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MUNBYN IPDA084 Android Barcode Scanner User Manual

Contents

MUNBYN IPDA084 Android Barcode Scanner

Product intro

Intro

- IPDA084P is an industrial-grade smart handheld terminal.
- It is based on Android 10.0, which runs fast and has a long battery life. To meet the needs of multi-industry applications like logistics express, warehouse inventory, manufacturing, retail, etc., it can help customers quickly access information and improve the efficiency of outbound storage inventory.
- **The user manual download link: https://munbyn.biz/084um**
- **The SDK download link: https://munbyn.biz/084sdk**

Precaution before using battery

- Do not leave the battery unused for long time, no matter it is in device or inventory. If battery has been used for 6 months already, it should be checked for charging function or it should be disposed correctly.
- The lifespan of a Li-ion battery is around 2 to 3 years. It can be charged for 300 to 500 times. (One full battery charge period means completely charged and completely discharged.)
- When a Li-ion battery is not in use, it will continue to discharge slowly. Therefore, battery charging status should be checked frequently and take reference of the related battery charging information on the manual.
- Observe and record the information of a new unused and non-fully charged battery. On the basis of the operating time of new battery and compare with a battery that has been used for a long time. According to the product configuration and application program, the operating time of the battery would be different.
- Check battery charging status at regular intervals.

- When battery operating time drops below about 80%, charging time will be increased remarkably.
- If a battery is stored or otherwise unused for an extended period, be sure to follow the storage instructions in this document. If you do not follow the instructions, and the battery has no charge remaining when you check it, consider it to be damaged. Do not attempt to recharge it or to use it. Replace it with a new battery.
- Store the battery at temperatures between 5 °C and 20 °C (41 °F and 68 °F).

Charger

Please use the original adapter and cable otherwise the machine will not be charged or even be damaged.

Notes

1. Using the incorrect type of battery has the danger of explosion. Please dispose of the used battery according to the instructions.
2. The charging port of the device is a type-c interface.
3. The adapter shall be installed near the equipment and shall be easily accessible.
4. The suitable temperature for the product and accessories is 0-10℃ to 50℃.

Installation instructions

Appearance

IPDA084P front and side appearances are showing as follows:

Buttons instruction

Button	Function
Power Button	Press and hold to turn the device on or off
Custom Function Button	Customize function by software
SCAN	Scan Button
X	Cancel Button
Num	Switch white keyboard function
Fn	Switch orange keyboard function
Setting Button	Right of the Fn Button
Enter	Enter Button

AInstall Micro SD and SIM cards

Detailed installation of Micro SD SIM PSAM Card steps are as follows:
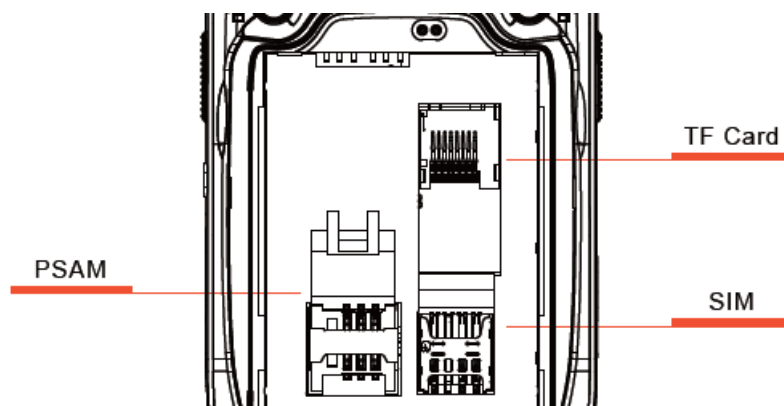
Battery charge

By using USB Type-C contact, the original adapter should be used for charging the device. Make sure not to use other adapters to charge the device.

Device Power on/off

Press the 'Power' button on the top about 3s to power on/off. And press it shortly to wake up.


Keyboard emulator

Keyboard emulator detailed operation manual download link: **https://munbyn.biz/083kem**

Function setup and keycode

In the function list, user can select supported function that can be realized by keyboard emulator. For example, if the device has equipped with 2D barcode scanning module, option "Barcode2D" should be selected for scanning 1D/2D barcode.

Click "Keycode" to acquire focus point, press the button "SCAN", then the related key code will be entered on the line automatically.
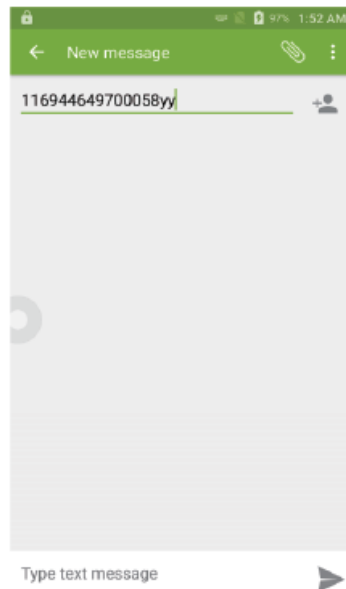
The keycode: Left scan key: 139 / Right scan key: 139
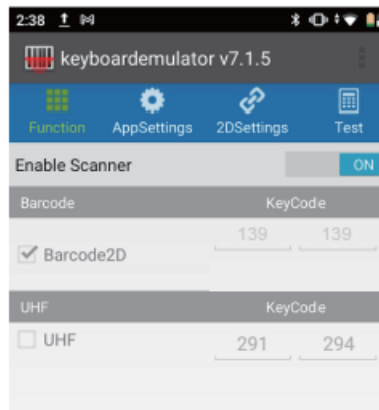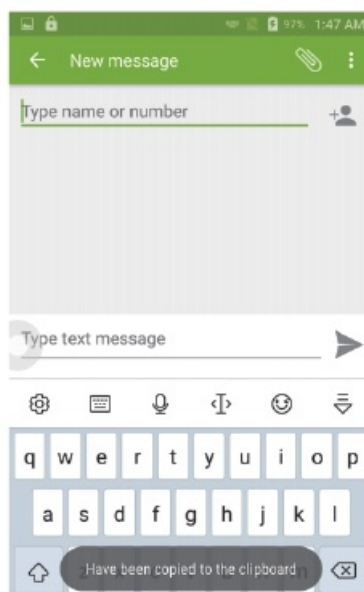

Process mode
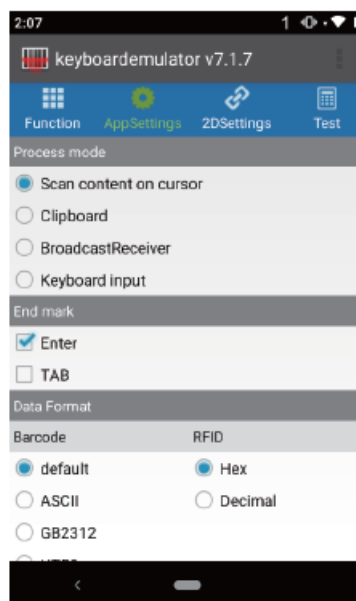
- Process mode means how the data will be processed after barcode data has been read out.
- **Scan content on cursor:** Enter read-out data in cursor position.
- **Keyboard Input:** Enter read-out data in cursor position,it is same as input data on an analog keyboard.

- **Clipboard:** copy the read-out data on clipboard, paste data on the place that user needs.

- **Broadcast Receiver:**

  It's the method that using the broadcast mechanism of Android to transfer read-out barcode data to customer's program.In this way, the codes of API in SDK do not need to be written into customer software codes, read-out data can be acquired by registering broadcast and customer can operate read-out data according to logic requirement. After select "Broadcast Receiver", "Broadcast name" and "Key" need to be adjusted.

  Broadcast name: It's the broadcast name of acquired data in customer software.

- **Key:** Acquire the corresponding key designation of the broadcast.

Additional information

The additional information means add extra data at front or rear on scanned barcode data.

- "Prefix": add data at the front of read-out data.
- "Suffix": add data at the rear of read-out data.

For example, if the original read-out data is "12345678", prefix will be modified as "111" and suffix will be modified as "yy", the final data will display "11112345678yy".
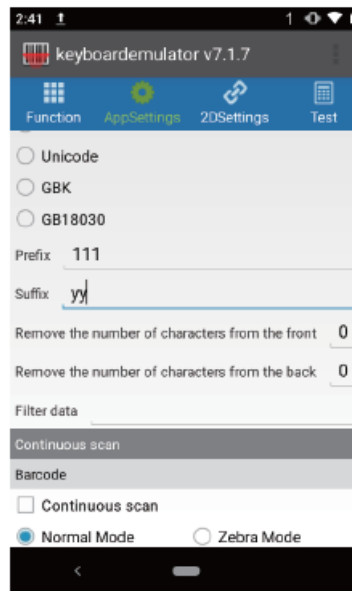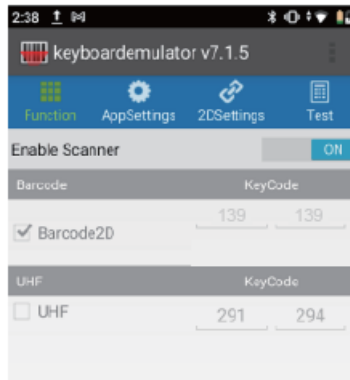
Continuous scan setup

Select continuous scan, user can adjust the interval and time out.
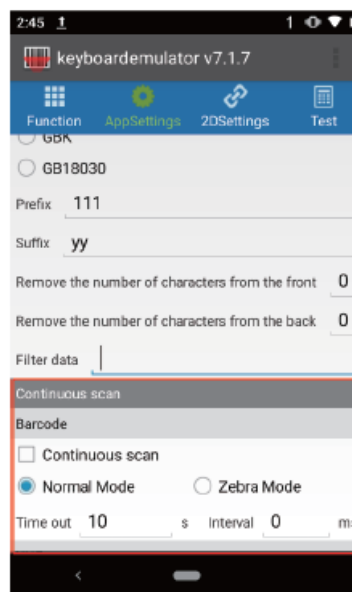
Enable scanner

After all previous functions have been adjusted, click "Enable scanner" to switch on scanner, now user can use all the functions of keyboard emulator.

Barcode reader-writer

1. In App Center, to open 2D barcode scan test.
2. Press "SCAN" button or click scan key to start scanning, the parameter "Auto interval" can be adjusted.
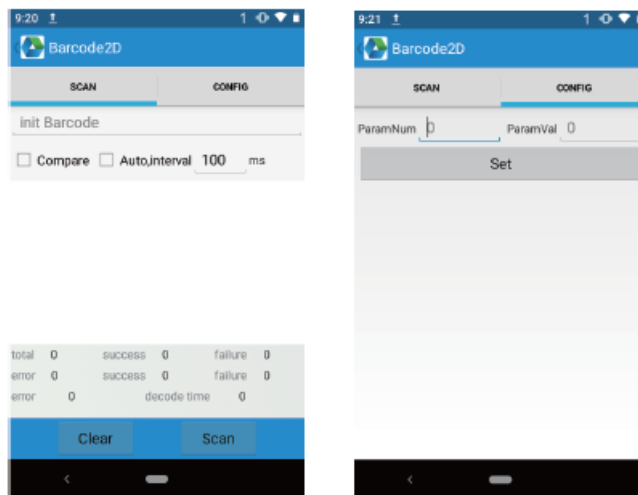
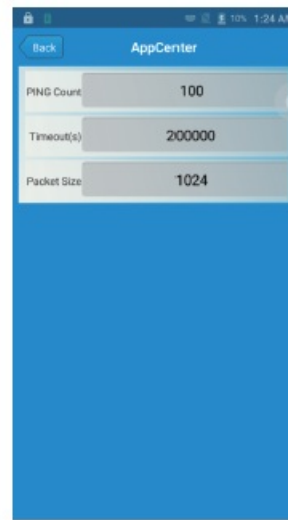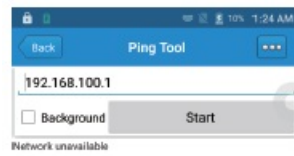**Caution:** Please scan codes in the correct way otherwise the scanning will fail.

2D code:

Other functions

PING tool

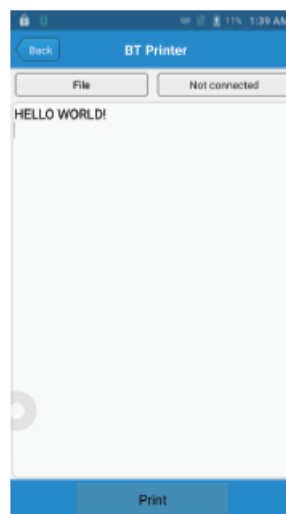1. Open "PING" in App Center.
2. Setup PING parameter and select external/internal address.

Bluetooth

1. Open "BT Printer" in App Center.
2. In the list of detected devices, click the device that you want to pair with.
3. Select printer and click "Print" to start printing contents.
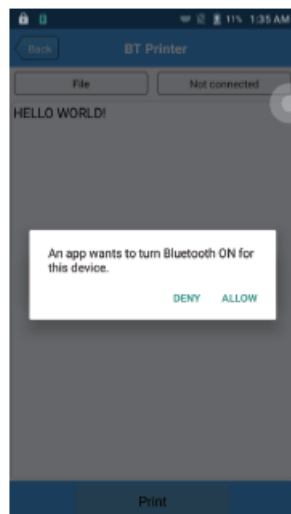
GPS

1. Click "GPS" in App Center to open GPS test.
2. Setup GPS parameters to access GPS information.
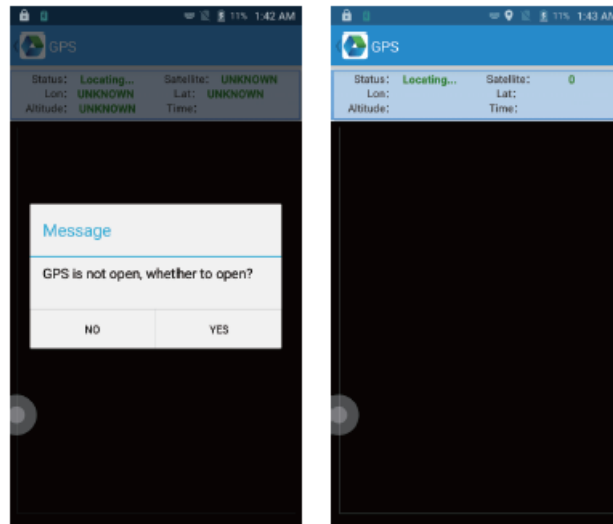
Volume setup

1. Click "Volume" in App Center.
2. Setup volume by requirements.
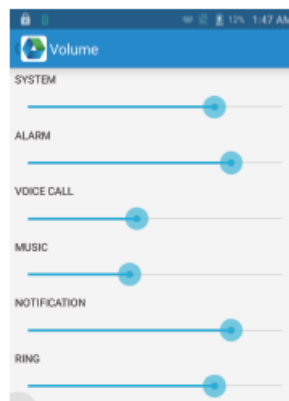
Sensor

1. Click "Sensor" in App Center.
2. Setup the sensor by requirements.
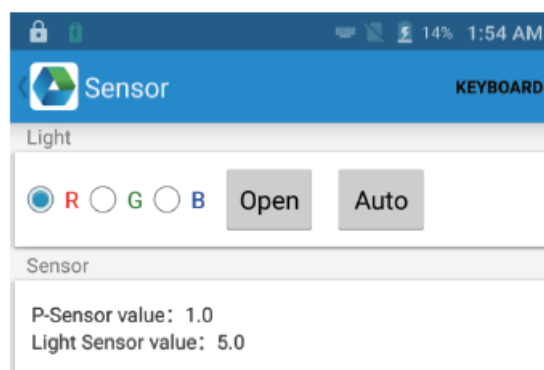
Keyboard

1. Click "Keyboard" in App Center.

2. Setup and test the main value of the device.
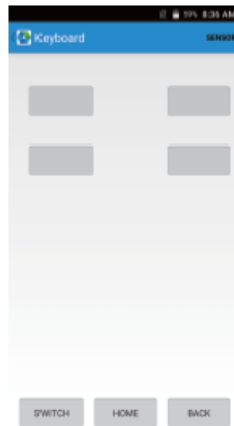
Network

1. Click "Network" in App Center.
2. Test Wi-Fi/Mobile signal by requirements.
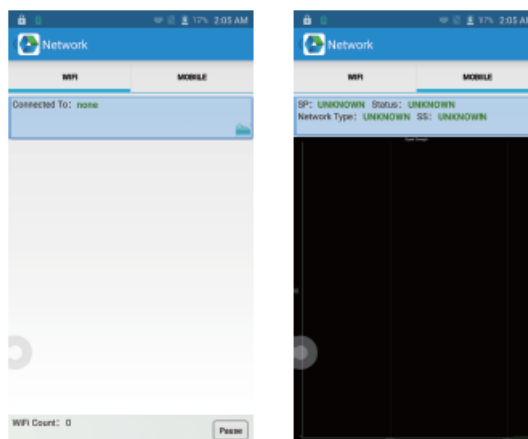
Need Tech Support ,Contact Us by:

MUNBYN provides 18 months warranty and lifetime free service. If you encounter any issues with the product, please contact the MUNBYN team to promptly receive troubleshooting tips or a replacement.

- **Email: support@munbyn.com** (24-7 online support)
- **Website: www.munbyn.com** (how-to videos, warranty details)
- **WhatsApp:** +8617817881067

TROUBLESHOOTING FAQ'S

- **Why is there no light when scanning?**

  First make sure that "Enable Scanner" is turned on and the keycode entered is correct.
  - Left scan key: 139
  - Right scan key: 139

- **Why can't my newly purchased device be turned on, even after charging for more than half an hour?**

  It must be that the insulation sticker of the battery has not been torn off, please tear off the insulation sticker of the battery before turning on the machine. In addition, you should use the original adapter and cable otherwise the machine will not be charged or even be damaged.

- **How to use the battery correctly?**

  The battery is Li-ion battery. Please immediately charge the battery when the power is less than 20%. Don't keep the battery with full power or no power for a long time. The best way to store it is to keep 50% power of the battery. And if you don't use the PDA for a long time, it is better to pull out the battery from PDA.

- **The device cannot be charged.**
  - Check the adapter and charging port for malfunction.
  - If the device is not used for a long time, please keep it charged for 30 minutes. Then check the device lights on or not.
  - Replace the battery with the new one. And check device or battery for malfunction.

- **What are the precautions when switching between normal mode and continuous mode?**

  When switching between normal mode and continuous mode, you need to restart the keyboard assistant, and switch Enable Scanner again. We recommend you to use normal mode.

- **After linking Wi-Fi, it already shows that the linked Wi-Fi has** been saved, but the network is not available. Why

  This situation shows that the Wi-Fi signal is very weak. It is recommended to connect to Wi-Fi where the signal is strong. * If you still have problems, please contact the technical team.

FREQUENTLY ASKED QUESTIONS

What is the MUNBYN IPDA084 Android Barcode Scanner?

The MUNBYN IPDA084 is an Android-based barcode scanner designed for various business applications. It combines a handheld device with an integrated barcode scanner, allowing users to scan barcodes and perform other tasks using Android applications.

What operating system does the MUNBYN IPDA084 use?

The MUNBYN IPDA084 uses the Android operating system, providing a familiar and versatile platform for users. This allows the device to run a variety of Android applications for business and productivity purposes.

Is the MUNBYN IPDA084 suitable for inventory management?

Yes, the MUNBYN IPDA084 is suitable for inventory management. With its integrated barcode scanner and Android capabilities, it can be used for efficient inventory tracking, stocktaking, and other related tasks.

What types of barcodes can the MUNBYN IPDA084 scan?

The MUNBYN IPDA084 is designed to scan various types of barcodes, including 1D and 2D barcodes. This includes commonly used barcode formats such as UPC, EAN, QR codes, and more.

Does the MUNBYN IPDA084 support wireless connectivity?

Yes, the MUNBYN IPDA084 typically supports wireless connectivity options, such as Wi-Fi and Bluetooth. This allows the device to connect to networks, printers, and other compatible devices wirelessly for enhanced flexibility.

What is the display size of the MUNBYN IPDA084?

The display size of the MUNBYN IPDA084 may vary, and users can refer to the product specifications for specific details on the screen size. A larger display is beneficial for viewing information and navigating Android applications.

Can the MUNBYN IPDA084 run third-party Android applications?

Yes, the MUNBYN IPDA084 is typically capable of running third-party Android applications. Users can install and use various business, productivity, and barcode scanning applications available on the Android platform.

What is the battery life of the MUNBYN IPDA084?

The battery life of the MUNBYN IPDA084 may vary, and users can refer to the product specifications for information on the device's battery life. This detail is important for assessing its usability during extended use in business environments.

Is the MUNBYN IPDA084 durable for industrial use?

The durability of the MUNBYN IPDA084 may vary, but it is often designed for commercial and industrial use. Users should check the product specifications for details on its ruggedness, including resistance to drops, dust, and other environmental factors.

Can the MUNBYN IPDA084 be used for point-of-sale (POS) applications?

Yes, the MUNBYN IPDA084 can be used for point-of-sale (POS) applications. Its barcode scanning capabilities and Android platform make it suitable for retail and POS environments, allowing businesses to process transactions efficiently.

What is the storage capacity of the MUNBYN IPDA084?

The storage capacity of the MUNBYN IPDA084 may vary, and users can refer to the product specifications for specific details on the device's storage capacity. Sufficient storage is important for installing and running Android applications and storing data.

Is the MUNBYN IPDA084 equipped with a camera?

Yes, the MUNBYN IPDA084 typically features a built-in camera. The camera can be used for various purposes, including capturing images, scanning documents, and integrating visual information into business applications.

What accessories are included with the MUNBYN IPDA084?

The accessories included with the MUNBYN IPDA084 may vary, but they often include items such as a charging cable, power adapter, and user documentation. Users should check the product package for a complete list of included accessories.

Can the MUNBYN IPDA084 be used for mobile ticketing applications?

Yes, the MUNBYN IPDA084 is often suitable for mobile ticketing applications. Its barcode scanning capabilities make it convenient for scanning tickets and QR codes in various mobile ticketing scenarios.

Is the MUNBYN IPDA084 suitable for outdoor use?

The suitability of the MUNBYN IPDA084 for outdoor use may depend on its ruggedness and environmental resistance. Users should check the product specifications for details on its suitability for outdoor environments.

What is the warranty coverage for the MUNBYN IPDA084 Android Barcode Scanner?

The warranty for the MUNBYN IPDA084 typically ranges from 1 year to 2 years.

VIDEO – PRODUCT OVERVIEW

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References

- **User Manual**