

Bisofice H5

Bisofice H5 Handheld POS Terminal User Manual

Model: H5 (PDA123029)

1. INTRODUCTION

The Bisofice H5 Handheld POS Terminal is a versatile device designed for various business applications, including retail, restaurants, and logistics. It integrates an Android 8.1 operating system, a high-speed thermal printer, and a 1D/2D barcode scanner into a compact, portable unit. This manual provides essential information for setting up, operating, and maintaining your device.



Figure 1: Bisofice H5 Handheld POS Terminal in use, demonstrating receipt printing.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Operating System:** Android 8.1 for smooth and stable application performance.
- **Processor:** MTK Dual CPU for efficient operation.
- **Memory:** 1GB RAM + 8GB ROM.
- **Display:** 5.0-inch HD IPS touchscreen (1280x720 resolution) with G+FF features.
- **Printer:** Integrated high-speed 58mm thermal printer with print speeds over 75mm/s. Supports 58x40mm paper rolls.
- **Barcode Scanner:** 2-megapixel rear camera with focus for 1D/2D barcode recognition.
- **Connectivity:** 3G (GSM: B2/B3/B5/B8, WCDMA: B1/B2/B5/B8), 2.4G WiFi (IEEE 802.11 a/b/g/n), Bluetooth (BT2.1/3.0/4.0 BLE).
- **Battery:** 8.4V, 2500mAh Lithium-ion polymer battery for extended use.
- **Interface:** Type-C communication port.

2.2 Package Contents

Ensure all items are present upon unboxing:

- 1 x Bisofice H5 PDA Machine
- 1 x Type-C Cable
- 1 x Thermal Paper Roll

**OS**
Android 8.1

**Memory**
1 GB RAM+8GB ROM

**Display**
5.0"HD+,1280*720

**Rear Camera**
2MP Flashlight
1D/2D barcode recognition

**Printer**
58*40mm,75mm/s
Life spam≥50km
Paper roll:Φ40mm

**Charger**
Input: AC100-240V
Output: DC5V-2A

**Speaker**
0.8W; 95dB

**Ports**
1*Type C,Support OTG

**Battery**
8.8V/2550mAh

**CPU**
4-core
1.3GHZ

**Network**
GSM: B2/B3/B5/B8
WCDMA: B1/B2/B5/B8
WiFi: 2.4GHZ
BT/Global Position System

**GPS/A-GPS**
Support GPS& A-GPS



A hand holding the Bisofice H5 PDA Machine. The device has a black frame and a large touchscreen displaying an Android home screen with various app icons. A thermal receipt is being printed from the top of the device. The receipt is titled 'Cash Receipt' and contains transaction details including a Vei #, date, time, and a list of items with prices. The total amount is 76.57. The receipt also includes a barcode and a thank you message.

Figure 2: Detailed specifications and features of the Bisofice H5.

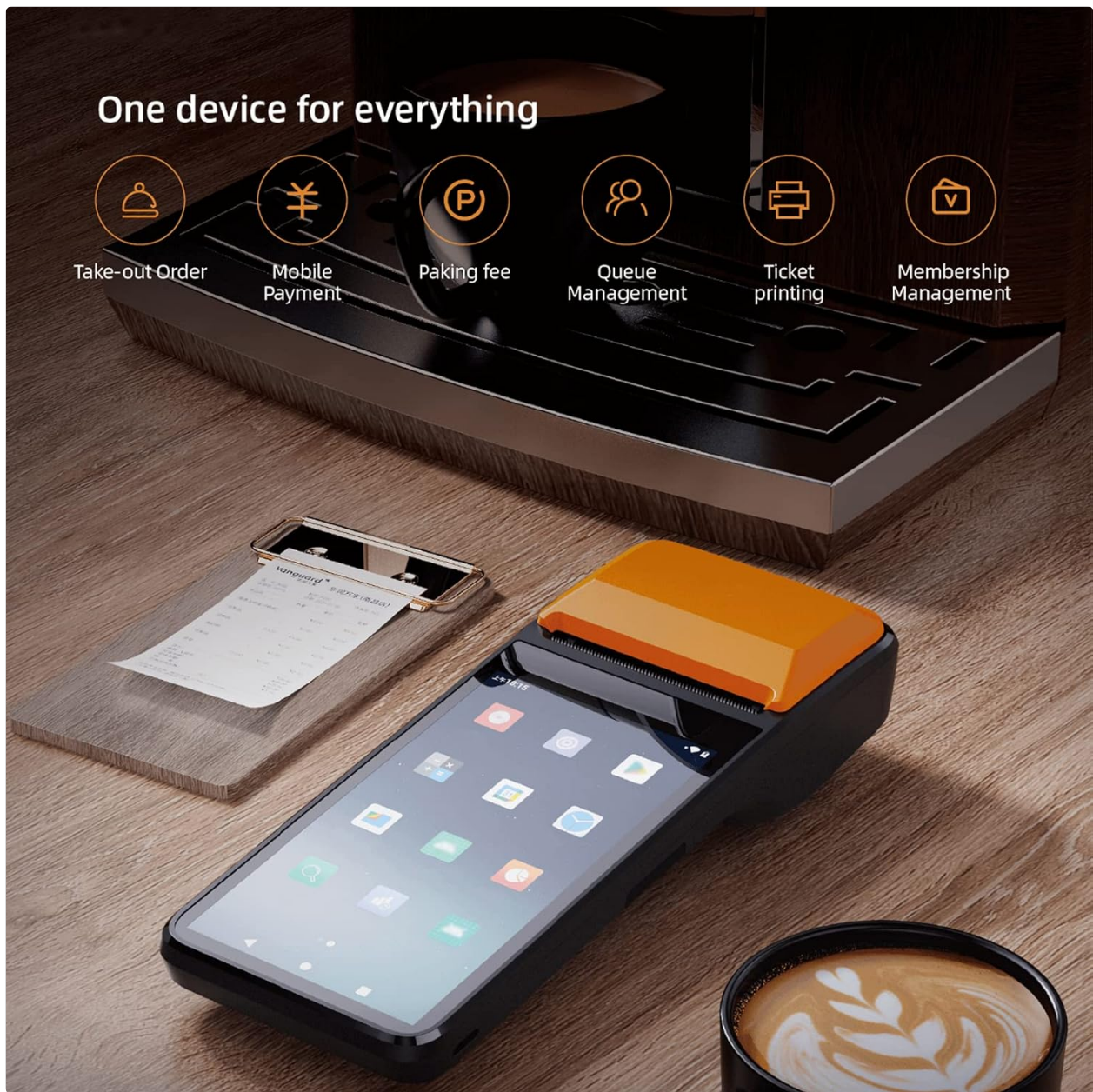


Figure 3: Diverse application scenarios for the Bisofice H5.

3. SETUP

3.1 Charging the Device

1. Connect the provided Type-C cable to the charging port on the device.
2. Connect the other end of the cable to the charger (Input: AC 100-240V, Output: 5V, 2A) and plug it into a power outlet.
3. The device will indicate charging status on the screen. A full charge typically takes approximately 2 hours.

3.2 SIM Card Installation

The device supports a standard SIM card for 3G network communication.

1. Locate the SIM card slot on the device.
2. Carefully insert your standard SIM card into the slot, ensuring correct orientation.
3. Gently push until the SIM card is securely in place.

3.3 Thermal Paper Installation

The integrated thermal printer uses 58mm wide thermal paper rolls.

1. Open the printer cover located at the top of the device.
2. Insert the thermal paper roll (58x40mm recommended) into the compartment, ensuring the paper feeds out from the bottom of the roll.
3. Pull a small length of paper out beyond the cutting edge.
4. Close the printer cover firmly until it clicks into place.



Figure 4: Proper installation of thermal paper roll.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- **To Power On:** Press and hold the power button (usually on the side) until the screen lights up.
- **To Power Off:** Press and hold the power button, then select 'Power Off' from the options displayed on the screen.

- **To Restart:** Press and hold the power button, then select 'Restart' from the options.

4.2 Basic Navigation

The device operates like a standard Android smartphone. Use the 5.0-inch IPS touchscreen for navigation:

- **Tap:** To select an item or open an application.
- **Swipe:** To scroll through menus or pages.
- **Pinch/Spread:** To zoom in or out (if supported by the application).

4.3 Printing Receipts

To print receipts, you will need a compatible POS application installed on the device. Once the application is set up:

1. Ensure thermal paper is correctly loaded (refer to Section 3.3).
2. Open your POS application and complete the transaction or select the document to print.
3. Initiate the print command within the application. The device's integrated thermal printer will automatically print the receipt.

4.4 Barcode Scanning

The device's 2-megapixel rear camera functions as a 1D/2D barcode scanner.

1. Open an application that supports barcode scanning.
2. Point the rear camera at the barcode you wish to scan.
3. Ensure the barcode is within the camera's focus area. The application will typically provide visual feedback upon successful scan.

2MP HD Rear Camera

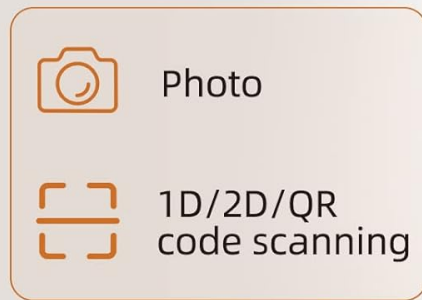


Figure 5: Rear camera for barcode scanning.

4.5 Network Connectivity

The device supports multiple connectivity options:

- **Wi-Fi:** Go to *Settings > Network & internet > Wi-Fi* to connect to available wireless networks.
- **3G:** Ensure a valid SIM card is installed. Go to *Settings > Network & internet > Mobile network* to configure mobile data settings.
- **Bluetooth:** Go to *Settings > Connected devices > Bluetooth* to pair with other Bluetooth-enabled devices.

5. MAINTENANCE

5.1 Cleaning the Device

- Use a soft, dry, lint-free cloth to clean the screen and exterior of the device.
- For stubborn marks, slightly dampen the cloth with water or a screen cleaner. Avoid harsh chemicals.
- Do not spray liquids directly onto the device.

5.2 Battery Care

- Avoid exposing the device to extreme temperatures, which can degrade battery life.
- For optimal battery longevity, avoid fully discharging the battery frequently.
- If the device will not be used for an extended period, charge it to about 50% before storing.



Figure 6: Battery performance overview.

6. TROUBLESHOOTING

- **Device is slow or unresponsive:** Try closing background applications. If the issue persists, restart the device.
- **Cannot print receipts:** Ensure thermal paper is loaded correctly and the printer cover is closed. Verify that the printing application is configured properly and has sufficient permissions. Check for any error messages on the screen.
- **Cannot change language from Chinese:** Navigate to *Settings > System > Languages & input > Languages* to select your preferred language.
- **Missing charger or other parts:** Contact your vendor or Bisofice customer support for assistance.

- **Network connectivity issues (Wi-Fi/3G/Bluetooth):** Check network settings. For Wi-Fi, ensure you have the correct password. For 3G, verify SIM card installation and mobile data plan. For Bluetooth, ensure the device you are trying to connect to is discoverable.

7. SPECIFICATIONS

Feature	Specification
Model	H5 (PDA123029)
Operating System	Android 8.1
CPU	MTK Dual CPU
Memory	1GB RAM + 8GB ROM
Display	5.0" HD IPS, 1280x720
Printer	High-speed 58mm Thermal Printer (>75mm/s)
Paper Roll Specs	58mm width x 40mm diameter
Rear Camera	2 Million Focus Camera (1D/2D Barcode Scan)
Wireless Communication	GSM: B2/B3/B5/B8, WCDMA: B1/B2/B5/B8
Wi-Fi	2.4G, IEEE 802.11 a/b/g/n
Bluetooth	BT2.1/3.0/4.0 BLE
Battery	8.4V, 2500mAh Lithium-ion Polymer
Charging Time	2 hours
Discharging Time	30 hours
Standby Time	85 hours
SIM Card Slot	Standard SIM card holder
Communication Interface	Type-C
Charger Input	AC: 100-240V
Charger Output	5V, 2A
Product Dimensions	20.32 x 7.62 x 7.62 cm
Item Weight	499 g



Figure 7: Physical dimensions of the device.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or contact Bisofice customer service directly through their official website or the retailer from whom you purchased the device.