

Tera HW0005

Tera Barcode Scanner HW0005 User Manual

Model: HW0005

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Tera HW0005 Wireless 1D 2D QR Barcode Scanner. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize its lifespan.



Image: The Tera HW0005 barcode scanner, black with a yellow trigger, resting in its black charging cradle. A USB cable extends from the front of the cradle.

SETUP

Package Contents

Before proceeding, ensure all components are present:

- Tera HW0005 Barcode Scanner
- 3-in-1 Charging Cradle (functions as charger, stand, and 2.4GHz wireless receiver)
- USB Cable
- User Manual (this document)

Charging the Device

The scanner features an internal battery designed for extended use and continuous operation while charging in the

base.

1. Connect the USB cable to the charging port on the 3-in-1 cradle.
2. Connect the other end of the USB cable to a power source (e.g., computer USB port, USB wall adapter).
3. Place the barcode scanner into the cradle. Charging will begin automatically.



Image: A close-up of the Tera HW0005 3-in-1 charging cradle, highlighting its charging port and its function as a wireless receiver when connected to a laptop.

Connecting to a Computer

The 3-in-1 cradle acts as a plug-and-play USB receiver for wireless connectivity.

1. Ensure the USB cable is securely connected to both the cradle and the computer.
2. The computer should automatically recognize the device. No additional drivers are typically required.
3. Once connected, the scanner is ready for use.

1D 2D QR Code Readable

Printed & Screen Code Readable



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, Code11, Codabar, PLESSEY, MSI, GS1 Databar, ITF-14, GS1 Composite

2D Barcodes

QR code, Data Matrix, PDF417, Aztec, Maxicode, Micro QR, Micro PDF417

Image: The Tera HW0005 barcode scanner in its cradle, connected to a laptop, illustrating its auto-scan capability for hands-free operation.

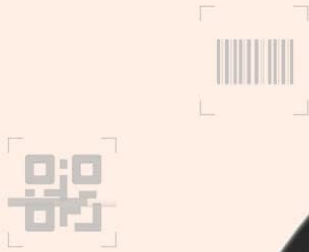
OPERATION

Scanning Modes

The Tera HW0005 supports multiple scanning modes to suit various operational needs:

- **Key Trigger Mode:** Press the trigger button on the scanner to initiate a scan.
- **Continuous Scanning Mode:** The scanner continuously emits a scan beam, allowing for rapid scanning without pressing the trigger for each item.
- **Sensor Scanning Mode (Auto-Detection Mode):** When the scanner is placed in its cradle, it can detect changes in ambient brightness. A scan will automatically be initiated when an object (e.g., a barcode) is presented in front of the scanner. This enables a hands-free scanning experience.

2 Upload Modes



Instant Upload Mode

Barcodes upload directly to your computer after scanning



Storage Upload Mode

Scan and store up to 10,000 barcodes (depends on characters each barcode contains)
Upload the stored barcodes when connection to a computer is available

Image: Illustrations of the three scanning modes: Key Trigger Mode, Continuous Scanning Mode, and Sensor Scanning Mode, showing the scanner in action for each.

Supported Barcodes

The scanner is capable of reading both 1D and 2D (QR) barcodes from various surfaces, including computer screens and mobile devices. It also features powerful decoding capabilities to read damaged, blurred, scratched, or dislocated barcodes, as well as long barcodes.

2D Barcodes:

- QR Code
- Data Matrix
- PDF417 (including PDF417 on driver's licenses)
- Aztec
- Maxicode
- Micro QR
- Micro PDF417

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
- GSI Databar
- ITF-14
- GS1 Composite

Powerful Decoding Capability

Fast & Accurate Scanning



✓ Damaged



✓ Blurred



✓ Scratched



✓ Dislocation



✓ Long Barcode

Note: Various defaced and long barcodes read with ease



Image: A visual representation of the Tera HW0005 scanner's ability to read various 1D and 2D barcodes from printed labels and digital screens.

Three Scanning Modes



1

Key Trigger Mode



2

Continuous Scanning Mode



3

Sensor Scanning Mode

The sensor detects changes in ambient brightness, when a change is detected, scanning will start.

Image: Demonstrates the scanner's powerful decoding capability, showing it can read damaged, blurred, scratched, dislocated, and long barcodes.

Upload Modes

The scanner offers two primary modes for uploading scanned barcode data to your computer:

- **Instant Upload Mode:** Barcodes are uploaded directly to your computer immediately after scanning. This is ideal for real-time data entry.
- **Storage Upload Mode:** The scanner can store up to 10,000 barcodes internally (depending on the character length of each barcode). You can then upload the stored barcodes to your computer when a connection is available. This is useful for batch processing or when working offline.

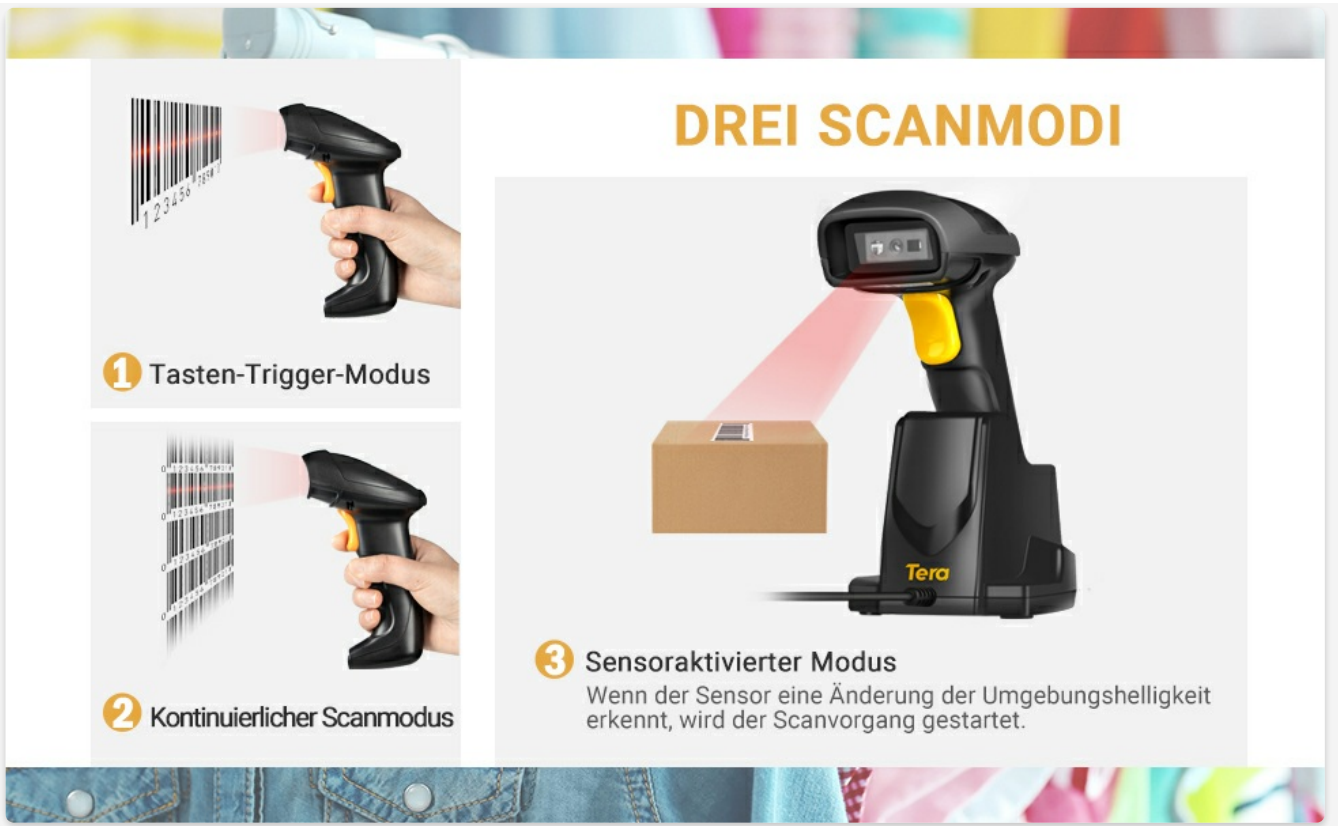


Image: A graphic illustrating the two upload modes: Instant Upload Mode (direct transfer) and Storage Upload Mode (store and then upload).

MAINTENANCE

General Care

- Keep the scanner and cradle clean. Use a soft, dry cloth to wipe surfaces. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the device.
- Avoid exposing the device to extreme temperatures, direct sunlight, or high humidity.
- Do not drop or subject the scanner to strong impacts.
- Store the device in a cool, dry place when not in use.

Battery Care

- To prolong battery life, avoid fully discharging the battery frequently.
- Charge the device regularly, especially if it will be stored for an extended period.
- The scanner is designed for continuous operation while charging in the base.

TROUBLESHOOTING

If you encounter issues with your Tera HW0005 barcode scanner, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Scanner not turning on.	Low battery or no charge.	Place the scanner in the charging cradle and ensure the cradle is connected to a power source. Allow it to charge for at least 30 minutes.
Scanner not connecting to computer.	Cradle not properly connected or USB port issue.	Ensure the USB cable is securely connected to both the cradle and the computer. Try a different USB port on your computer. Restart your computer.
Scanner not reading barcodes.	Incorrect scanning mode, barcode type not supported, or damaged barcode.	◦ Ensure the scanner is in the correct scanning mode (Key Trigger, Continuous, or Sensor). ◦ Verify the barcode type is listed as supported in this manual. ◦ Try scanning a different, known good barcode. ◦ Ensure the barcode is clean and not excessively damaged.
Scanned data is incorrect or incomplete.	Partial scan or software/application issue.	◦ Ensure the entire barcode is within the scan area. ◦ Test with a simple text editor (like Notepad) to rule out issues with your application software.

SPECIFICATIONS

Feature	Detail
Brand	Tera
Model Number	HW0005
Color	Yellow
Connectivity Technology	USB (Wireless via 2.4GHz receiver in cradle)
Power Source	Corded Electric
Supported Systems	Mac OS, Linux, Windows
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, GSI Databar, ITF-14, GS1 Composite
Supported 2D Barcodes	QR code, Data Matrix, PDF417, Aztec, Maxicode, Micro QR, Micro PDF417

Feature	Detail
Storage Capacity	Up to 10,000 barcodes (in Storage Upload Mode)

WARRANTY AND SUPPORT

Specific warranty information and details regarding spare parts availability or software updates are not provided in the product details. For any product-related inquiries, technical support, or service, please contact Tera customer support through the retailer or the official Tera website.

Tera is committed to providing quality products and support. For further assistance, please refer to the contact information provided with your purchase or visit the official Tera brand store online.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

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

Submit question