

## SUNMI T2

# SUNMI T2 Smart POS Terminal with Integrated Printer User Manual

Model: T2 (15.6 inch single screen)

## 1. INTRODUCTION

This manual provides essential instructions for the setup, operation, and maintenance of your SUNMI T2 Smart POS Terminal. The T2 is an integrated point-of-sale device featuring a 15.6-inch Full HD touch screen and a built-in thermal printer, designed for various commercial applications.

## 2. PRODUCT OVERVIEW

### 2.1 Device Components

The SUNMI T2 terminal integrates a high-resolution display, a powerful processor, and a thermal printer into a single unit. Key components include:

- 15.6-inch Full HD Touch Screen (1920x1080)
- Integrated Thermal Printer (80mm paper width, 200mm/s print speed)
- Base Unit with connectivity ports
- Power Input



Figure 2.1: Front view of the SUNMI T2 Smart POS Terminal. The 15.6-inch touch screen is visible, displaying various application icons, indicating its Android operating system interface.



Figure 2.2: Side view of the SUNMI T2 terminal, illustrating the design of the stand and the adjustable angle of the main display unit.

## 2.2 Package Contents

Upon unpacking, verify that all items are present:

- SUNMI T2 Printer (T2 model)
- Power Cable
- User Manual (this document)

## 3. SETUP INSTRUCTIONS

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### 3.1 Unpacking and Placement

1. Carefully remove the SUNMI T2 terminal from its packaging.
2. Place the device on a stable, flat surface, ensuring adequate ventilation around the unit.
3. Avoid placing the device near heat sources, direct sunlight, or in areas with high humidity or dust.

### 3.2 Power Connection

1. Connect the provided power cable to the power input port located at the rear of the device base.
2. Plug the other end of the power cable into a standard electrical outlet.
3. The device will typically power on automatically or can be powered on using the power button.

### 3.3 Initial Power On and Configuration

1. Press and hold the power button (refer to Section 5.1 for button location) until the screen illuminates.
2. Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, and time zone settings.
3. Connect to your local network via Wi-Fi or Ethernet (if available) to ensure proper functionality and updates.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Touch Screen Operation

The SUNMI T2 features a capacitive multi-touch screen. Operate the device using standard touch gestures:

- **Tap:** Select items or activate functions.
- **Swipe:** Navigate through menus or scroll content.
- **Pinch-to-zoom:** Adjust the size of on-screen content.

### 4.2 Integrated Printer Operation

The T2 includes an 80mm thermal printer for receipts and order tickets.

#### 4.2.1 Loading Printer Paper

1. Locate the printer cover on the front of the device base.
2. Press the release button or latch to open the printer cover.
3. Insert a new roll of 80mm thermal paper, ensuring the paper feeds from the bottom and the leading

edge extends slightly out of the printer slot.

4. Close the printer cover firmly until it clicks into place.
5. Tear off any excess paper.



Figure 4.1: Detailed view of the integrated thermal printer compartment with the cover open, illustrating the correct method for inserting a new 80mm thermal paper roll.

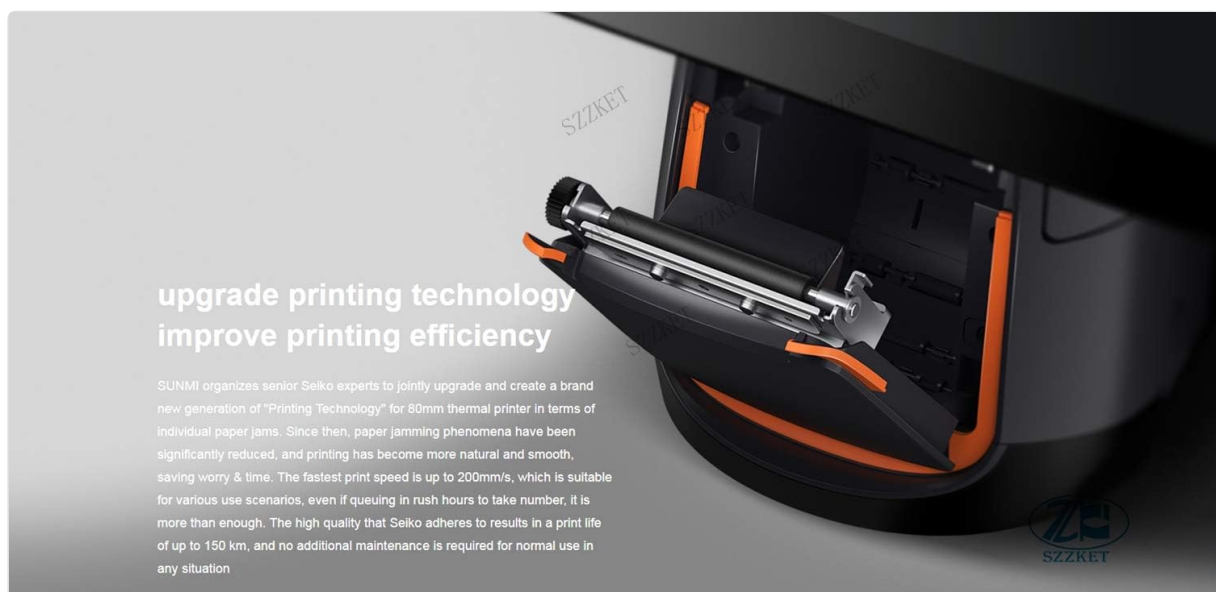


Figure 4.2: Internal view of the SUNMI T2's thermal printer mechanism, highlighting its design for efficient paper handling and high-speed printing up to 200mm/s.

#### 4.2.2 Printing Receipts

Once paper is loaded, the printer will automatically activate when a print command is issued from your POS software application. Ensure your application is correctly configured to use the integrated printer.

#### 4.3 Connectivity

The SUNMI T2 supports various connectivity options:

- **Wi-Fi:** 2.4G/5G (IEEE 802.11 a/b/g/n) for wireless network access.

- **Bluetooth:** Supports Bluetooth 2.1/3.0/4.0 (BLE) for connecting peripherals.
- **USB Ports:** USB Type A port x1, USB 3.1 Type C x1, USB 2.0 x2 (total 3 USB ports).
- **RJ11:** Cash drawer port x1.
- **RJ45:** LAN port x1 for wired network connection.
- **Headphone Jack:** 3.5mm audio output.
- **Micro-USB:** Debug port x1.

Connect external devices such as barcode scanners, external keyboards, or cash drawers to the appropriate ports as needed.

## 5. MAINTENANCE

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### 5.1 Cleaning the Device

- Power off the device and disconnect the power cable before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild, non-abrasive cleaner to wipe the screen and exterior surfaces.
- Do not use harsh chemicals, abrasive pads, or excessive moisture.
- For the thermal printer head, use a specialized thermal printer cleaning pen or card to ensure optimal print quality.

### 5.2 Software Updates

Regularly check for and install software updates for the SUNMI OS and your POS application to ensure optimal performance, security, and access to new features. Updates can typically be found in the device's settings menu or through your POS software provider.

## 6. TROUBLESHOOTING

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### 6.1 Common Issues and Solutions

- **Device does not power on:**
  - Ensure the power cable is securely connected to both the device and a working electrical outlet.
  - Verify the power outlet is functional.
  - Try pressing and holding the power button for 10-15 seconds.
- **Screen is unresponsive:**
  - Restart the device.
  - Ensure the screen is clean and free of debris.
- **Printer is not printing:**
  - Check if thermal paper is loaded correctly and not jammed.
  - Ensure the printer cover is securely closed.
  - Verify that the POS application is sending print commands and is configured for the integrated printer.
  - Restart the device.
- **No network connection (Wi-Fi/Ethernet):**
  - Check Wi-Fi settings and ensure you are connected to the correct network.

- For Ethernet, ensure the cable is securely connected to the RJ45 port and your router/switch.
- Restart your network equipment (router/modem).

If issues persist, refer to the support section or contact your vendor.

## 7. SPECIFICATIONS

The following table details the technical specifications of the SUNMI T2 Smart POS Terminal:

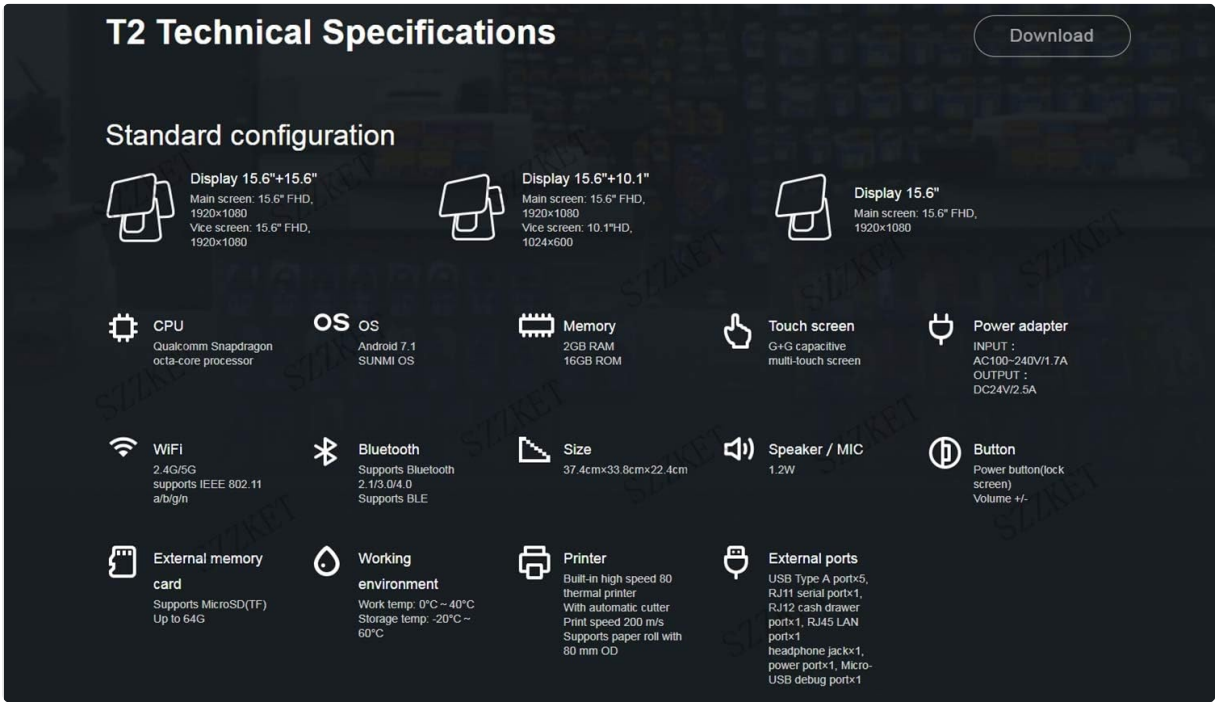


Figure 7.1: Overview of SUNMI T2 Technical Specifications, detailing hardware and software components.



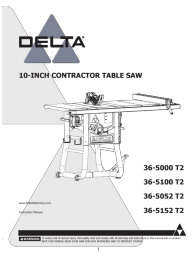
Feature	Detail
Model	T2
Main Display	15.6" FHD, 1920x1080
Processor	Qualcomm Snapdragon Octa-core processor
Operating System	Android 7.1, SUNMI OS
Memory	2GB RAM, 16GB ROM
Touch Screen	G+G capacitive multi-touch screen
Printer	Built-in high speed 80mm thermal printer with automatic cutter, print speed 200mm/s
Wi-Fi	2.4G/5G (IEEE 802.11 a/b/g/n)
Bluetooth	Supports Bluetooth 2.1/3.0/4.0 (BLE)
External Ports	USB Type A x1, RJ11 cash drawer x1, RJ45 LAN x1, Headphone jack x1, Power port x1, Micro-USB debug x1
USB Ports	USB 3.1 Type C x1, USB 2.0 x2




Feature	Detail
External Memory	Supports MicroSD (TF) up to 64GB
Power Adapter	Input: AC100-240V/1.7A, Output: DC24V/2.5A
Dimensions	37.4cm x 33.8cm x 22.4cm
Item Weight	17.6 pounds (approx. 7.98 kg)
Working Environment	Temp: 0°C - 40°C
Storage Environment	Temp: -20°C - 60°C

## 8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the vendor/manufacturer directly. Keep your purchase receipt as proof of purchase.  
Manufacturer: Kunxilin Electronic CO. (Brand: SUNMI)

### Related Documents - T2

	<p><a href="#">Xinfrared Smartphone Thermal Eye User Manual</a></p> <p>User manual for the Xinfrared Smartphone Thermal Eye, detailing precautions, product models (T2, T2 Pro, T3), software installation, device connection, app usage, and settings for thermal imaging.</p>
	<p><a href="#">My Weigh TRITON T2 Digital Pocket Scale User Manual and Specifications</a></p> <p>This user manual provides detailed instructions for operating, calibrating, and maintaining the My Weigh TRITON T2 digital pocket scale. Includes features, specifications, and troubleshooting tips for models T2-120, T2-200, T2-300, T2-400, and T2-550.</p>
	<p><a href="#">Delta 10-Inch Contractor Table Saw Instruction Manual</a></p> <p>Comprehensive instruction manual for the Delta 10-Inch Contractor Table Saw models 36-5000 T2, 36-5100 T2, 36-5052 T2, and 36-5152 T2, covering safety, assembly, operation, maintenance, and troubleshooting.</p>

 <p>INSTRUCTION MANUAL 32" Colour TV 32HEV220U A 32V1553</p> <p>HITACHI Imagine the Next</p> <p>DAI-IT PROVIEW HDTV FreeviewTV</p> <p>Important information on this page must be read before using the TV. Please read the instructions carefully and keep them for future reference. For any help connecting set up and use of your TV please call the Customer Helpline 0800 555 1100. Lines open from 9am Monday to Saturday and 10am - 4pm Sunday.</p>	<p><a href="#">Hitachi 32HEV220U A 32-Inch Colour TV Instruction Manual</a></p> <p>Comprehensive instruction manual for the Hitachi 32HEV220U A 32-inch Colour TV, covering setup, operation, safety, connections, and features like Freeview Play and internet connectivity.</p>
 <p>KOSPET User Manual</p> <p>1. INTRODUCTION</p> <p>2. PRODUCT SPECIFICATIONS</p> <p>3. GETTING STARTED</p> <p>4. USING THE SMARTWATCH</p> <p>5. CHARGING AND MAINTENANCE</p> <p>6. TROUBLESHOOTING</p> <p>7. WARRANTY INFORMATION</p> <p>8. CONTACT US</p>	<p><a href="#">KOSPET User Manual: Your Guide to the KOSPET Smartwatch</a></p> <p>Comprehensive user manual for the KOSPET smartwatch, covering setup, features, functions, and safety information. Learn how to pair your watch, manage settings, and utilize its various capabilities.</p>
 <p>TQSKY</p> <p>TQSKY-T2 Quick Guide</p> <p>Read this quick guide before using the TQSKY-T2 product. It contains important information about the product, including safety warnings, connection methods, and FCC compliance.</p>	<p><a href="#">TQSKY-T2 Quick Guide: Setup and Usage Instructions</a></p> <p>A comprehensive guide for the TQSKY-T2 device, covering product introduction, connection methods via Type-C and T-BOX, network projection, important warnings, safety information, and FCC compliance.</p>