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Tera P150

Tera P150 Android Barcode Scanner PDA User Manual

Model: P150 | Brand: Tera

1. INTRODUCTION

The Tera P150 is a robust Android 12 Portable Data Terminal (PDA) designed for efficient barcode scanning and data management in various industrial environments. Equipped with a high-precision Zebra SE4710 scanner, it supports 1D, 2D, and QR code scanning, even under challenging conditions like low light or damaged barcodes. Its powerful MTK 2.0 GHz octa-core processor, 4GB RAM, and 64GB storage ensure smooth operation and multitasking capabilities. Advanced connectivity options including 4G, 3G, dual-band WiFi, Bluetooth 5.0, and GPS provide reliable real-time data transfer and monitoring. The device features a durable industrial-grade design with IP67 water and dust resistance and a 1.5-meter drop resistance, making it suitable for demanding work settings. A 5000 mAh battery ensures extended operational periods.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x Tera P150 Android 12 Portable Barcode Scanner
- 1 x USB Cable
- 1 x Fast Charging Power Adapter
- 1 x Screen Protector
- 1 x SIM Card Ejection Tool
- 1 x Hand Strap
- 1 x User Manual
- 1 x SDK (Software Development Kit)
- 1 x Rugged Rubber Case
- 1 x Strap



Image: Contents of the Tera P150 package, showing the scanner, USB cable, power adapter, screen protector, SIM tool, hand strap, user manual, SDK, and rugged case.

3. DEVICE OVERVIEW

3.1 Physical Features

- **Display:** 5.5-inch Full Touch Screen (1440 x 720 resolution)
- **Cameras:** Rear 13.0 MP, Front 5.0 MP
- **Durability:** IP67 rated for water and dust resistance, 1.5m drop resistance
- **Battery:** Removable 5000 mAh battery



Image: Close-up view of the Tera P150's 5.5-inch full touch screen, highlighting its display capabilities.



Image: Detailed view of the Tera P150, indicating the positions of the 13.0 MP rear camera and 5.0 MP front camera.

Moteur de scan Zebra SE4710

 Capture d'image améliorée

 Faible consommation d'énergie



4. SETUP

4.1 Battery Installation and Charging

1. Locate the battery compartment cover on the back of the device.
2. Remove the cover carefully.
3. Insert the 5000 mAh battery, ensuring the contacts align correctly.
4. Replace the battery compartment cover.
5. Connect the device to the fast charging power adapter using the provided USB cable.
6. Allow the device to charge fully before first use (approximately 3 hours).



Image: Illustration of the removable 5000 mAh battery being installed into the Tera P150, with battery life indicators.

4.2 SIM Card and MicroSD Card Installation

1. Locate the SIM/MicroSD card slot on the side of the device.
2. Use the provided SIM card ejection tool to open the tray.
3. Place your SIM card(s) and/or MicroSD card into the tray, ensuring correct orientation.
4. Gently push the tray back into the slot until it clicks into place.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- **To Power On:** Press and hold the Power button until the Tera logo appears.
- **To Power Off:** Press and hold the Power button, then select 'Power Off' from the options.

5.2 Barcode Scanning

The Tera P150 features an integrated Zebra SE4710 industrial scanner for rapid and accurate data capture.

1. Open the scanning application on the device.
2. Point the scanner window at the barcode you wish to scan.
3. Press the dedicated scan button (usually on the side or front of the device).
4. Ensure the red laser or illumination covers the entire barcode for optimal reading.
5. The device will provide an audible or visual confirmation upon successful scan.



Image: A person using the Tera P150 with its Zebra SE4710 scanner to read barcodes on boxes in a warehouse setting.

5.3 Connectivity

The Tera P150 supports various wireless connectivity options:

- **Wi-Fi:** Connect to available Wi-Fi networks via Settings > Network & internet > Wi-Fi.
- **Bluetooth:** Pair with Bluetooth devices via Settings > Connected devices > Pair new device.
- **Mobile Data (4G/3G):** Ensure a SIM card is installed and mobile data is enabled in Settings > Network & internet > Mobile network.
- **GPS:** Location services can be enabled/disabled in Settings > Location.

6. MAINTENANCE

6.1 Cleaning the Device

- Use a soft, lint-free cloth slightly dampened with water or a mild screen cleaner to wipe the display and exterior.
- Avoid using harsh chemicals, abrasive cleaners, or solvents.
- Ensure all ports are dry before charging or connecting accessories.

6.2 Battery Care

- To maximize battery life, avoid fully discharging the battery frequently.
- Store the device in a cool, dry place when not in use for extended periods.

- Avoid exposing the device to extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on	Low battery; Battery not installed correctly	Charge the device; Reinstall the battery
Barcode not scanning	Barcode damaged/unclear; Scanner lens dirty; Incorrect scanning angle	Try a different barcode; Clean the scanner lens; Adjust scanning angle/distance
No Wi-Fi connection	Wi-Fi disabled; Out of range; Incorrect password	Enable Wi-Fi; Move closer to router; Re-enter password
Slow performance	Too many apps running; Low storage	Close unused apps; Clear cache; Free up storage

8. SPECIFICATIONS

Feature	Detail
Brand	Tera
Model	P150
Operating System	Android 12
Processor	MTK 2.0 GHz Octa-core
RAM	4 GB
Storage	64 GB
Display	5.5" Full Touch Screen (1440 x 720)
Barcode Scanner	Zebra SE4710 (1D, 2D, QR)
Rear Camera	13.0 MP
Front Camera	5.0 MP
Battery	5000 mAh (Removable)
Connectivity	4G, 3G, Dual-band Wi-Fi, Bluetooth 5.0, GPS
Durability	IP67 Water/Dust Resistant, 1.5m Drop Resistance
Compatible Devices	Smartphone, laptop, desktop, tablet, POS

9. WARRANTY AND SUPPORT

9.1 Manufacturer's Warranty

The Tera P150 Android Barcode Scanner PDA comes with a **2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Tera customer service. Refer to the contact information provided in your product packaging or visit the official Tera website for support resources.

