEDs light up	75%-100% remaining battery
Off	Normal working; No side key pressed; No battery; Internal error; Sleep

Working Mode (red and blue)

Solid blue	Real-time tracking mode (mode 1)
Solid red	Power saving mode (mode 2)
Off	Normal working; No side key pressed; No battery; Internal error; Sleep

Note
Momentarily press the side key twice to enable the LED and check current working mode.

SMS configuration

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. Clink the link to have the location displayed on Google Maps on your mobile phone.
If device in 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,AMENA#

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,1, www.ydpat.com, 8011,0#
       SERVER,0, 211.154.135.113.8011,0#
mode=1 means set with domain name
mode=0 means set with IP address

Please login the designated service platform and enjoy your monitoring experience.

Tracking mode setting
1) Real-time tracking mode(Defaulted)
MODE,1,T1,T2#
T1: time interval to report position in movement; Range: 10-3600s. Default: 600s
T2: time interval to report position while vehicle is static , Range: 180-86400s. Default: 3600s.

2) Power saving mode
MODE,2,T1,T2#
T1: start time of sleeping period. Format is HH:MM.
T2: sleep time interval; Value: 1, 2, 3, 4, 6, 8, 12, 24, 72 (hours). Default: 24 hours

Internal battery low alert
Alert message will be sent to the preset SOS phone number when the voltage of device internal battery is lower than 3.65V.
To add SOS number: SOS,A,number1,number2,number3#
To delete the SOS number: SOS,D,phone number#
Query SOS number: SOS#

Unpacking alert
Once the light sensor detect light, alert will be triggered and message with map link will be sent to the SOS phone number. The device will switch to real time tracking mode.

Common SMS setting command

Command	Description	Remark
STATUS#	Check device's status	
VERSION#	Check firmware version	
GPRSSET#	Check device network setting	
MODE#	Check current mode and parameters.	
REMALM,A,M#	Enable unpacking alert	A=ON/OFF; Default: ON M=0/1, alarm way. 0: GPRS; 1: SMS+GPRS; Default: 0
REMALM,OFF#	Disable unpacking alert	
REMALM#	Check current parameters	
BATALM,ON,M#	Enable battery low alert	M=0/1, alarm way. 0: GPRS; 1: SMS+GPRS; Default: 1
BATALM,OFF#	Disable battery low alert	

Troubleshooting

Type	Use
Unable to connect to tracking platform	Check the APN and IP settings. Check whether the data service of SIM card is enabled. Check the balance of SIM card.
Tracker shows offline	Check if the device entered network blind area. Check the balance of SIM card.
Unable to locate	Make sure the top side facing upward without metallic things shielded. Make sure it's not in area with no satellite coverage.
Unable to boot	Check whether the battery is exhausted. Check whether the SIM card is inserted.
No command reply	Make sure command format is correct. Make sure SIM card is well inserted and have SMS service.

Warranty instructions

1. The warranty is valid only when the warranty card is properly completed, and upon presentation of the proof of purchase consisting of original invoice indicating the date of purchase, model and serial No.of the product. We reserve the right to refuse warranty if this information has been removed or changed after the original purchase of the product from the dealer.
2. Our obligations are limited to repair of the defect or replacement the defective part or at its discretion replacement of the product itself.
3. Warranty repairs must be carried out by our Authorized Service Centre. Warranty cover will be void, even if a repair has been attempted by any unauthorized service centre.
4. Repair or replacement under the terms of this warranty does not provide right to extension or renewal of the warranty period.
5. The warranty is not applicable to cases other than defects in material, design and workmanship.

Maintenance Record

Date		Serviced by	
Product Model			
IMEI Number			
Fault Descriptions			
Comments			

JM-LG05
ASSET GPS TERMINAL
User Manual
V1.0