

## Tera HW0008

# Tera Pro Series Wireless 1D 2D QR Barcode Scanner (Model HW0008) User Manual

Your comprehensive guide to setup, operation, and maintenance.

## INTRODUCTION

The Tera Pro Series Wireless 1D 2D QR Barcode Scanner (Model HW0008) is designed for efficient and accurate barcode scanning in various environments, including warehouse inventory management. This device features a unique counting screen, a convenient charging cradle, and supports both 2.4G wireless and USB wired connections. It is capable of reading a wide range of 1D and 2D barcodes, including those on damaged or reflective surfaces.



Figure 1: Tera Pro Series Wireless Barcode Scanner (HW0008) with its charging cradle.

## PRODUCT COMPONENTS AND STRUCTURE

Familiarize yourself with the main components of your Tera HW0008 barcode scanner and charging cradle.

# Scanner Structure



- 1. Scanning head
- 2. LOGO
- 3. Indicator Light
- 4. Count Screen
- 5. Reset Touch Bottom
- 6. Trigger
- 7. Connection Interface

Figure 2: Detailed view of the scanner's structure, highlighting the scanning head, logo, indicator light, count screen, reset touch button, trigger, and connection interface.

- **Scanning Head:** Emits the scan beam to read barcodes.
- **Logo:** Tera brand identification.
- **Indicator Light:** Provides status feedback (e.g., charging, connected, scan successful).
- **Count Screen:** Displays the real-time number of scanned items.
- **Reset Touch Button:** Used to reset the count screen to zero.
- **Trigger:** Activates the scanning function.
- **Connection Interface:** Port for wired USB connection.

## SETUP GUIDE

### 1. Unboxing and Initial Charge

Upon receiving your Tera HW0008 scanner, ensure all components are present: Barcode Scanner x1, Charging Cradle x1, User Manual x1.

Place the scanner onto the charging cradle. The cradle acts as both a charging station and a 2.4G wireless receiver. Ensure the scanner is correctly seated for charging to begin.



Figure 3: The horizontal charging base functions as a USB receiver and charges the scanner.



Figure 4: The scanner charges automatically when placed in the charging base, ensuring adequate power for continuous operation.

## 2. Connecting to Your Device

The Tera HW0008 supports two connection modes: 2.4G Wireless and USB Wired.

### 2.1. 2.4G Wireless Connection

1. Plug the charging cradle's USB cable into an available USB port on your computer (Desktop or Laptop). The cradle acts as the 2.4G wireless receiver.
2. The scanner should automatically connect to the cradle. No additional drivers or software installation are needed.

### 2.2. USB Wired Connection

1. Connect the scanner directly to your computer using the provided USB cable.
2. The scanner is plug-and-play; no driver installation is required.



## Support Wired and Wireless Connection



Figure 5: The scanner supports both wired USB and 2.4G wireless connections, compatible with iOS, Android, Linux, Windows, and Mac OS.



Figure 6: The Tera HW0008 barcode scanner is compatible with iOS, Android, Linux, Windows, and Mac OS operating systems.

## OPERATING INSTRUCTIONS

### 1. Basic Scanning Operation

To scan a barcode, point the scanning head at the barcode and press the trigger. The scanner will emit a light beam to read the code. A successful scan is typically indicated by an audible beep and/or a change in the

indicator light.

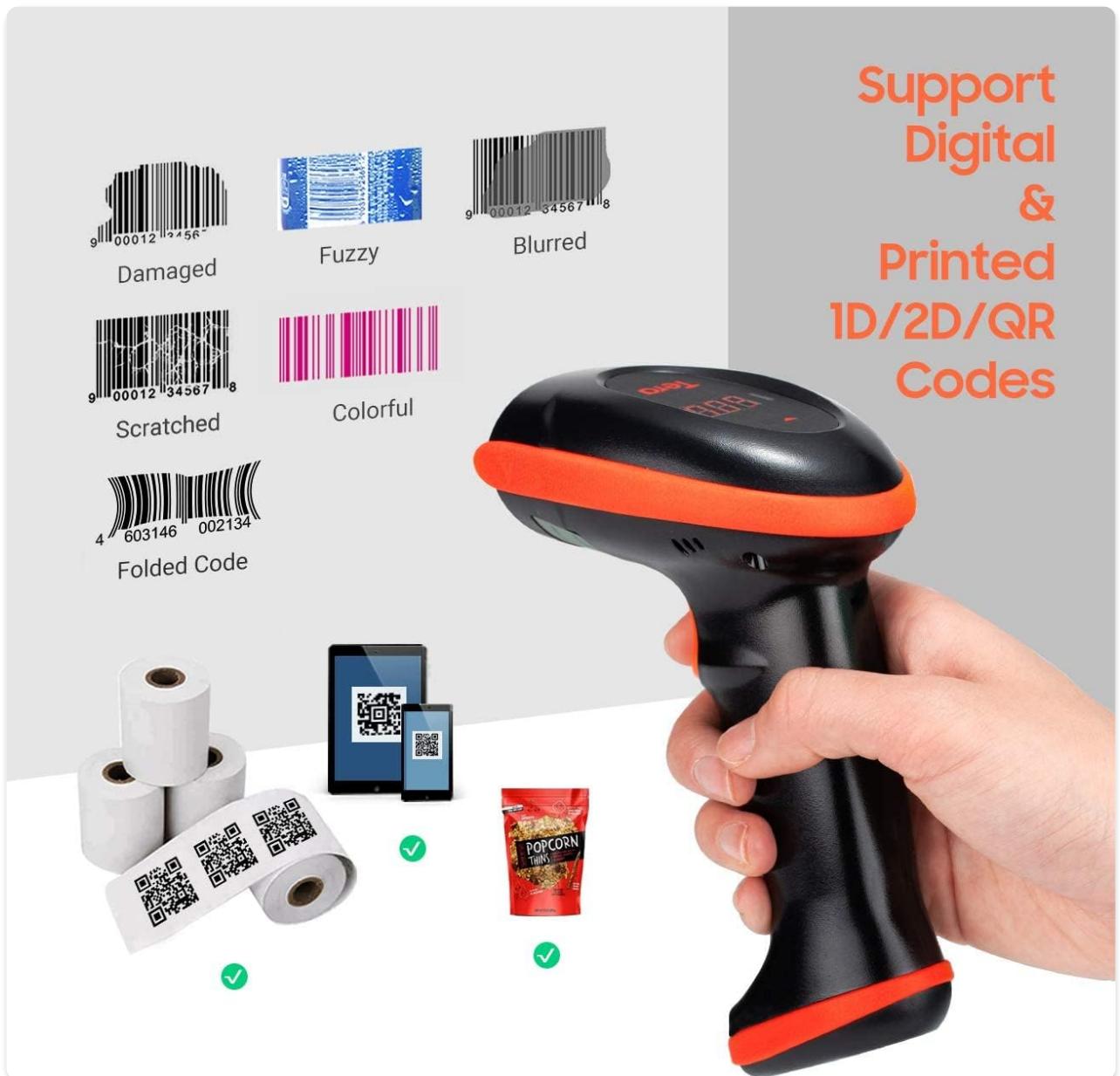


Figure 7: The scanner supports digital and printed 1D, 2D, and QR codes, including damaged, fuzzy, blurred, scratched, colorful, and folded codes. Examples include a Fancy QR Code, barcode 4603146002134, and barcode 3578633187933.

SUPERIORITY OF IMAGE SCANNING		Screen	Silver paper	Underwater scanning	Reflective material	2D Code	General environment
IMAGE SCANNING		✓	✓	✓	✓	✓	✓
LASER SCANNING		✗	✗	✗	✗	✗	✓

Figure 8: The Tera HW0008 utilizes superior CMOS imaging scanning, allowing it to read barcodes from screens, silver paper, underwater, reflective materials, and general environments, unlike traditional laser scanners.

## 2. Using the Counting Screen

The unique counting screen on the scanner displays the real-time number of barcodes scanned, which is highly beneficial for inventory management.

# REAL-TIME DISPLAY SCAN TIMES



Figure 9: The counting screen shows the current scan count (e.g., 169). To reset the counter to '000', simply touch the designated reset button on the scanner.

## 3. Advanced Symbology Settings

The Tera HW0008 allows for specific symbology settings. For example, you can configure the scanner to modify data when scanning certain barcode types (e.g., Code39) by deleting characters or adding tabs, while leaving other barcode types unedited. Refer to the full user manual (PDF) for detailed programming instructions.



Figure 10: Illustration of how the scanner can be programmed to add or hide digits from scanned barcode data, providing flexibility for various data formats.

## 4. Supported Keyboard Languages

The scanner supports multiple keyboard languages for data output.



## Support Multiple Keyboard Languages



English



Spanish



German



Japanese



French



Italian

Figure 11: The scanner supports English, Spanish, German, Japanese, French, and Italian keyboard layouts.

## 5. Official Product Video

Your browser does not support the video tag.

Video 1: This video demonstrates the Tera Pro HW0008 barcode scanner, highlighting its counting screen and charging cradle. It shows the scanner in use, including scanning barcodes and resetting the counter, and emphasizes its fast scanning speed and convenient charging capabilities.

## MAINTENANCE

### 1. Cleaning

Regularly clean the scanning window and the exterior of the scanner with a soft, lint-free cloth. Avoid using abrasive cleaners or solvents that could damage the device.

### 2. Battery Care

Always place the scanner in its charging cradle when not in use to ensure it maintains an adequate battery level. This practice helps prolong battery life and ensures the scanner is always ready for operation.

## TROUBLESHOOTING

### Scanner Not Reading Barcodes

- Ensure the scanner is properly connected to your computer (either via 2.4G wireless through the cradle or directly via USB cable).
- Check if the barcode is clear and not excessively damaged, blurred, or too small. Although the scanner can read damaged codes, extreme cases may prevent scanning.
- Verify that the scanner's battery is charged.
- Confirm that the barcode type is supported by the scanner.

### Data Not Transmitting to Computer

- For wireless connection, ensure the charging cradle is plugged into the computer and functioning as the receiver.
- For wired connection, ensure the USB cable is securely connected to both the scanner and the computer.
- Check if the computer's input focus is on the correct application or text field where you expect the barcode data to appear.

For more detailed troubleshooting or specific error codes, please refer to the comprehensive user manual (PDF) provided with your product or contact customer support.

## SPECIFICATIONS

Feature	Detail
Product Dimensions	9.13 x 5.31 x 3.94 inches
Item Weight	1.5 pounds
Model Number	HW0008
Connectivity Technology	2.4G Wireless, USB Cable
Compatible Devices	Desktop, Laptop
Power Source	Battery Powered, Corded Electric, USB Cable
Supported 1D Barcodes	UPC/EAN, Code 128/EAN128, GS1-128, ISBT-128, Standard 2 of 5, Matrix 2 of 5, Code 39, Code 32, Code 93, Code 11, Codabar, PLESSEY, MSI, GS1 Databar, ITF-14, GS1
Supported 2D Barcodes	QR code, Data Matrix, PDF417 (including PDF417 on driver's license), Aztec, Maxicode, Micro QR, Micro PDF417

## WARRANTY INFORMATION

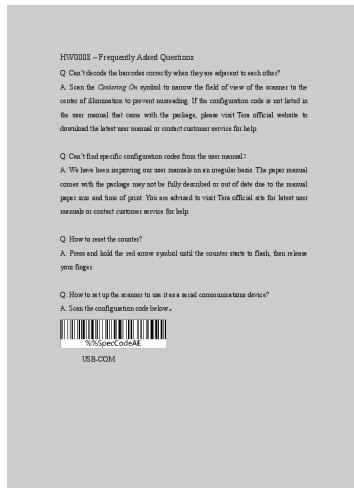
Tera products typically come with a standard manufacturer's warranty covering defects in materials and workmanship. For specific warranty terms, duration, and claim procedures, please refer to the warranty card included in your product packaging or visit the official Tera website. Keep your proof of purchase for warranty claims.

## CUSTOMER SUPPORT

Should you encounter any issues or have questions regarding your Tera Pro Series Wireless Barcode Scanner (HW0008), please contact Tera customer support. You can typically find contact information (email, phone, or support portal) on the official Tera website or in the user manual PDF. When contacting support, please have your product model number (HW0008) and purchase details ready.

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### Documents - Tera – HW0008

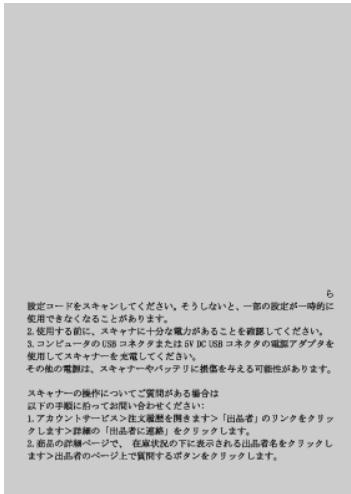


### [\[pdf\]](#) User Manual Frequently Asked Questions

NINGMEI FAQ Tera Pro Series Wireless 1D 2D QR Barcode Scanner with Cradle Display Counting Screen Extra Fast Scanning Speed Ultra High Resolution Handheld Image Bar Code Reader for Warehouse Inventory HW0008 Office Products 71uUf45L0XL m media amazon images I |||

**HW0008** Frequently Asked Questions Q: Can't decode the barcodes correctly when they are adjacent to each other A: Scan the Centering On symbol to narrow the field of view of the scanner to the center of illumination to prevent misreading. If the configuration code is not listed in the user manual t...

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### [\[pdf\]](#) User Manual

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