

P9III

Quick Start Guide

Copyright © Shanghai eSurvey GNSS Co., Ltd. 2022. All rights reserved.

No part of this document may be reproduced or transmitted in any form or by any means without prior written consent of Shanghai eSurvey GNSS Co., Ltd.

Trademarks and Permissions

-survey and other eSurvey trademarks are trademarks of Shanghai eSurvey GNSS Co., Ltd.

All other trademarks and trade names mentioned in this document are the property of their respective holders.

Notice

The purchased products, services and features are stipulated by the contract made between eSurvey and the customer. All or part of the products, services and features described in this document may not be within the purchase scope or the usage scope.

The information in this document is subject to change without notice. Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute a warranty of any kind, express or implied.



This device has been tested and found to comply with European Council Directive 2014/53/EU, thereby satisfying the requirements for CE Marking and sale within the European Economic Area (EEA). These requirements are designed to provide reasonable protection against harmful interference when the device is operated in a residential or commercial environment.



Please follow the following instructions to ensure optimal performance of the device:

- Please use this device indoor in the European Community using frequency in 5150 - 5250MHZ to reduce the potential interference. Restriction in BE, BG, CZ, DK, DE, EE, IE, EL, ES, FR, HR, IT, CY, LV, LT, LU, HU, MT, NL, AT, PL, PT, RO, SI, SK, FI, SE, and UK.
- Please do not use this device in the place where the use of electronic device is not allowed, such as airports, hospitals, gas stations, etc.
- For your safety and the safety of others, please do not use this device while driving a vehicle.
- To avoid potential safety problems, please do not put this device near the vehicle's airbag.
- For your safety, please do not use this device during thunderstorms.
- Although this device is waterproof, please do not leave this device for long time in areas with water or moisture.
- Please use this device in the environment where the temperature is within -20 - +45°C and put it in the environment where the temperature is within -30 - +70°C. Otherwise, its performance and service life may be affected.
- Please do not disassemble, repair or transform this device. Please send to our authorized service centers for repair.

- After the device has reached its service life, please discard it in a proper way to avoid environmental pollution.
- This device belongs to Class B product, which may cause radio interference. Please take necessary preventive measures.
- Please avoid exposure to bright light or strong UV rays for a long time.
- Please do not drop the product or subject it to violent impact.
- Please avoid storing or carrying this device with flammable and explosive materials or corrosive materials.
- Please only use the original power adapter.
- Please do not wait until the device is depleted before recharging, but recharge as often as needed.
- Please do not charge the device if the ambient temperature is too high (above 50°C) or too low (below 0°C).
- Please do not place the device in extremely cold or hot areas, which will shorten the battery life and cause the device to malfunction, even if the battery is fully charged.
- Please do not put the device in a fire.
- If the device is not used for a long period of time, it is better to fully charge the device every 3 months, as excessive discharge of the device may affect its full capacity.

WHAT'S IN THE BOX



P9III

Android 9, internal battery



Power adapter

Type-C port
UK/America/Europe/Australia
Output:
5V/3A, 9V/3A, 12V/3A,
15V/3A, 20V/2.25A



Bracket

For data collector survey pole



Power cable

Type C to type C
1.5 m



USB cable

Type C to USB
1.5 m

YOUR P9III



- Camera
- Speaker
- Strap hole
- Bracket mount
- Touch screen
- Strap
- Left side button
- Right side button
- SIM/TF card slot
- Keyboard
- Microphone
- Wi-Fi/Bluetooth indicator
- Power indicator
- GPS indicator

Type-C port

- **Touch screen:** to interact with the device through simple or multi-touch gestures by touching the screen with a special stylus or one or more fingers.
- **Keyboard:** including numeric keys, letter keys and special function keys, etc. 52 keys.
- **Mircophone:** to make recording, phone calls, etc.
- **Wi-Fi/Bluetooth indicator:**
 - * Green: Wi-Fi is on.
 - * Blue: Bluetooth is on.
 - * Light blue: Wi-Fi and Bluetooth are on.
- **Power indicator:** during charging:
 - * Red: the power is less than 90%.
 - * Green: the power is greater than 90%.
- **GPS indicator:** when the location information is on, the green light is always on.
- **Camera:** to shoot photos.
- **Speaker:** to transmit music, sound and voice.
- **Scrap hole:** to fix the strap.
- **Bracket mount:** to connect the handheld and bracket.
- **Strap:** to take the handheld.
- **Left side button & right side button:** user-defined buttons.
- **SIM/TF card slot:** to insert SIM card and TF card.
- **Type-C port:** to transmit data, video and audio as well as provide charging power, supporting USB OTG.



- **Homepage button:** to back to the homepage.
- **Menu button:** to conduct home settings / create widgets / change wallpaper.
- **Shift button:** to define the definition of the grey area:
 - * Short pressing it: to switch between Chinese and English input methods.
 - * Long pressing it: to switch between numbers keys and function keys or switch between the upper case of English input and lower case.

- **Tab button:** to insert tab characters.
- **Numeric buttons/special character buttons:** to input numbers (0-9) or input special (red) characters via Shift key.

1: ! 2: @ 3: # 4: \$ 5: % 6: ^ 7: & 8: * 9: (0:)

- **Letter buttons:** to input letters (A-Z).
- **Power button:** to power on/off P9III.
- **Return button:** to return to the previous screen.
- **Survey button:** to start data collection if the current interface is the interface of land survey software; otherwise, to switch to the interface of land survey software.
- **Confirmation button:** to confirm information.
- **Direction buttons:** its function differs in the definition of the grey area:
 - * Numeric keys: to move up (↑), down (↓), left (←) and right (→) in the screen or menu.
 - * Function keys: to increase (↑) or reduce (↓) volume, or to lock the capital (→).
- **± button:** its function differs in the definition of the grey area:
 - * Numeric keys: to input -.
 - * Function keys: to input +.
- **Space button:** to input space characters.
- **Decimal point button:** to input a decimal point.
- **Undo button:** to delete one character forward in inputting characters.

POWER ON

The start-up time is about 20 seconds.

Press and hold the power key and release your finger until you feel the device vibrate a little.

POWER OFF

Press and hold the power key until the options menu shows, and select "Power off" option to shutdown.

RESTART

Press and hold the power key until the options menu shows, and select "Restart" to restart the system.

SHOOT THE SCREEN

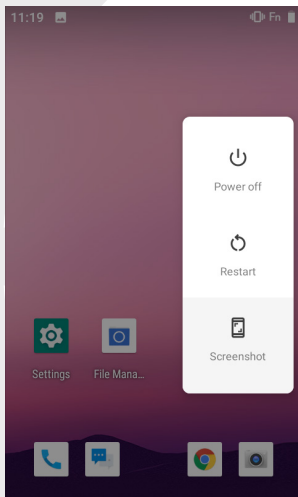
To take a picture of your phone's screen (screenshot), do one of the following:

- Press and hold the power key until the options menu shows, and select "Screenshot".
- Swipe down from the top of the screen, and select "Screenshot".
- Make sure special characters buttons are enabled, press the power key and volume down key at the same time for a few seconds

WAKE THE DEVICE

If the device has been idle for a period of time, the screen will automatically turn off and go into sleep mode.

Press the power key to wake the device.



INSERT A SIM/TF CARD

The disassembly process is the reverse of the installation process.

1. Flip the device to its rear, and remove the strap.
2. Open the SIM/TF card slot.
3. Push the cover of the SIM/TF card backwards.
4. Face the SIM/TF card metal contacts downwards, and push the SIM/TF card into the slot.



INSTALL THE BRACKET

1. Put the bracket onto the bracket mount.
2. Tighten the screw.
3. Put the bracket onto the survey pole.
4. Fix the bracket.

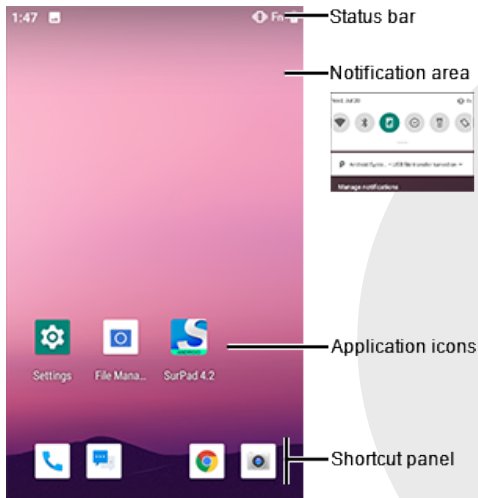
CHARGE THE DEVICE

The device should be fully charged at first use, which lasts about 4 hours. And its endurance can reach more than 20 hours. The adapter is overcharge protected.

1. Insert one end of the power cable into the type C port of the device, and insert another end of the power cable into the power adapter.
2. Insert the power adapter into a power outlet to charge.

HOMEPAGE

After powering on the device, swipe upwards on the screen to unlock the homepage. The layout of homepage is as follows:



Notification area

To open the notification panel, hold the status bar and drag down.

Application icons

- To see all applications, swipe upwards on the homepage.
- To move an application, press and hold the icon, and drag it to the desired location on the homepage.
- To remove an icon, press and hold the icon, and drag up to the "Remove" icons.

Shortcut panel

To add a shortcut icon, press and hold the icon and drag it down to "Shortcut panel".

Folder

- To create a folder, drag the application icon onto another on the homepage.
- To rename the folder, tap the folder, and tap "Unnamed Folder" area, and input a new name.


Conduct home settings / Create widgets / Change wallpaper

Press and hold a blank area on the homepage, and select "Home settings" / "Widgets" / "Wallpapers". *Alternatively, press the menu button.*

TRANSMIT DATA

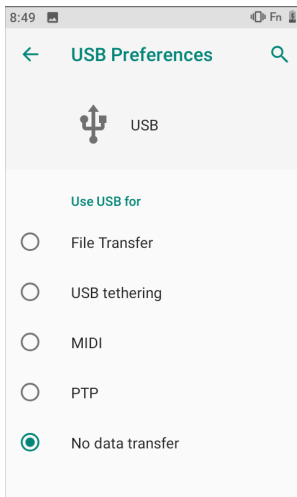
This operation is applicable to windows 7, windows 10 and windows 11. You can transmit data via the local disk or Bluetooth.

Via the local disk


1. Insert the type C end of the power cable into the type C port of the device, and insert the USB end of the power cable into your computer.
2. Swipe down from the top of the screen, and tap  Android Sys... • Charging this device via U... ▾, tap the option again. "USB Preferences" page shows.
3. Tap "File Transfer". The device drive shows in your computer.

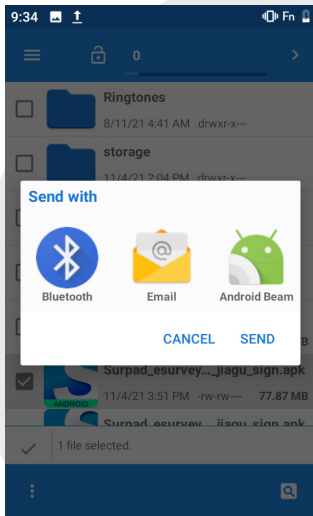
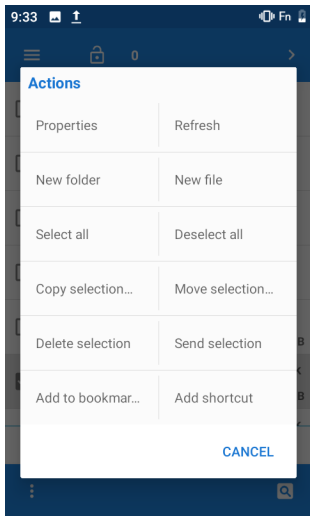


4. Open the device drive, select the target files and paste/move the files into your computer.




Via the Bluetooth

1. Open the app "File Manager", and select the target file to be transmitted.
2. Tap  in the lower left, and select "Send selection" → "Bluetooth", and tap "SEND". The device starts to search the Bluetooth device.



3. Turn on the Bluetooth of your computer, and select the target Bluetooth device via P9III.
4. Select "Receive a File". The file starts to be transmitted.
5. After file transmission, select the target file path to save the received file.

- Add a Bluetooth Device
- Allow a Device to Connect
- Show Bluetooth Devices**
- Send a File
- Receive a File**
- Join a Personal Area Network
- Open Settings
- Remove Icon

←  Bluetooth File Transfer ✕

The file is being received

Receiving from: |p936141032002

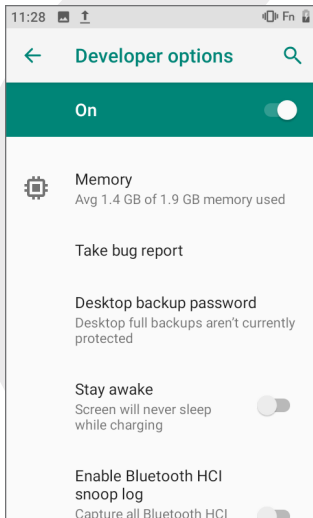
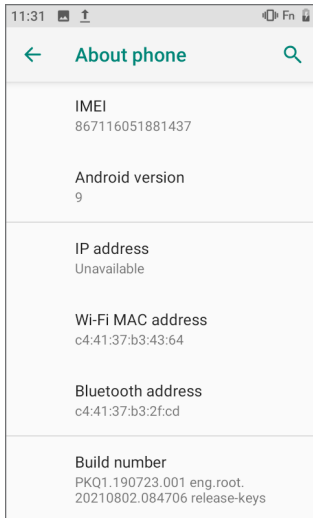
File name: Surpad_esurvey_v4.2_42211104083910_jiagu_sign.apk

Receiving...

Next Cancel

SELECT DEVELOPER OPTIONS

1. Open the app "Settings", and tap "About phone".
2. Continuously tap "Build number" 7 times. The prompt "You are now a developer" shows.
3. Return to the previous page.
4. Tap "System", tap "Advanced", and tap "Developer options".
5. Select the target developer options.



UPDATE THE SYSTEM

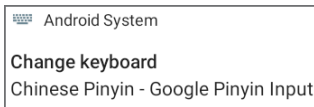
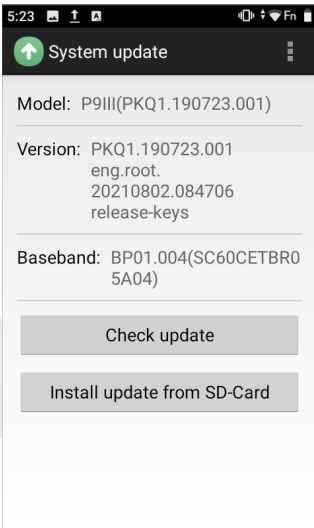
If there is a updated version of the system firmware under networked status, the update alert will be automatically pushed in the notification area.

1. Swipe upwards on the homepage, tap the application "System update".
2. Do one of the following:
 - * Under networked status, tap "Check update", and start to update the system according to tips if there is a updated version.
If there is no updated version, a prompt "No available update" shows.
 - * Install the SIM card with the updated package, tap "Install update from SD-Card", select "File Manager", find the updated package in the target file path, and start to update the system according to tips.

CHANGE AN INPUT METHOD

You can use third-party input methods on the device, and change the input method during inputting data.

1. Swipe down from the top of the screen during inputting data, and tap "Android System-Change keyboard" in the notification area.
2. Select a input method.

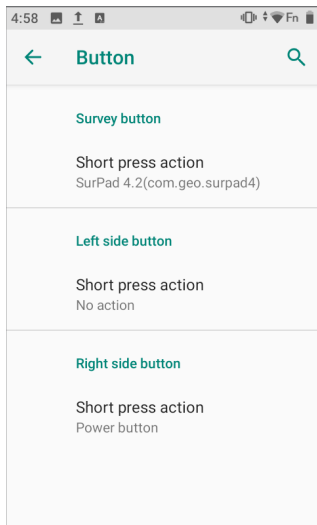


CUSTOMIZE THE BUTTON DEFINITION

You can freely define the action of survey button, left side button and right side button. After the customization, you can quickly access to the target application by short pressing the button.

Survey button is customized to access the land survey software "Surpad" by default.

1. Open the app "Settings", and tap "Button".
2. Tap each button, and select the target action.



*To be the leading provider of high-precision professional,
solution & service in the global geospatial industry*

Shanghai eSurvey GNSS Co., Ltd.

Address: Building 4, No.651 Wanfang Rd, Pujiang Town, Minhang District, Shanghai, China

E-mail: Sales: info@esurvey-gnss.com Support: support@esurvey-gnss.com

Hotline: +86 400-9998088

Website: <https://esurvey-gnss.com/>