

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Tera](#) /

› [Tera HW0015 Wireless Barcode Scanner User Manual](#)

Tera HW0015

Tera HW0015 Wireless Barcode Scanner User Manual

Model: HW0015

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Tera HW0015 Wireless Barcode Scanner. This device is designed for efficient and accurate scanning of 1D, 2D, and QR codes across various surfaces and conditions, offering flexible connectivity options and user-friendly features.



Figure 1: Tera HW0015 Wireless Barcode Scanner with its charging cradle.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Barcode Scanner (HW0015) x1
- Charging Dock x1
- Charging Cable x1
- User Manual x1



Figure 2: Visual representation of the items included in the product package.

3. PRODUCT FEATURES

- **Digital Setting Keypad and Screen:** The scanner features an integrated screen and keypad for direct configuration of settings such as connection modes, sound, vibration, encoding, transport mode, sleep time, transfer speed, wireless settings, key settings, barcode hiding, barcode terminal, case settings, default settings, total count clearing, and language.
- **Advanced Power Switch:** A physical power switch key allows for easy activation and deactivation of the scanner, conserving battery life when not in use.
- **Large Memory Capacity:** Equipped with 16MB of memory, the scanner can store over 100,000 barcodes for offline data collection.
- **Global CMOS Imaging Scanning:** Provides rapid and accurate scanning of 1D, 2D, and QR codes, including PDF417 formats. It performs effectively on various surfaces, including reflective materials and even underwater.
- **Wireless Connectivity:** Supports both Bluetooth and 2.4G wireless connections. The 2.4G USB dongle offers a transmission range of up to 328ft (barrier-free) and 164ft (with obstacles).
- **Long Battery Life:** A powerful 2600mAh battery ensures extended operation, complemented by a convenient charging cradle.
- **Wide Compatibility:** Compatible with various devices (smartphones, computers, POS systems, tablets) and operating systems (Windows 11/10/8/7/XP, Mac OS, iOS, Android, Linux).



Figure 3: The scanner demonstrates wide compatibility with different devices and operating systems.

4. SETUP

4.1 Charging the Scanner

1. Connect the charging cable to the charging dock and a power source.
2. Place the scanner onto the charging dock. Ensure proper alignment for charging.
3. The scanner's screen will indicate charging status. A full charge typically takes several hours.

4.2 Powering On/Off

Locate the physical power switch key on the scanner. Push the switch key to the 'ON' position to power on the device. Push it to the 'OFF' position to power off and conserve battery.

Energy-Saving Physical Switch Key

48 Hours Continuous Working Time



Figure 4: The physical power switch and battery capacity of the scanner.

5. OPERATING INSTRUCTIONS

5.1 Basic Scanning

1. Ensure the scanner is powered on and connected to your host device (see Section 6 for connectivity).
2. Point the scanner's window at the barcode you wish to scan.
3. Press the trigger button. A scan line or light will appear.
4. Hold steady until a successful scan is indicated by an audible beep, vibration, or visual confirmation on the screen.

5.2 Screen Navigation and Settings

The integrated screen and keypad allow for direct configuration. Use the navigation buttons (Up, Down, OK, Back) to browse menus and adjust settings. The screen displays current time, battery level, connection mode, barcode data, total stored barcodes, and total amount.

EASY TO SET VIA TOUCHSCREEN



Figure 5: The scanner's screen interface for settings and data display.

Your browser does not support the video tag.

Video 1: Demonstrates the Tera HW0015 Scanner's digital screen and physical power switch functionality.

6. CONNECTIVITY

The Tera HW0015 offers multiple connectivity options:

- **2.4G Wireless Connection:** Insert the 2.4G USB dongle into your host device. The scanner will automatically attempt to pair. This mode offers a transmission distance of up to 328ft in open areas and 164ft with obstacles.
- **Bluetooth Connection:** Activate Bluetooth on your host device. On the scanner's screen, navigate to 'Connection' and select 'Bluetooth'. Follow the on-screen prompts or refer to the full user manual for specific pairing barcodes if required.
- **USB Cable Connection:** Connect the scanner directly to your device using the provided USB cable. This mode typically functions as a plug-and-play keyboard emulation (HID).

Wireless Barcode Scanner

2.4G Wireless Connection



Work with Bluetooth

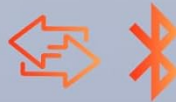


Figure 6: Illustration of the 2.4G wireless and Bluetooth connectivity options.

7. SCANNING MODES

The scanner supports various operational modes to suit different scanning needs:

- **Manual-Trigger Mode:** Press the trigger button to initiate each scan. Ideal for precise, individual barcode scanning.
- **Continuous Scan Mode:** The scanner continuously emits a scan beam, reading barcodes as they pass through the scan area without requiring trigger presses. Suitable for high-volume scanning.
- **Auto-Sense Mode:** The scanner automatically detects a barcode within its field of view and initiates a scan. This mode is useful for hands-free operation when the scanner is placed on its cradle or a stand.



Figure 7: The scanner being used in Manual-Trigger mode.



Figure 8: The scanner operating in Continuous Scan mode for multiple items.



Figure 9: The scanner in Auto-Sense mode, automatically scanning items.

8. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the scanner's exterior. Avoid abrasive cleaners or solvents. Ensure the scanning window is free of dust and smudges for optimal performance.

- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Charge the scanner regularly, especially if it will be stored for an extended period.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Durability:** The device is rated IK08 for impact resistance and IP54 for dust and splash protection, having passed a 6.6ft (2m) drop test. However, avoid intentional drops or exposure to harsh conditions.



Figure 10: The scanner's durability features, including drop test and IP ratings.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scanner does not power on.	Low battery; Power switch off.	Charge the scanner; Ensure the physical power switch is in the 'ON' position.
Cannot connect via Bluetooth.	Incorrect pairing mode; Host device Bluetooth off; No pairing barcode scanned.	Ensure Bluetooth is enabled on your device. Navigate to 'Connection' on the scanner screen and select 'Bluetooth'. Scan the appropriate pairing barcode from the full user manual if required for your specific Bluetooth profile (HID, SPP, BLE).
Cannot connect via 2.4G wireless.	Dongle not inserted; Dongle not recognized.	Ensure the 2.4G USB dongle is securely inserted into your host device. Try a different USB port.
Scanner not reading barcodes.	Barcode damaged/unreadable; Incorrect scanning mode; Scanning window dirty.	Ensure the barcode is clear and undamaged. Check the scanner's screen to confirm the correct scanning mode is active. Clean the scanning window.
No data transmitted to host device.	Connection lost; Incorrect interface mode.	Verify the connection status on the scanner's screen. Re-establish the connection if necessary. Ensure the scanner is set to the correct interface mode (e.g., HID for keyboard emulation).

10. SPECIFICATIONS

Feature	Detail
Model	HW0015
Dimensions	3.3 x 4.7 x 7.08 inches
Weight	1.08 pounds
Connectivity	2.4G Wireless, Bluetooth, USB Cable
Power Source	Battery Powered (2600mAh)
Compatible Devices	Desktop, Laptop, Smartphone, Tablet
Supported 1D Codes	UPC-A, UPC-E, EAN-8, EAN-13, Code 128, Code 39, Code 93, Code 11, Interleaved 2 of 5, Matrix 2 of 5, Standard 2 of 5, Coda bar, MSI Plessey, RSS
Supported 2D Codes	QR code, Data Matrix, PDF417, Aztec, Maxicode, Micro QR
Memory	16MB (stores over 100,000 barcodes)
Durability	IK08, IP54, 6.6ft (2m) drop test passed

11. WARRANTY AND SUPPORT

Tera products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the contact details provided with your purchase documentation or visit the official Tera website. Please retain your proof of purchase for warranty claims.

Manufacturer: Tera

Related Documents - HW0015

<p style="text-align: center;">TR-UM-900</p> <p style="text-align: center;">Tera Model No.: 9100 1D/2D Wired Desktop Barcode Scanner</p> <p style="text-align: center;">User Manual Ver.1.1.01</p>	<p style="text-align: center;">Tera 9100 1D/2D Wired Desktop Barcode Scanner User Manual</p> <p>This user manual provides comprehensive guidance for the Tera 9100 1D/2D wired desktop barcode scanner, covering setup, configuration, operation, and advanced features.</p>
<p style="text-align: center;">TR-UM800Y</p> <p style="text-align: center;">Tera Model: 8100Y 1D/2D Corded Area-Imaging Barcode Scanner</p> <p style="text-align: center;">User Manual Ver.01.01</p>	<p style="text-align: center;">Tera 8100Y Corded Barcode Scanner User Manual</p> <p>Official user manual for the Tera 8100Y 1D/2D corded area-imaging barcode scanner. Provides detailed instructions on setup, configuration, communication, data editing, and supported symbologies. Available in multiple languages.</p>
<p style="text-align: center;">TR-UM5100-E</p> <p style="text-align: center;">Tera Model: 5100E Wireless/Wired 1D Laser Barcode Scanner</p> <p style="text-align: center;">User Manual Ver.05.1.01</p>	<p style="text-align: center;">Tera 5100E Wireless/Wired 1D Laser Barcode Scanner User Manual</p> <p>This user manual provides comprehensive instructions and specifications for the Tera 5100E Wireless/Wired 1D Laser Barcode Scanner, covering setup, configuration, and operation.</p>
<p style="text-align: center;">EV0024-1</p> <p style="text-align: center;">Tera Model No.: 6900 1D Barcode Scanner</p> <p style="text-align: center;">User Manual Ver.05.1.01</p> <p style="text-align: center;"><small>The scanner's keyboard layout default is a US keyboard.</small></p>	<p style="text-align: center;">Tera 6900 1D Barcode Scanner User Manual - Configuration and Operation</p> <p>Detailed user manual for the Tera 6900 1D Barcode Scanner. Covers setup, scanning modes, volume, tune, USB settings, symbology configuration, prefix/suffix insertion, string insertion, hiding data, terminators, ASCII chart, and troubleshooting.</p>
<p style="text-align: center;">TR-UMD17</p> <p style="text-align: center;">Tera Model No.: D5100 Wireless 2D Barcode Scanner</p> <p style="text-align: center;">User Manual Ver.02.1.05</p>	<p style="text-align: center;">Tera D5100 Wireless 2D Barcode Scanner User Manual</p> <p>Comprehensive user manual for the Tera D5100 Wireless 2D Barcode Scanner, detailing setup, operation modes, configuration, and support resources.</p>

EV0019

Tera

Model No.: HW0010
Wireless 2D Mini Barcode Scanner

User Manual
Ver.01.1.01

[Tera HW0010 Wireless 2D Mini Barcode Scanner User Manual](#)

This user manual provides comprehensive instructions for the Tera HW0010 Wireless 2D Mini Barcode Scanner, covering setup, operation, communication modes (2.4G, Bluetooth), and detailed configuration settings for efficient data capture.