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› Tera Pro 1D 2D QR Wireless Barcode Scanner User Manual

Tera HW0006 Pro

Tera Pro 1D 2D QR Wireless Barcode Scanner User Manual

Model: HW0006 Pro

1. INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your Tera Pro 1D 2D QR Wireless Barcode Scanner. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity.



Figure 1: Tera Pro 1D 2D QR Wireless Barcode Scanner with its charging cradle and connectivity cables.

2. PRODUCT OVERVIEW

The Tera Pro HW0006 Pro is a versatile 3-in-1 barcode scanner designed for various applications, including retail, warehouse management, and library systems. It features an LED display screen, multiple connectivity options (2.4Ghz wireless, USB 2.0 wired, and Bluetooth), and advanced decoding capabilities for both 1D and 2D barcodes.

Tera

1D 2D QR BARCODE SCANNER WITH SCREEN



Figure 2: The Tera Pro barcode scanner highlighting its display screen.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are included and in good condition:

- Barcode Scanner x1
- Charging Cradle Base x1
- USB Cable x1
- Dongle x1
- User Manual x1

4. SETUP

4.1 Initial Setup and Charging

Connect the charging cradle to a power source using the provided USB cable. Place the barcode scanner into the cradle to begin charging. The LED display will indicate the battery level.

Long Standby Time



4-6Hours
Scanning Time



360Hours
Standby Time



2Hours
Charging Time



2 Charging Methods



Charging with Base



Charging with USB Cable

Figure 3: The scanner can be charged via the cradle or directly with a USB cable.

4.2 Connectivity Options

The Tera Pro scanner offers three primary connection methods: 2.4Ghz Wireless, USB 2.0 Wired, and Bluetooth. No drivers are typically needed for standard operation.

Plug and Play/ 3 in 1 Connection

No Drivers Needed



USB 2.0 Wired



2.4Ghz Wireless

Bluetooth

Bluetooth Connection



iOS



Android



Windows



Mac OS



Linux



Cash Register



PC



Laptop



iPad



Smartphone

Figure 4: Illustration of the scanner's versatile 3-in-1 connectivity.

4.3 Bluetooth Pairing (Mac Specific Instructions)

For Mac users, it is crucial to use the correct Bluetooth pairing mode. The scanner supports both Bluetooth SPP Mode and Bluetooth HID Mode. For seamless integration with most applications on Mac, the Bluetooth HID Mode is recommended.

Video 1: A user demonstrates how to set up the Tera Pro Barcode Scanner on a Mac, highlighting the importance of selecting the correct Bluetooth pairing mode.

To ensure proper functionality on Mac, scan the 'Bluetooth HID Mode' barcode from your user manual. After scanning, the scanner's display should flash, indicating it is ready for pairing. Then, enable Bluetooth on your Mac and locate 'BarCode Scanner HID' in the device list to connect.



Figure 5: Scan this barcode to activate Bluetooth HID Mode for Mac compatibility.

5. OPERATING MODES

5.1 Scanning Modes

The scanner supports two primary scanning modes:

- **Key Trigger Mode:** Press the trigger to scan each barcode individually.
- **Continuous Scanning Mode:** The scanner continuously emits a scan beam, allowing for hands-free operation when placed in the charging cradle.

Two Scanning Modes/ Hands-free

Key Trigger Mode



Continuous Scanning Mode

Free the Hands in Continuous Scanning Mode with Base.



Figure 6: Visual representation of the two available scanning modes.

5.2 Data Upload Modes

Choose between two data upload methods based on your operational needs:

- **Instant Upload Mode:** Barcode data is synchronously uploaded to your connected device immediately after scanning.
- **Storage Mode:** Barcodes are stored in the scanner's internal 16MB memory (up to 50,000 barcodes) and can be uploaded to your device later when needed.

Two Upload Modes



Instant Upload Mode

Synchronously upload data to your device when scanning barcodes.



Storage Mode

Store barcodes in the 16MB memory of the scanner and upload to your device when you need them.

Figure 7: Comparison of instant and storage data upload modes.

6. FEATURES

6.1 LED Display Screen

The exclusive LED display provides real-time information, enhancing user experience:

- Scanning status
- Connection mode
- Battery level
- Current time
- Barcode information
- Total stored barcodes

LCD Screen Display



Figure 8: Detailed view of the scanner's LCD screen and its displayed information.

6.2 Excellent Decoding Ability

The scanner can read various 1D and 2D barcodes ($\geq 4\text{mil}$) from paper or screens, including those that are fuzzy, smudged, reflective, or damaged.

Supported Digital and Printed 1D 2D Codes:

- **1D**: Codabar, Code 11, Code93, MSI, Code 128, UCC/EAN-128, Code 39, EAN-8, EAN-13, UPC-A, ISBN, Industrial 25, Interleaved 25, Standard25, Matrix
- **2D**: QR, DataMatrix, PDF417, Aztec, Hanxin, Micro PDF417

Long Standby Time



4-6Hours
Scanning Time



360Hours
Standby Time



2Hours
Charging Time



2 Charging Methods



Charging with Base



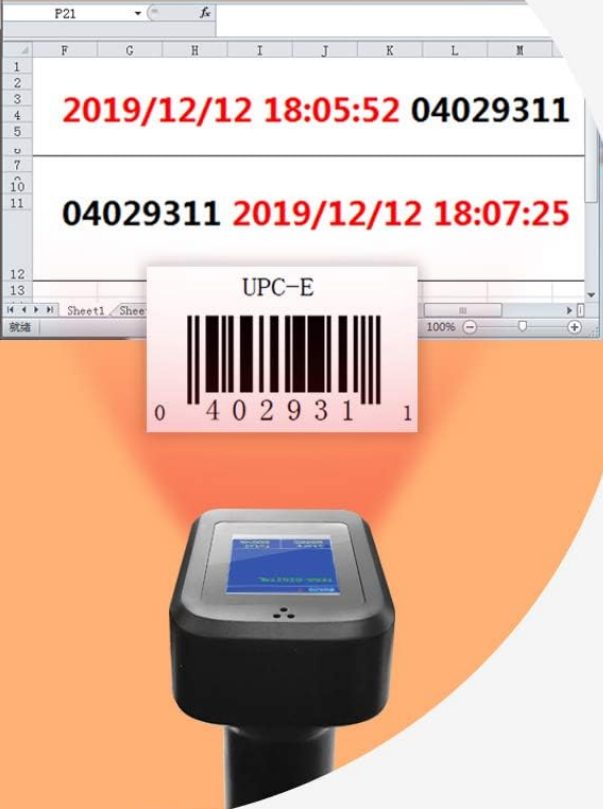
Charging with USB Cable

Figure 9: The scanner's ability to read various barcode types, including damaged ones.

6.3 Customization Features

The scanner offers several customizable settings to adapt to different workflows:

- Add Time Prefix and Suffix to scanned data
- Voice Setting adjustments
- Stand-by Setting configuration
- Support for Uppercase / Lowercase Setting
- Ability to Identify Barcode Type
- Option to Hide characters



Multifunction

-  **Add Time Prefix and Suffix**
-  **Voice Setting**
-  **Stand-by Setting**
-  **Support Uppercase / Lowercase Setting**
-  **Identify Barcode Type**
-  **Hide characters**

Support Multi-Language



English



Spanish



German



Japanese



French



Italian

Figure 10: Examples of the scanner's customizable features.

6.4 Battery Life and Charging

Equipped with an 1800mAh large-capacity battery, the scanner provides extended operation. It offers up to 4-6 hours of continuous scanning time and an impressive 360 hours (15 days) of standby time. Full charge is achieved in approximately 2 hours.

Video 2: Official product video demonstrating the Tera Pro Barcode Scanner's features, including connectivity, scanning capabilities, and charging methods.

7. SPECIFICATIONS

Attribute	Detail
Product Dimensions	7 x 4.2 x 4.1 inches
Item Weight	1.34 pounds
Item Model Number	HW0006 Pro

Batteries	1 Lithium Ion batteries required. (included)
Manufacturer	Tera
Country of Origin	China
Compatible Devices	Laptop, Desktop, Smartphone
Power Source	Battery Powered
Connectivity Technology	Bluetooth, 2.4G Wireless, USB Cable

8. TROUBLESHOOTING

If you encounter any issues with your Tera Pro Barcode Scanner, please refer to the following common troubleshooting tips:

- **Scanner Not Responding:** Ensure the scanner is fully charged. Check the connection method (wired, 2.4G wireless, or Bluetooth) and ensure it is properly established.
- **Bluetooth Pairing Issues (Mac):** As highlighted in the setup section, ensure you have scanned the 'Bluetooth HID Mode' barcode from your manual to enable the correct pairing protocol for Mac computers. If the scanner is in SPP mode, it may not communicate correctly with standard Mac applications.
- **Inaccurate Scans:** Ensure the barcode is clean and well-lit. Adjust the scanning distance. For damaged or poorly printed barcodes, try scanning from different angles.
- **Data Not Appearing on Computer:** Verify the connection. If using storage mode, ensure you have initiated the upload process. If using instant upload, check that the cursor is active in the desired input field on your computer.

For more detailed troubleshooting steps and advanced configurations, please consult the full User Manual PDF.

9. WARRANTY AND SUPPORT

Tera products typically come with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions. For technical support, product inquiries, or to access the complete user guide, please visit the official Tera website or contact their customer service.

A comprehensive User Manual is available in PDF format for detailed instructions and advanced settings:

Download Full User Manual
(PDF)

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Question

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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