PG201 User Manual

Version: V1.0

1 Introduction

1.1 Main Functions

SOS call and speed dial in emergencies
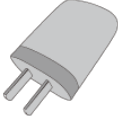GPS+LBS+WiFi positioning
Dust- and water-proof
Low battery alert
Voice time reminder
Battery strength reminder

1.2 Specifications

Location Accuracy	< 10 meters
Working Voltage/Current	3.7VDC/75mA
Battery	1200mAh lithium-polymer battery
Dimensions	102.5 (L) mm*61.0 (W) mm*9.0 (H) mm
Weight	68g
Operating Temperature	–20℃ to +60℃

1.3 Accessories

	Charger	Cable	Lanyard	User Manual
Item				
Qty.	1	1	1	1

★**Note:**
1. Please check the packing list upon acceptance to see if all accessories are included.
2. All items are subject to the actual.
3. This User Manual is subject to change without prior notice.

1.4 Appearance

Receiver

LED

Work phone 1/Help

Work phone 2/Battery reminder

Work phone 3/Time reminder

SOS/Power/End call

Back cover

USB charging port

Speaker

Hole for lanyard

智能电子工牌

照片
(一寸)

单位

姓名

工号

Name card

Front cover

Cover-removing groove
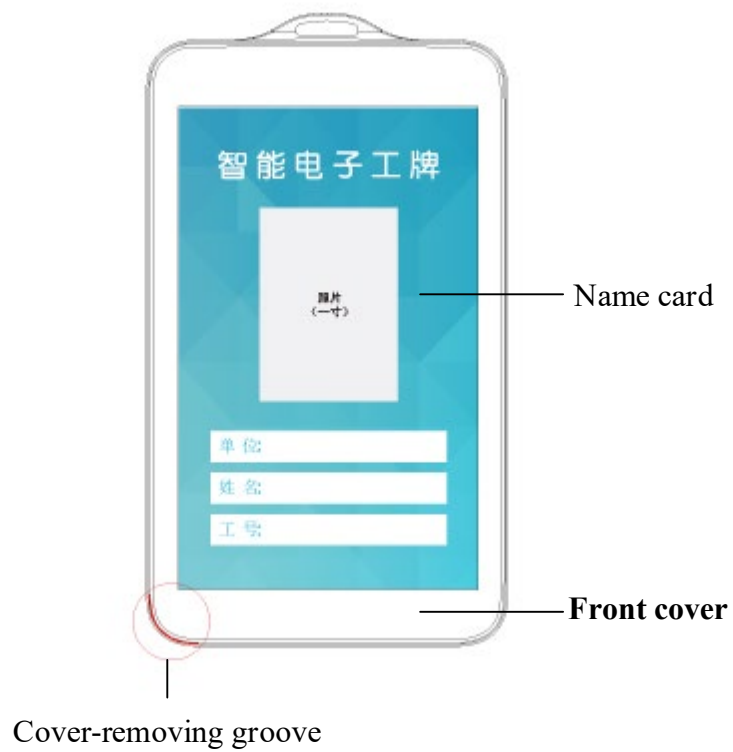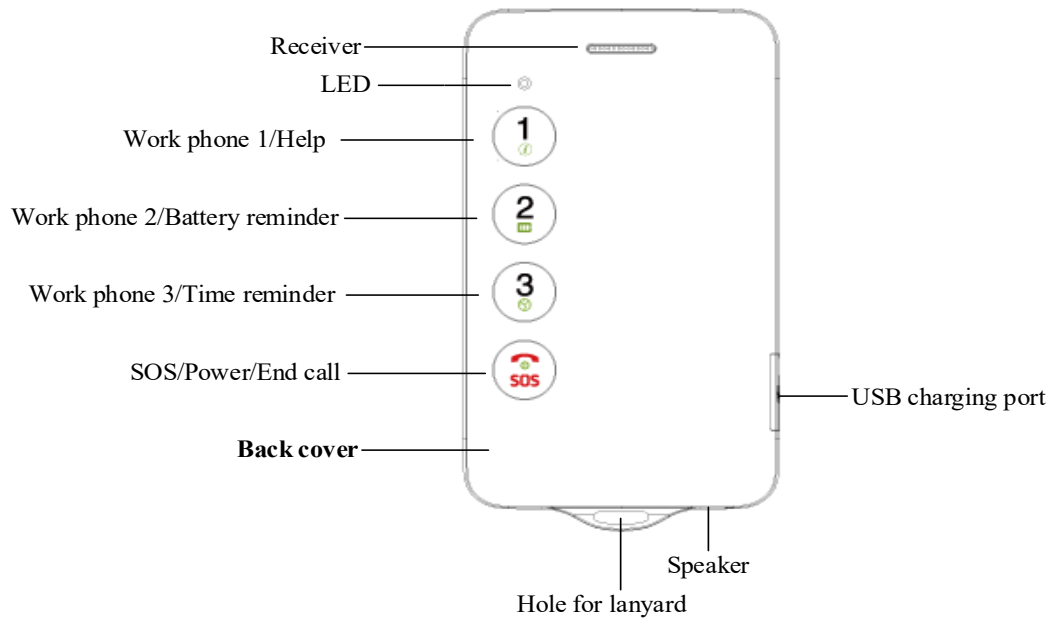
2 Quick Start

1.5 SIM Attachment

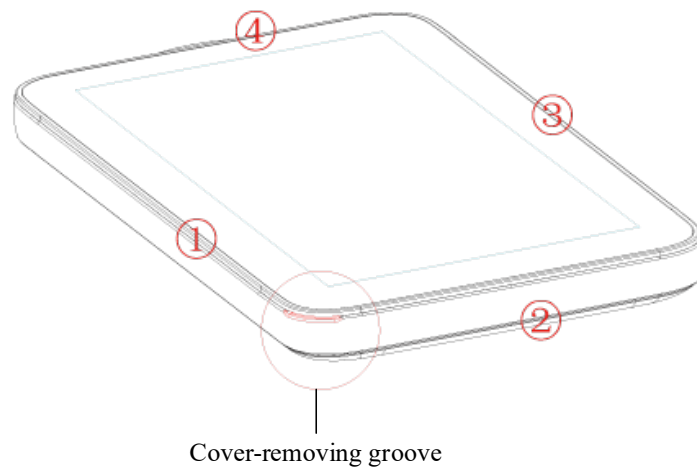Step 1.   Prepare a Nano SIM.

Standard ☒   Micro ☒   Nano ☑

★**Note:**
It is recommended to activate the SIM card with the Caller ID function and a monthly data plan of at least 30MB.

Step 2.   Attach the SIM.
1.   Remove the front cover.

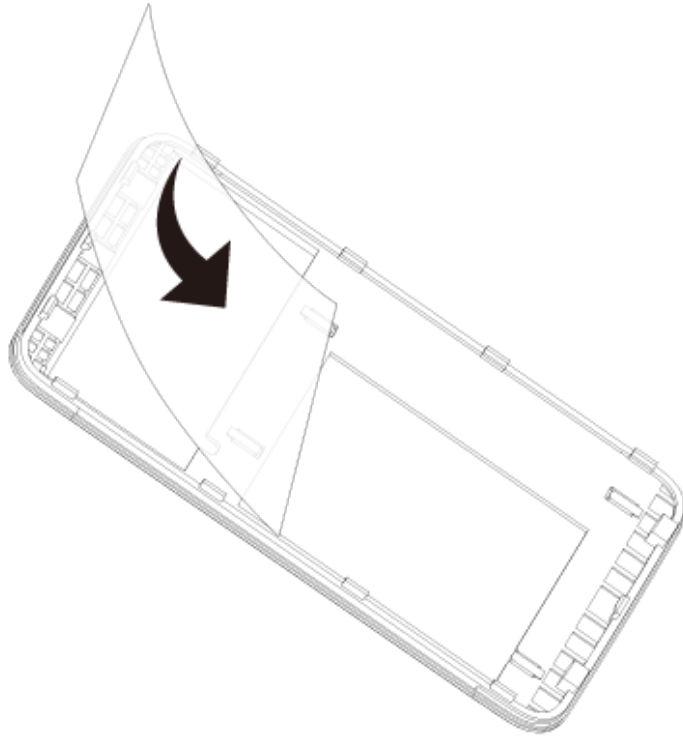Cover-removing groove

Note:
Apply a moderate force to the groove and gently move the tool along the groove.

2.   As the following figure shows, the front of the smart employee ID card should be facing outward and then carefully insert the SIM by the arrow.

3. Insert the SIM to the slot in the correct direction.
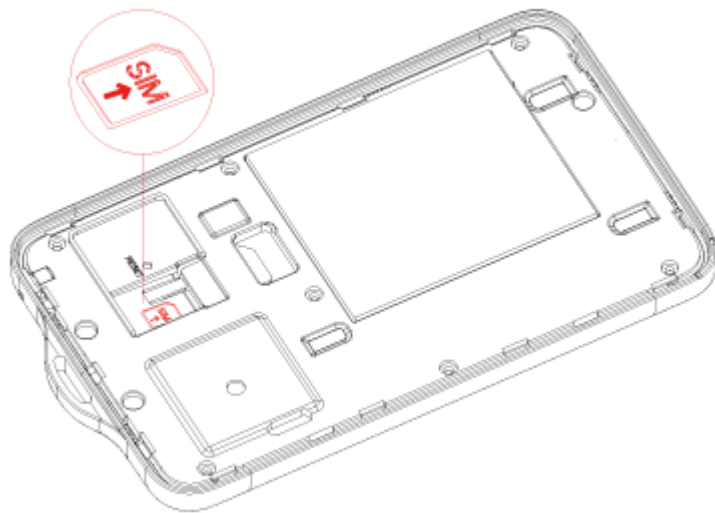
4. Attach the cover back in place and thread the lanyard.
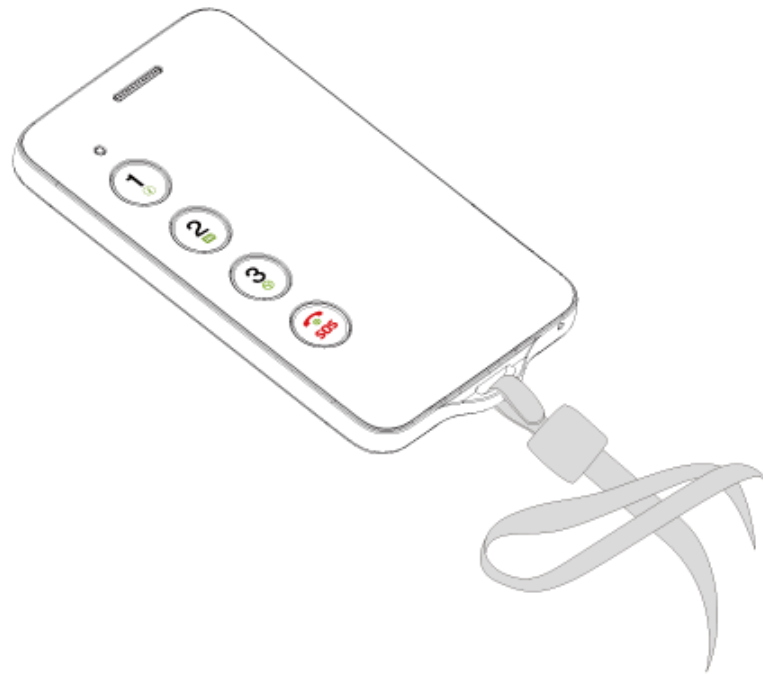
1.6 Power-on and -off

Power-on: Press and hold for 3s until the red, green, and blue LED light up in sequence.

Power-off: Remove the SIM and press the "RESET" button by the card slot (as the following figure shows).

★**Note:**

If the device fails to power on, do the followings:
1. Check whether a SIM is inserted; if not, insert a Nano SIM; or
2. Check whether the device has sufficient power; if not, charge the device.

1.7 Charging

1. Open the rubber plug of the USB charging port;
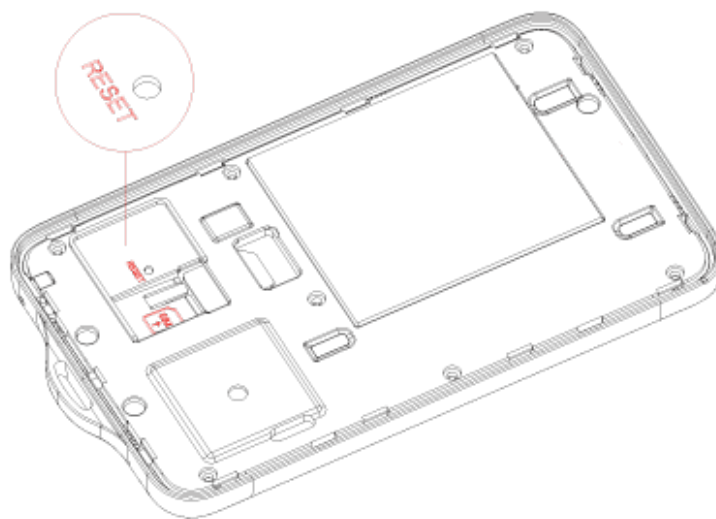2. Insert the original charger to the port;
3. Connect the charger to a power source. If the device is charging, the LED will be solid red. If the LED turns to solid green, then the device is fully charged.
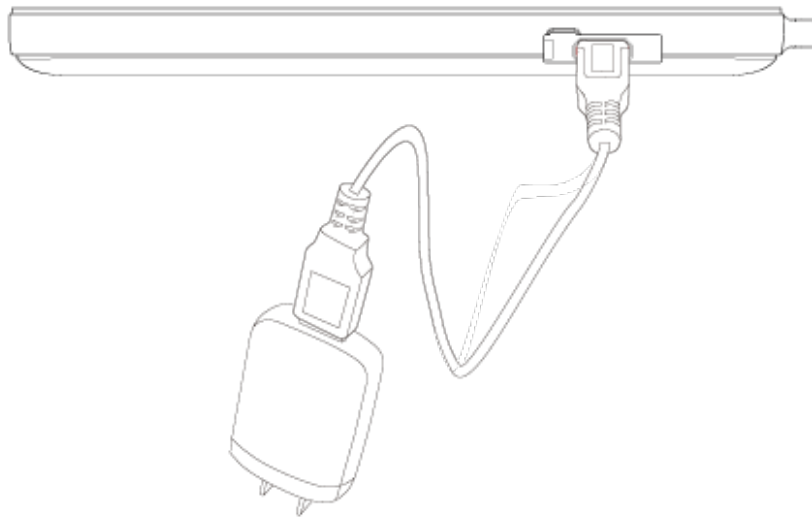
★**Note:**

1. If the battery is exhausted, the charging will take 3 hours to full. The device will heat up a little during charging, which is normal.
2. After the charging is complete, plug the rubber plug back in place.

1.8 Platform Operations

After the device is powered on and bound to the platform, you can do the following operations to the device via the service platform: track the location of the device and set parameters such as work phone numbers and emergency numbers for the device.

1.8.1 Logging In

To set parameters and use related functions, log in to the location service platform designated by your dealer.

1.8.2 Downloading App

You can download the location service app for Android and iOS via the website provided by your dealer.

iOS   Android

1.9 LED Indication

To know the work state of the device, press any button to activate the LED indicator while the device is in standby.

State	Green	Blue	Red
Off	No internet or no SIM card detected		
Blink (every 1s)	GSM on	Searching for GPS signals	Low battery
Solid on	GPRS connected or charging complete	Position fixed	Charging

3　Functions

1.10　Two-way Call

①: Short press twice to dial work phone 1 (short press once to activate the broadcast help feature).

②: Short press twice to dial work phone 2 (short press once to activate the battery strength reminder feature).

③: Short press twice to dial work phone 3 (short press once to activate the time reminder feature).

★Note:

1. Press button 1, 2, or 3 to answer an incoming call and press the panic button (SOS) to end a call. During a call, you can turn on or off the hands-free mode by long pressing the button 1, 2, or 3.
2. You can set 15 numbers at most in the whitelist via the mobile app or the web client, after which the device can only receive calls initiated by the whitelisted numbers.

1.11 Panic Button

Short press the SOS button twice to activate the panic feature, after which the device will send emergency messages to the service platform and initiate calls to preset emergency numbers one by one repeatedly until a call is answered.

1.12 Location Query

If the mobile phone has no network, you can deliver the command "DW" via the emergency number. The device will reply with a message containing its rough location. If a position is fixed via GPS within 2 minutes, the device will resend a message containing its precise location.

1.13 Geo Fence

You can set 5 geo fences at most via the mobile app or web client. If the device has its GPS on and the geo-fence alert feature enabled, it will send alert messages to the mobile app or web client if the device enters or leaves any geo fence.

4 Precautions

1. To receive alert messages on your mobile phone, you can go to the mobile app or web client and enable the alert feature and set the push options and SOS number;
2. The device may fail to fix positions if it is inside buildings or blocked by objects. In this case, take the device to an open field and try again;
3. The precision of LBS locations is affected by the number of nearby base stations, which means the fewer base stations are in the vicinity of the device, the larger the positioning error will be.
4. Please use batteries and accessories specified by the manufacturer of the device; otherwise, the warranty will become void. The manufacturer of the device shall bear no warranty liabilities for any damage resulted from the use of non-original accessories. Do not soak the battery in water or throw it in fire. Do not try to bend or forcibly open the battery. Do not disassemble the device, as improper disassembly by non-professionals may cause damage to the device.
5. Protection: The device has been tested under controlled lab conditions to be IPx5,

which means it is resistant to splashing and water jets under normal use. However, the resistance to splashing and water jets may decline with daily wear and the warranty does not cover damages resulted from soaking in liquid.

5   Troubleshooting

When a problem arises, you can troubleshoot it by the following solution. If the problem persists, please do not hesitate to contact your dealer or service provider.

Common Problems	Possible Causes	Solutions
Poor reception	The device is used in an area where radio waves cannot reach, such as near high-rise buildings or in a basement.	Try it in a place with good signals.
	The device is used when the call volume is high and call congestion occurs.	Try it at another time and try to avoid using it during peak hours.
Failure to power on	The battery is exhausted.	Replace or charge the battery.
Failure to initiate calls	No work phone numbers are set for the number buttons.	Set work phone numbers.
Unable to access the network	The SIM card may be attached improperly.	Check the SIM card.
	The metal side of the SIM card is stained.	Clean it with an eraser.
	The SIM card is invalid.	Please contact your network service provider.
	The device is out of GSM service areas.	Try it in a service area.
	The signal is poor.	Try it in an area with strong signals.
Unable to charge	The charging voltage is not in the specified range of the charger.	Please change the charging voltage.
	The charger is incompatible with the device.	Please use the supplied charger.
	The contact is poor.	Please check if the connection between the charger and the device is intact.
Failure to query a location	The SIM is not activated with the GPRS service.	Please contact you're your network service provider and activate the GPRS

		service.
	The device keeps replying with "No data found, please try again".	Please contact with your dealer.
	You may send the request via a non-emergency (SOS) number.	Please set your mobile number as the emergency number.

Warranty Instructions and Service

Statement

1. No prior notice will be given if the product is upgraded due to technological reasons.
2. The appearance or color of the product is subject to the actual.
3. The warranty card applies to the services of repair, replacement and refund of the product with the following IMEI.
4. Please keep this warranty card and the original purchase receipt together in a safe place, as these will be needed at time of services.

Warranty Terms

1. For damages not caused by human factors, this warranty lasts for 1 (one) year from the date of the original purchase.
2. You can choose to pay for the repair services in any of the following cases:
(1) The warranty card expires;
(2) No warranty card or valid proof of purchase;
(3) The product, including its accessories, is not in the warranty period;
(4) Damage caused by unauthorized repairs, crash, liquid spillage, incident, accident, modifications, or incorrect voltage input; or the label, IMEI, or counterfeit mark of the product is broken or scribbled;
(5) Damages caused by installation or use not in accordance with the user manual;
(6) Damages caused by soaking the product in water;
(7) The device model is inconsistent with that on the warranty card or the warranty card has been altered;
(8) Other damages caused by force majeure, such as fire, flood, or lightning.