Tera 3106

Tera 1D Wired USB Laser Barcode Scanner Model 3106 User Manual

Comprehensive instructions for setup, operation, and maintenance.

INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your Tera 1D Wired USB Laser Barcode Scanner, Model 3106. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity.

PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present and in good condition:

- 1 x Tera 1D Wired USB Laser Barcode Scanner (Model 3106)
- 1 x USB Cable
- 1 x User Manual

PRODUCT FEATURES

- **1D Barcode Scanning:** Capable of scanning standard 1D barcodes including UPC & EAN, UPC-A, UPC-E, Code 39, Code 32, Code 93, Code 11, Code 128, UCC-EAN128, EAN-8, EAN-13, ISSN, ISBN, CODABAR, MSI, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5. *Note: Not suitable for 2D, QR, or digital 1D barcodes.*
- **Plug & Play Connectivity:** Simple USB connection to your computer. No software or drivers required.
- **Durable Design:** Shock-resistant construction, designed to withstand drops from 1.5 meters. Features an anti-impact structure with a protective band.
- **Antibacterial Material:** Constructed with antibacterial material, making it suitable for medical environments and other sensitive areas.

- **Multiple Scanning Modes:** Supports both Key Trigger Mode (manual scanning) and Continuous Mode (automatic scanning).
- **Wide Compatibility:** Works with Windows, Mac OS, and Linux operating systems. Compatible with common applications like Word, Excel, Novell, and QuickBooks.
- **Multi-language Support:** Supports various keyboard languages including English, Spanish, German, French, Italian, and Japanese.

SETUP INSTRUCTIONS

1. **Connect the Scanner:** Insert the USB cable into the scanner's port and then connect the other end of the USB cable to an available USB 2.0 port on your computer (PC or laptop).
2. **System Recognition:** Your operating system (Windows, Mac OS, or Linux) will automatically detect and install the necessary drivers. This is a Plug & Play device, so no manual driver installation is typically required.
3. **Test Functionality:** Open a text editor (e.g., Notepad, Word) or a compatible application (e.g., Excel, QuickBooks). Scan a 1D barcode. The barcode data should appear in the opened application.

Image: The Tera barcode scanner connected to a laptop, illustrating the simple Plug & Play setup process. The image also highlights support for multiple keyboard languages.

OPERATING INSTRUCTIONS

Scanning Modes

The Tera 3106 scanner offers two primary scanning modes:

- **Key Trigger Mode (Manual):** Press the trigger button on the scanner to activate the laser and scan a barcode. Release the button after a successful scan.
- **Continuous Mode (Automatic):** In this mode, the scanner's laser remains active, continuously scanning for barcodes without requiring a trigger press. This is ideal for hands-free operation, especially when used with a scanner stand (not included). You can switch between these modes by scanning specific configuration barcodes provided in the full user manual (if applicable).

TWO SCANNING MODES
- ## Key Trigger Mode
- ## Continuous Mode

Image: Illustration of the two scanning modes: Key Trigger Mode for manual operation and Continuous Mode for automatic, hands-free scanning.

Scanning Barcodes

1. Point the scanner's laser beam directly at the center of the 1D barcode you wish to scan.

2. Ensure the barcode is within the scanner's optimal reading distance.

3. Press the trigger (in Key Trigger Mode) or allow the scanner to automatically detect the barcode (in Continuous Mode).

4. A successful scan is typically indicated by an audible beep and/or a visual confirmation (e.g., LED indicator). The scanned data will be transmitted to your connected computer.

Powerful 1D Decoding Capability

✓	✓	✓	✓
2 854082 684820	5898873 4552 82	5 625284 4822 68	8 820064 582030
Damaged	Fuzzy	Reflective	Smudged

Image: The scanner's capability to accurately decode various types of 1D barcodes, including those that are damaged, fuzzy, reflective, or smudged.

MAINTENANCE

To ensure the longevity and optimal performance of your Tera 3106 barcode scanner, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the scanner's exterior with a soft, damp cloth. For the scanning window, use a lint-free cloth and a mild, non-abrasive cleaner. Avoid harsh chemicals or abrasive materials that could scratch the surface.
- **Antibacterial Properties:** The scanner's antibacterial material helps maintain hygiene. For medical or sensitive environments, follow standard cleaning protocols for such devices.
- **Storage:** Store the scanner in a clean, dry environment away from extreme temperatures, direct sunlight, and corrosive substances.
- **Cable Care:** Avoid bending or twisting the USB cable excessively. Do not pull the cable to disconnect the scanner; always grasp the plug.

Image: The antibacterial outer shell of the Tera scanner, emphasizing its suitability for environments requiring high hygiene standards.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Scanner does not power on.	USB cable not properly connected or faulty USB port.	Ensure the USB cable is securely connected to both the scanner and the computer. Try a different USB port on your computer.
Scanner does not read barcodes.	Incorrect barcode type, barcode damaged, or scanner in wrong mode.	- Verify the barcode is a supported 1D type (not 2D or QR). - Ensure the barcode is clean and undamaged. - Check if the scanner is in the correct operating mode (Key Trigger or Continuous). - Ensure the laser beam is centered on the barcode.
Scanned data appears incorrectly.	Incorrect keyboard language setting or application issue.	- Ensure your computer's keyboard language setting matches the scanner's configuration (if adjusted). - Test with a different application (e.g., Notepad) to rule out application-specific issues.
Scanner is slow or unresponsive.	System resource issues or cable problem.	Restart your computer. Try connecting the scanner to a different USB port or a different computer to isolate the issue.

SPECIFICATIONS

Feature	Detail
Brand	Tera
Model	3106
Color	White/Blue
Connectivity Technology	Wired USB 2.0

Feature	Detail
Compatible Devices	Computer, Laptop
Compatible Operating Systems	Windows, Mac OS, Linux
Scan Rate	100 images per second
Barcode Types Supported	1D: UPC & EAN, UPC-A, UPC-E, Code 39, Code 32, Code 93, Code 11, Code 128, UCC-EAN128, EAN-8, EAN-13, ISSN, ISBN, CODABAR, MSI, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5
Drop Resistance	Withstands drops from 1.5 meters
Special Features	Antibacterial material, Plug & Play, Two scanning modes (Key Trigger, Continuous)
Country of Origin	China
ASIN	B09FXLG5RC

WARRANTY AND SUPPORT

Tera products are designed for reliability and performance. For any technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Tera customer support.
Please refer to the official Tera website or the contact information provided with your purchase for the most up-to-date support details.

Image: Customer service representatives ready to assist with product inquiries and support.