

# PCR100T QUICKSTART GUIDE



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# 1. Before You Start

Dear customers,

Thank you for purchasing our device. Before you start, please carefully read the following:

1. This user guide is for your device only. If the actual situation does not match with the situation in the user guide, the actual situation shall prevail.
2. For safety and instructions on how to use this device, please carefully read the precautions, exemptions from responsibility and instructions in the user guide.
3. The information in this user guide is subject to change without notice. We reserve the right to change or improve the device as well the content in the user guide without further notification.

## 1.1 Precautions For Safe Operation

For the safety of your products, operators and other persons, please read this part carefully before using your product.

Precautions can be divided into the following levels according to the degree of loss or injury under negligence or omission circumstances:

 **Warning:** Precautions requiring special attention. Ignoring this indication may result in death or serious injury to the operator.

 **Caution:** Precautions mainly for informing, such as supplementary instructions and using limitations. Ignoring this indication may result in personal injury or property damage.

### 1.1.1 Warning

1. Do not disassemble and open the device by yourself. Only TokNav Information Technology authorized distributors can disassemble or rebuild the device.
2. Please do not cover the charger when charging.
3. Please do not use wet charger, defective power cable, socket or plug, and other power cable which is not recommended by TokNav Information Technology.

Otherwise, fire or electric shock may occur.

4. Please do not place the device near burning gas or liquid, and do not place it in an open flame or high temperature environment. Otherwise an explosion may occur.
5. Please avoid battery short circuit. Otherwise a fire may occur.
6. Please avoid the interference of severe electrostatic discharge. Otherwise, the device may experience some performance degradation, such as automatic opening/closing, etc.

### 1.1.2 Caution

1. Please fix the device firmly on the pole.
2. To avoid accidental damage, only use original accessories. Otherwise, the device may be damaged.
3. When transporting, please try to reduce the vibration of the equipment.
4. Do not touch the device with wet hands. Otherwise, electric shock may occur.
5. Please do not stand or sit on the carrying case, and do not turn it over, otherwise the device may be damaged.

## 1.2 Exemption From Liability

You should follow all operating instructions and periodically check the performance of this equipment.

We disclaim all liability for any damages and lost profits caused by:

1. False or Intentional Use or Misuse.
2. Any irresistible natural disasters, such as earthquakes, storms, floods, etc.
3. Data change, data loss, business interruption, etc.
4. Delivery error.
5. Use non-original accessories.
6. Operations not described in the user guide.

## 2. PCR100T At A Glance

### 2.1 Key Description

Power Button: Press and hold to power the device on or off.

Navigation Keys: Use to navigate up, down, left, and right.

Back Key: Returns to the previous screen or the home screen.

App Key: Provides quick access to app-related functions.

FN Key: Short press to toggle the physical numeric keypad input method; long press to bring up the virtual keyboard settings.

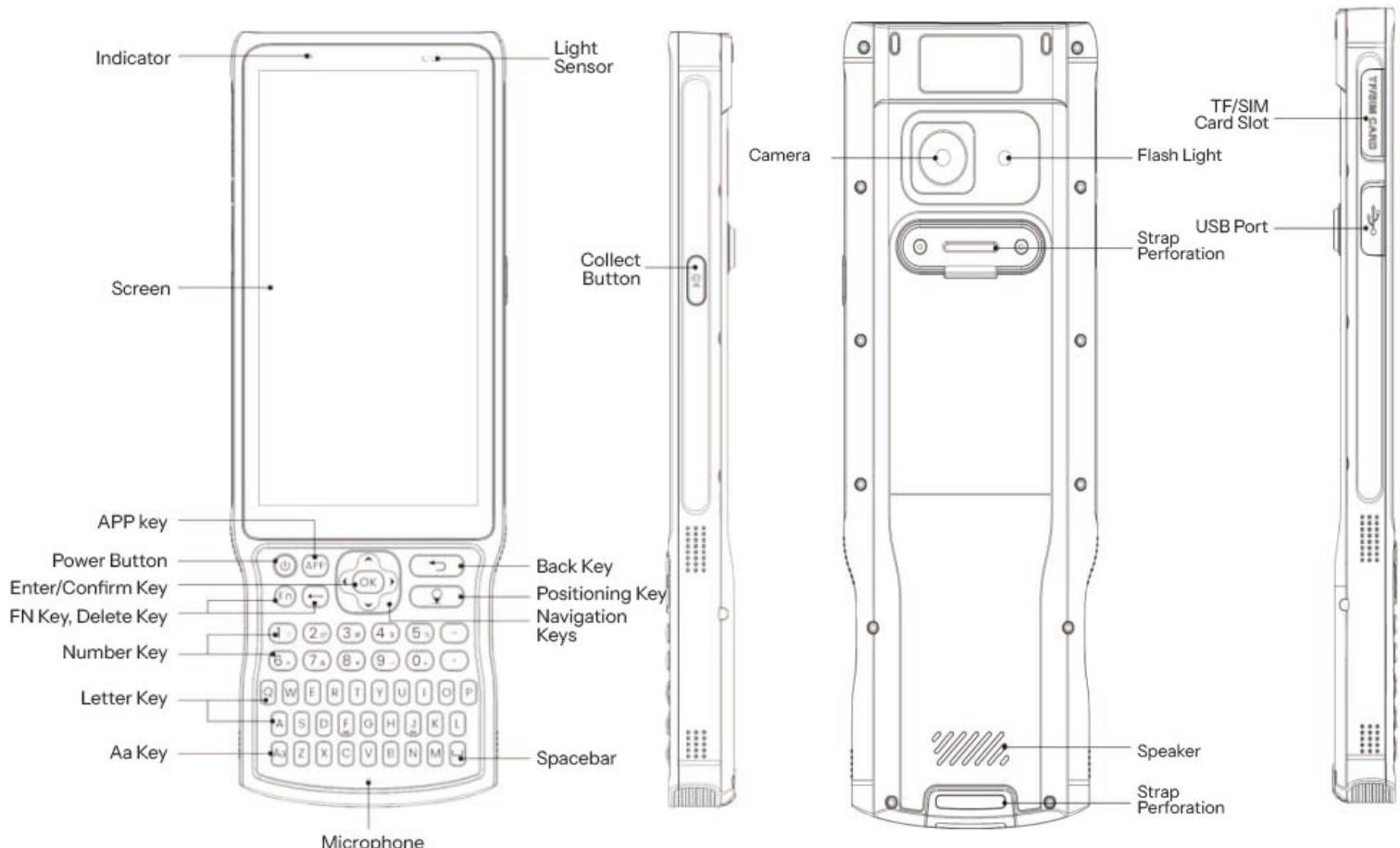
Aa Key: Toggles Caps Lock on the physical keyboard.

Enter/Confirm Key: Confirms the selected action or option.

Delete Key: Deletes the character to the left of the cursor.

Positioning Key: In the survey application interface, short press to quickly start a measurement or access positioning functions.

Spacebar: Inserts a space character.



## 2.2 Battery charge

### ● Charging with the Adapter

Connect the small end of the USB cable to the device's Type-C port. Plug the large end of the USB cable into the charger, then insert the charger into a wall outlet to begin charging.

### ● Charging via USB Cable

Connect the small end of the USB cable to the device's Type-C port. Plug the large end into a computer's USB port to charge.

## 2.3 Installing the SIM Card and Memory Card

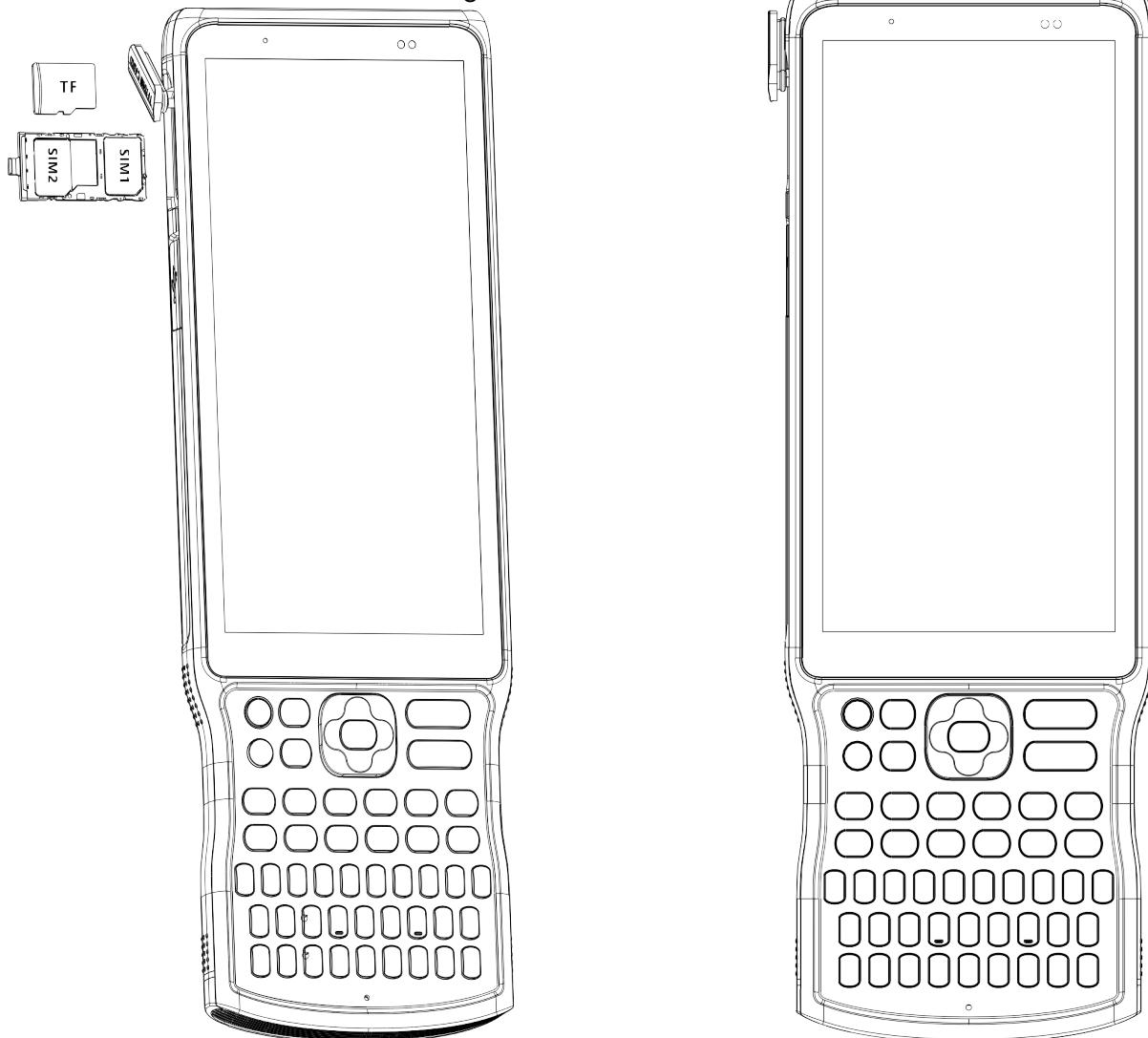
### ● Installing a SIM Card

Insert the SIM ejector tool into the hole on the SIM card tray. Press firmly until the tray pops out. Carefully remove the tray and place the SIM card into it, making sure it is aligned and lies flat. Reinsert the tray into the device. The handheld device supports dual SIM cards, allowing both SIM1 and SIM2 to be used simultaneously.

### ● Installing a Memory Card

The SIM2 slot can also be used for a memory card. When a memory card is inserted, only one SIM card can be used. The device supports microSD™ or microSDHC™ memory cards formatted with the FAT file system. If a card with a different file system is inserted, the device will prompt you to reformat it. Note that frequent writing and deleting may reduce the lifespan of the memory card. Once inserted, the card's file directory will appear in the internal storage under:

/sdcard/sd (within moviNAND™ storage).



## 2.4 Important Notes

The connector is rated IP68 for water resistance.

After charging, or after inserting/removing the SIM card or memory card, make sure to firmly reseal the protective plug back into its slot. The plug must sit flush with the surrounding surface to maintain waterproof integrity and prevent damage to the device's water-resistant features.

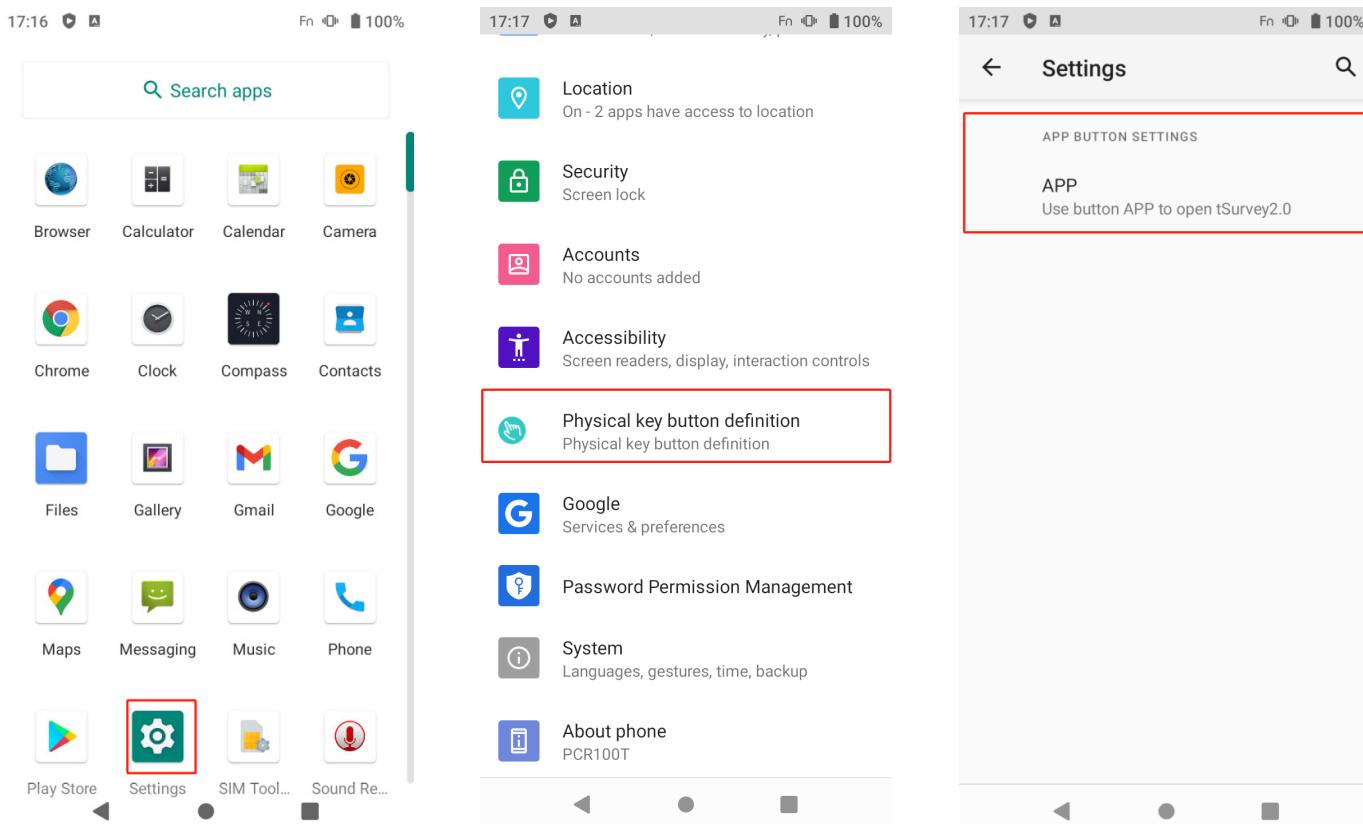
## 2.5 Powering On and Off

- To power on the device, press and hold the Power button until the startup animation appears.
- To power off, press and hold the Power button, then select the "Power Off" option from the menu.
- When the device is powered on, press the Power button once to turn off the screen and enter sleep mode. Press it again to wake the screen. Swipe up to unlock. If there is no activity for a period of time, the device will automatically turn off the screen and enter sleep mode to save power.

## 2.6 Home Screen Operations

- From the Home Screen, you can view device status and access apps. Swipe up from the bottom to see all available applications.
- The top of the screen contains the Status Bar, which includes notification icons, system status indicators, and the current time.
- The Navigation Bar at the bottom allows you to easily go back, return to the home screen, or switch between apps using the on-screen buttons.
- The handheld device uses Touch Mode by default, but you can switch to Stylus Mode in the settings. Once changed, your selection is saved even after shutting down and restarting the device.

## 2.7 APP Key Configuration



From the Home Screen, swipe up to enter the App Drawer, then tap on "Settings".

Scroll down and find "Physical Key Button Definition", then tap to enter the configuration menu.

Here, you can assign a specific app to the APP Key. Once set, pressing the APP Key will instantly launch the selected application.

## 3. Safety Precautions

1. Do not use this device in restricted areas such as airports, hospitals, or gas stations. Always follow local regulations and avoid operating the device in prohibited locations.
2. Do not use the device while driving, as it may distract you and lead to accidents.
3. Keep the device away from vehicle airbags to prevent potential injury or equipment damage in case of airbag deployment.
4. Avoid using the device during thunderstorms to ensure personal safety.
5. Although this device is water-resistant, avoid prolonged exposure to wet or humid environments.
6. Operating temperature range: -4°F to 131°F (-20°C to +55°C); Storage temperature range: -40°F to 158°F (-40°C to +70°C). Exposure to extreme temperatures may reduce performance or shorten the product's lifespan.
7. This device is built to withstand tough environments, but misuse may still result in damage.
8. Do not attempt to disassemble the device. If the unit malfunctions, please take it to an authorized service center for repairs.
9. Dispose of the device properly at the end of its life cycle according to local environmental regulations to minimize environmental impact.

## 4. Battery Guidelines

1. This device is powered by a rechargeable lithium battery. When battery level is low, recharge it promptly. For optimal battery life, it is recommended to fully discharge the battery before recharging.
2. Always unplug the charger from the outlet when not in use. Avoid leaving the charger connected to the battery for more than a week, as overcharging can shorten battery lifespan.
3. Battery performance is affected by temperature. Before charging, allow the battery to cool down or warm up to room temperature if needed.
4. Avoid battery short circuits. This can occur if conductive materials accidentally connect the battery's positive and negative terminals.
5. Do not use damaged batteries.
6. Do not store the battery in extremely hot or cold environments, even if it's fully charged, as this can damage both the battery and the device.
7. Prevent battery fires. Always dispose of used batteries properly by taking them to a battery recycling facility, and comply with local disposal regulations.

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