

Tera 1100C 1D Mini CCD

Tera 1100C 1D Mini CCD Wireless Barcode Scanner User Manual

Model: 1100C 1D Mini CCD

1. INTRODUCTION AND OVERVIEW

The Tera 1100C 1D Mini CCD Wireless Barcode Scanner is a compact, portable, and highly versatile device designed for efficient barcode data collection. Featuring 3-in-1 connectivity (Bluetooth, 2.4G Wireless, and USB Wired), an IP66 waterproof and dustproof rating, and the ability to read 1D barcodes from both digital screens and printed materials, this scanner is suitable for a wide range of applications.



Figure 1.1: Tera 1100C Mini CCD Barcode Scanner in use.

Tera

3-IN-1 CCD SCANNER FOR 1D BARCODES

MINI PORTABLE

IP66 Waterproof Design

Support Bluetooth 5.0

Scan Barcodes on Screen



Figure 1.2: Key features of the Tera 1100C scanner.

Video 1.1: Official product overview of the Tera 1100C Mini Portable 1D CCD Barcode Scanner, demonstrating its features and portability.

2. PACKAGE CONTENTS

Upon opening your Tera 1100C Barcode Scanner package, please verify that all the following items are included:

- Barcode Scanner (x1)
- USB Cable (x1)
- 2.4G USB Dongle (x1)
- User Manual (x1)

3. PRODUCT FEATURES

3.1. IP66 Water-proof & Dust-proof Design

The Tera 1100C scanner boasts an IP66 rating, ensuring it is highly resistant to both water and dust ingress. This makes it suitable for use in various demanding environments.



Figure 3.1: IP66 Certification and waterproof demonstration.

3.2. 1D Barcode Reading Capability

This scanner is specifically designed to read 1D barcodes. It supports both digital (on-screen) and printed 1D barcode symbologies, including Codabar, Code 11, Code93, MSI, Code 128, UCC/EAN-128, Code 39, EAN-8, EAN-13, UPC-A, ISBN, Industrial 25, Interleaved 25, Standard 25, and 2/5 Matrix.

Capable of scanning 1D barcodes displayed on screen



Figure 3.2: Scanning 1D barcodes from screens and printed materials.

3.3. Vibration Alert

For environments requiring quiet operation, the scanner features a vibration alert function. When the audible volume is turned off, the vibration will confirm a successful barcode scan.



Figure 3.3: Scanner features including vibration alert.

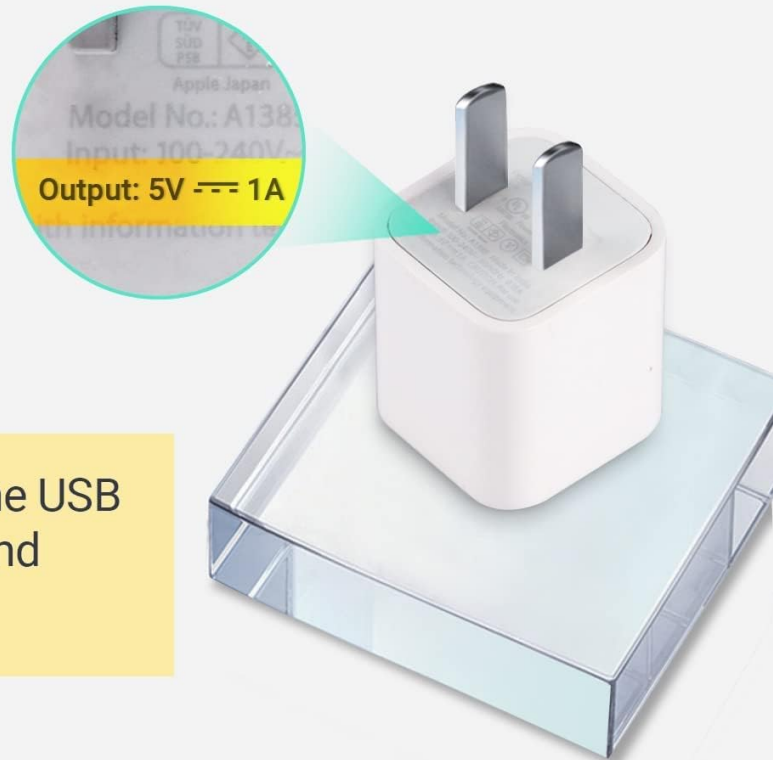
4. GETTING STARTED

4.1. Charging the Scanner

Before first use, fully charge the scanner. Use the provided USB cable. It is recommended to use a 5V/1A charging adapter. **Do not use USB Power Delivery (USB PD) standard power adapters or cables** as this scanner does not support that standard.

Recommended charging
voltage/current: **5V/1A**

Maximum charging
voltage/current: **5V/1.2A**



Please do not use the USB
PD power adapter and
cable to charge.

Figure 4.1: Charging recommendations for the scanner.

4.2. Connection Ways

The Tera 1100C offers three versatile connection methods:

- **Bluetooth:** Connect wirelessly to devices like smartphones, tablets, and laptops.
- **2.4GHz Wireless:** Use the included USB dongle for wireless connection to computers. This mode offers a transmission distance of up to 656ft in barrier-free environments and 98ft with obstacles.
- **USB 2.0 Wired:** Connect directly to your device via the USB cable for a stable wired connection.

3 in 1 connection mode



Compatible with Bluetooth



2.4G Wireless Connection



USB Wired Connection

Figure 4.2: Three-in-one connection modes.

4.3. Compatible Devices and Systems

The scanner is compatible with a wide range of devices and operating systems:

- **Devices:** PC, Laptop, iPad, iPhone, Smartphone, Tablet.
- **Systems:** Windows, iOS, Android, Linux, Mac OS.

Compatible Devices



PC



laptop



ipad



iphone

Work with laptop, PC,
smartphone, iphone,
ipad.



Compatible Systems



iOS



Android



Linux



Windows



Mac OS

Figure 4.3: Compatible devices and operating systems.

5. OPERATING INSTRUCTIONS

5.1. Scanning Barcodes

To scan a barcode, point the scanner's reading window at the barcode and press the trigger button. Ensure the barcode is within the scanner's field of view for optimal reading.

5.2. Two Scanning Modes

The scanner supports two primary scanning modes:

- **Key Trigger Mode:** Press the trigger button for each scan.
- **Continuous Mode:** The scanner continuously reads barcodes without needing to press the trigger for each scan. This mode is ideal for high-volume scanning.



Figure 5.1: Key Trigger Mode vs. Continuous Mode.

5.3. Data Upload Modes

The scanner offers two data upload modes to suit your workflow:

- **Instant Upload Mode:** Barcodes are uploaded directly to your connected device immediately after scanning.
- **Storage Mode:** Scan and store up to 50,000 barcodes in the scanner's built-in memory. All stored data can then be uploaded to your device when needed.



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

Figure 5.2: Instant Upload Mode and Storage Mode.

5.4. Adding Time Prefix/Suffix

The scanner supports adding time prefixes or suffixes to scanned barcode data, which can be useful for timestamping inventory or tracking. Refer to the full user manual (PDF) for detailed instructions on configuring this feature.



Figure 5.3: Scanner supporting time prefix/suffix.

5.5. Multi-Language Support

The scanner supports various language settings, allowing for broader compatibility and ease of use in different regions. Supported languages include English, Spanish, German, Japanese, French, and Italian.



Figure 5.4: Multi-language support.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Tera 1100C Barcode Scanner, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the scanner's exterior. For the scanning window, use a lint-free cloth and a mild glass cleaner if necessary. Avoid abrasive materials or harsh chemicals.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Port Plug:** Always ensure the waterproof anti-dust silicon port plug is securely in place when the USB port is not in use to maintain the IP66 rating.
- **Battery Care:** Avoid fully discharging the battery frequently. For long-term storage, charge the battery to about 50% and store in a cool place.

7. TROUBLESHOOTING

If you encounter issues with your Tera 1100C Barcode Scanner, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Scanner not turning on	Low battery; Power button not pressed correctly	Charge the scanner fully; Press and hold the power button until indicator light appears.
Cannot connect via Bluetooth/2.4G	Out of range; Incorrect pairing mode; Interference	Ensure scanner is within range; Re-enter pairing mode (refer to full manual); Move away from other wireless devices.
Cannot scan barcodes	Barcode damaged/unreadable; Incorrect scanning mode; Scanner lens dirty	Try scanning a different barcode; Switch scanning modes (e.g., Key Trigger); Clean the scanning lens.
Scanned data incorrect/missing	Incorrect data format settings; Connection issue	Check scanner configuration for prefixes/suffixes; Re-establish connection.

For more detailed troubleshooting steps or persistent issues, please consult the comprehensive User Manual PDF provided with your product or visit the Tera official website for support.

8. SPECIFICATIONS

Feature	Detail
Model	1100C 1D Mini CCD
Product Dimensions	0.78 x 1.57 x 3.4 inches (0.78"D x 1.57"W x 3.4"H)
Item Weight	4.9 ounces
Connectivity Technology	Bluetooth, 2.4G Wireless, USB Cable

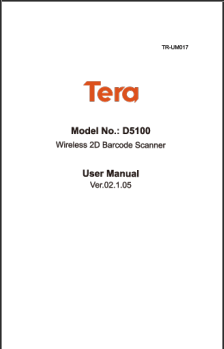
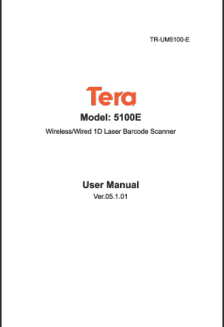
Feature	Detail
Power Source	Corded Electric (Internal Rechargeable Battery)
Compatible Devices	Laptop, Desktop, Tablet, Smartphone
Manufacturer	Tera
Decode Capability (1D)	Codabar, Code 11, Code93, MSI, Code 128, UCC/EAN-128, Code 39, EAN-8, EAN-13, UPC-A, ISBN, Industrial 25, Interleaved 25, Standard 25, 2/5 Matrix etc.
IP Rating	IP66 (Water-proof, Dust-proof)
Battery Capacity	650mAh (approx. 12 hours normal use time)
Storage Capacity	Up to 50,000 barcodes




9. WARRANTY AND SUPPORT

For information regarding product warranty, technical support, and service, please refer to the warranty card included in your product packaging or visit the official Tera website. The full User Manual (PDF) is also available for download from the Tera website for detailed instructions and advanced configurations.

User Manual (PDF): [Download Here](#)

Related Documents - 1100C 1D Mini CCD

 <p>Model No.: D5100 Wireless 2D Barcode Scanner User Manual Ver.02.1.05</p>	<p>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>
 <p>Model: 5100E Wireless/Wired 1D Laser Barcode Scanner User Manual Ver.05.1.01</p>	<p>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>Tera 1D 2D / QR Wireless Bar Code Scanner User Guide - TR-UMHW0015</p> <p>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.</p>
	<p>Tera D5100Y Wired 2D Barcode Scanner User Manual</p> <p>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.</p>
	<p>Tera 5200C Wireless Barcode Scanner User Manual</p> <p>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.</p>
	<p>Tera HW0010 Wireless 2D Mini Barcode Scanner User Manual</p> <p>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.</p>