

## Tera HW0001

# Tera Wireless 2D QR Barcode Scanner User Manual

Model: HW0001

Brand: Tera

## INTRODUCTION

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The Tera Wireless 2D QR Barcode Scanner (Model HW0001) is a versatile and efficient tool designed for various scanning applications. It offers multiple connection modes, advanced decoding capabilities, and user-friendly features to streamline your workflow. This manual provides comprehensive instructions for setting up, operating, and maintaining your scanner.



Image: The Tera Wireless 2D QR Barcode Scanner shown with its adjustable stand and included USB cables and wireless dongle.

## PACKAGE CONTENTS

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- Barcode Scanner x1
- Barcode Scanner Stand x1
- USB Cable x1
- Dongle x1
- User Manual x1 (This document and the included PDF)

## SETUP

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The Tera HW0001 scanner offers three primary connection modes: Bluetooth, 2.4GHz Wireless, and USB Wired. No driver or app installation is required for basic functionality.

## Connection Modes

### Bluetooth Connection

To connect via Bluetooth, ensure your device's Bluetooth is enabled. The scanner will appear as "Barcode Scanner HD" or similar. Pair the devices. This mode is ideal for mobile devices like smartphones and tablets.

## 3 in 1 connection mode



Compatible with Bluetooth



2.4G Wireless  
Connection



USB Wired Connection

Image: Visual representation of the three connection modes: Bluetooth, 2.4GHz Wireless, and USB Wired.

### 2.4GHz Wireless Connection

For 2.4GHz wireless connection, simply plug the included wireless dongle into an available USB port on your computer. The scanner will automatically connect to the dongle, providing a stable wireless link.

### USB Wired Connection

Connect the scanner directly to your computer using the provided USB 2.0 cable. This mode offers a reliable plug-and-play experience without the need for batteries or wireless setup.

Video: Demonstrates the Tera HW0001 Wireless Barcode Scanner's adjustable stand and its three transmission modes: Bluetooth, 2.4G Wireless, and USB Wired, including scanning capabilities for smudged, distorted, and damaged barcodes.

## OPERATING INSTRUCTIONS

### Decoding Ability

The Tera HW0001 scanner is equipped with a high-pixel camera and updated processor chip, allowing it to accurately scan various barcode types, including 1D, 2D, and QR codes. It can read barcodes from both printed paper and digital screens, even if they are smudged, distorted, or damaged.



Image: Illustrates the scanner's ability to read various 1D, 2D, and QR code formats, such as Aztec Code, QR Code, Data Matrix, PDF417, and Micro PDF417.







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

Image: A table comparing the superiority of image scanning (used by this product) versus laser scanning across different surfaces like screens, silver paper, underwater, reflective material, 2D codes, and general environments.

## Data Upload Modes

The scanner supports two data upload modes:

- **Instant Upload Mode:** Barcode data is uploaded directly to your connected computer immediately after scanning.
- **Storage Mode:** Scan and store up to 10,000 barcodes in the scanner's built-in memory. This is useful when operating out of wireless signal range. Data can be uploaded to your device later when a connection is available.





## 2 DATA UPLOAD MODE



### Instant Upload Mode

Barcode upload directly to your computer after scanning



### Storage Mode

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

Image: Illustrates the two data upload modes: Instant Upload Mode for immediate transfer and Storage Mode for offline scanning and later upload.

### Auto Continuous Scan

The scanner can be configured for continuous automatic scanning, eliminating the need to press the trigger button for each scan. Refer to the included user manual (PDF) for instructions on enabling this mode and adjusting the scanner's sleep/awake time for optimal performance.

# Hands-Free Automatic Scanning



Extremely Stable Stand  
45° Adjustable Stand

Image: The barcode scanner positioned on its adjustable stand, demonstrating its hands-free automatic scanning capability.

## Language and Customization

The Tera HW0001 supports multiple keyboard languages, including US, UK, German, French, Italian, Spanish, and Japanese. It also allows for various customizations such as uppercase/lowercase setting, adding prefixes or suffixes, hiding characters, and adjusting volume settings. Detailed instructions for these settings are available in the comprehensive user manual (PDF).



Image: Icons indicating support for multiple languages including English, Spanish, German, Japanese, French, and Italian.

## MAINTENANCE

### Battery Information

The scanner is powered by 1 Lithium Ion battery (included). Ensure the scanner is charged regularly to maintain optimal performance. Avoid exposing the scanner to extreme temperatures or moisture to prolong battery life and device longevity.



Image: Visual representation of battery level indicators (100%, 75%, 50%, 25%) for the scanner.  
For cleaning, use a soft, dry cloth. Do not use abrasive cleaners or immerse the device in liquids.

## TROUBLESHOOTING

If you encounter any issues with your Tera HW0001 barcode scanner, please refer to the following general troubleshooting tips:

- **No Scan Output:** Ensure the scanner is properly connected (Bluetooth paired, dongle inserted, or USB cable connected). Check if the scanner is charged.
- **Incorrect Data Output:** Verify the keyboard language settings on your computer match the scanner's configuration. Refer to the user manual (PDF) for language and data format settings.
- **Intermittent Connection:** For wireless modes, ensure the scanner is within range of the dongle or Bluetooth host. Minimize interference from other wireless devices.
- **Scanner Not Responding:** Try restarting the scanner by turning it off and on. If issues persist, perform a factory reset as described in the user manual (PDF).

For more detailed troubleshooting steps and advanced configurations, please consult the full User Manual (PDF) provided with your product or available online.

## SPECIFICATIONS

Feature	Detail
Product Dimensions	7.68 x 5.59 x 3.98 inches
Item Weight	1.1 pounds
Batteries	1 Lithium Ion battery (included)
Compatible Devices	Desktop, Laptop, Smartphone
Power Source	Corded Electric
Connectivity Technology	2.4G Wireless, Bluetooth, USB Cable
Manufacturer	Tera
Date First Available	April 7, 2020

## WARRANTY AND SUPPORT




For detailed warranty information and customer support, please refer to the official Tera website or contact their customer service directly. The comprehensive User Manual (PDF) also contains important information regarding product warranty and technical support contacts.

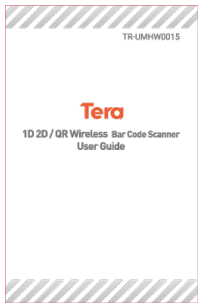


You can access the User Manual PDF [here](#).



Related Documents - HW0001

<div>TS-UM017</div> <div></div> <div>Model No.: D5100 Wireless 2D Barcode Scanner</div> <div>User Manual Ver.02.1.05</div>	<div><a href="#">Tera D5100 Wireless 2D Barcode Scanner User Manual</a></div> <div>Comprehensive user manual for the Tera D5100 Wireless 2D Barcode Scanner, detailing setup, operation modes, configuration, and support resources.</div>
	<div><a href="#">Tera D5100Y Wired 2D Barcode Scanner User Manual</a></div> <div>User manual for the Tera D5100Y Wired 2D Barcode Scanner, detailing setup, configuration options, and usage instructions for optimal performance in retail, warehouse, and POS environments.</div>
<div>User Manual of Product 1: Tera Barcode Scanner Wireless with Battery Level Indicator Rechargeable 1000mAh Rechargeable Battery Design Patent: 6,058,494 (U.S. Pat.)</div> <div>User Manual of Product 2: Tera Barcode Scanner CCD USB Wired 1D Handheld Bar Code Reader, Hand Scanner, Digital Smartphone Barcode Plug and Play, 1000C</div>	<div><a href="#">Tera 5200C Wireless Barcode Scanner User Manual</a></div> <div>User manual for the Tera 5200C Wireless Barcode Scanner, detailing setup, features, specifications, connectivity options (2.4Ghz, Bluetooth, USB), and support information for Tera barcode scanners.</div>
<div>TS-UM0009</div> <div></div> <div>Model: HW0009 2D Area-imaging Barcode Scanner with Display and Charging Cradle</div> <div>User Manual Ver.01.1.01</div>	<div><a href="#">Tera HW0009 2D Barcode Scanner User Manual</a></div> <div>Official user manual for the Tera HW0009 2D Area-imaging Barcode Scanner. This guide details setup, configuration, wireless (2.4G, Bluetooth) and USB connectivity, operation modes, and scanner settings for this handheld barcode reader with a digital display and charging cradle.</div>
<div>TR-UM0100-E</div> <div></div> <div>Model: 5100E Wireless/Wired 1D Laser Barcode Scanner</div> <div>User Manual Ver.05.1.01</div>	<div><a href="#">Tera 5100E Wireless/Wired 1D Laser Barcode Scanner User Manual</a></div> <div>This user manual provides comprehensive instructions and specifications for the Tera 5100E Wireless/Wired 1D Laser Barcode Scanner, covering setup, configuration, and operation.</div>



### [Tera 1D 2D / QR Wireless Bar Code Scanner User Guide - TR-UMHW0015](#)

Comprehensive user guide for the Tera TR-UMHW0015 1D, 2D, and QR wireless barcode scanner. Learn about setup, settings, operation, and troubleshooting for efficient data capture.