Tera L5100Y

Tera L5100Y USB Laser 1D Barcode Scanner User Manual

Model: L5100Y | Brand: Tera

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Tera L5100Y USB Laser 1D Barcode Scanner. Designed for efficiency and durability, this scanner offers fast and precise scanning capabilities for various 1D barcodes. Please read this manual thoroughly to ensure proper use and to maximize the lifespan of your device.

Image: The Tera L5100Y USB Laser 1D Barcode Scanner, featuring its ergonomic design and integrated USB cable.

SETUP

Plug & Play Installation

The Tera L5100Y barcode scanner is designed for simple plug-and-play operation, requiring no driver installation. Follow these steps to set up your scanner:

1. Ensure your computer or device has an available USB 2.0 port.

2. Connect the USB cable of the scanner to a USB port on your computer.

3. The operating system (Windows, Mac, Linux) will automatically recognize the device.

4. Once recognized, the scanner is ready for use with applications such as Word, Excel, Novell, and other common software.

Image: Illustration showing the simple plug-and-play connection of the Tera L5100Y barcode scanner to a laptop via USB.

OPERATING INSTRUCTIONS

Scanning Modes

The L5100Y scanner supports two primary scanning modes:

- **Manual Scanning (Key Trigger Mode):** Press the trigger button to activate the laser and scan a barcode.
- **Auto Continuous Scanning Mode:** The scanner continuously emits the laser, allowing for hands-free scanning without pressing the trigger for each item.

You can switch between these modes by scanning specific configuration barcodes provided in the quick start guide or a
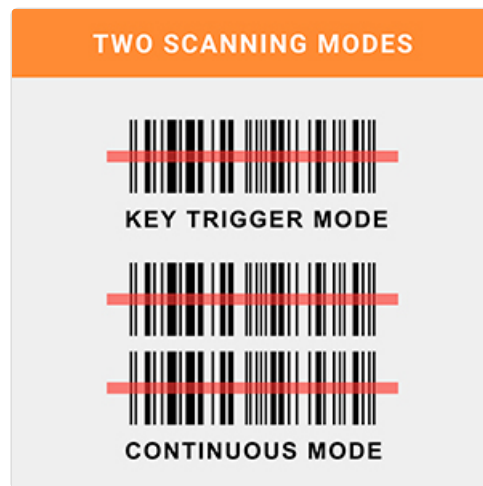
separate settings sheet.

Image: Diagram illustrating the two scanning modes: Key Trigger Mode (manual) and Continuous Mode (automatic).

Barcode Decoding Capacity

The Tera L5100Y is designed for super 1D decoding capacity, supporting a wide range of linear barcodes including:

- UPC&EAN, UPC-A, UPC-E
- Code 39, CODE32, Code 93, CODE11, Code 128, UCC-EAN128
- EAN-8, EAN-13, ISSN, ISBN
- CODABAR, MSI
- Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5 code, and more.

Note: This scanner is specifically for 1D barcodes and does not scan 2D QR codes or barcodes displayed on screens.

Image: The Tera L5100Y scanner actively scanning a 1D barcode from a roll of labels, with boxes in the background, emphasizing its 1D capability.

Customizable Settings

The scanner offers multiple customizable settings to adapt to your specific needs:

- **Prefix** / **Suffix:** Add custom characters before or after scanned data.
- **Volume:** Adjust the sound feedback.
- **Terminator:** Configure the character sent after the barcode data (e.g., Enter key).
- **Upper** / **Lower Case:** Convert scanned data to desired case.
- **Keyboard Language:** Supports English, Spanish, German, French, Italian, Japanese, and more.

Image: Flags representing supported languages for the scanner.

Image: Example of adding or hiding digits in scanned barcode output.

Typical Usage Scenarios

The Tera L5100Y barcode scanner is versatile and suitable for various environments:

- Retail Stores and Supermarkets for checkout and inventory.
- Pharmacies for managing medication and product codes.
- Book Shops for cataloging and sales.
- Warehouses and logistics for tracking goods.

Image: Collage showing the barcode scanner being used in a supermarket, retail store, pharmacy, and book shop.

DESIGN FEATURES

Ergonomic Handle

The L5100Y features a specially designed ergonomic handle for comfortable and extended use. It is slightly longer and thicker with a curved design to fit naturally in the hand, reducing fatigue during long scanning sessions.

Image: Close-up of the scanner's curved and extended ergonomic handle, designed for comfortable grip.

MAINTENANCE

Durability and Care

The Tera L5100Y is built with durability in mind, featuring an IP65 rating for dustproof and waterproof protection, and an anti-shock silicone design to withstand drops.

- **Cleaning:** Use a soft, dry cloth to clean the scanner's exterior. For the scanning window, use a lens cleaning cloth and solution if necessary, avoiding abrasive materials.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid sharp bends or excessive pulling on the USB cable to prevent damage.

Anti-Shock Silicone (IP65)
Avoid Collision Damage or Break While Falling Off Your Desk or Shelf

Image: Illustration demonstrating the anti-shock silicone protection of the Tera L5100Y scanner, showing it can withstand impacts from falling.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Scanner not recognized by computer.	Loose USB connection, faulty USB port, or incompatible operating system.	Ensure the USB cable is securely connected. Try a different USB port. Verify your operating system (Windows, Mac, Linux) is supported.
Scanner does not read barcodes.	Incorrect barcode type, damaged barcode, insufficient lighting, or scanner in wrong mode.	Confirm it's a 1D barcode (not 2D/QR). Ensure the barcode is clear and undamaged. Adjust lighting conditions. Check if the scanner is in the correct scanning mode (manual/continuous).

Problem	Possible Cause	Solution
Scanned data is incorrect or incomplete.	Incorrect keyboard language setting, or prefix/suffix settings.	Scan the appropriate configuration barcodes to set the correct keyboard language. Review and adjust prefix/suffix settings if applicable.
No sound feedback after scanning.	Volume setting is off or too low.	Scan the configuration barcode to increase the volume.

SPECIFICATIONS

Feature	Detail
Model Number	L5100Y
Connectivity Technology	USB Cable (Wired)
Power Source	Corded Electric, USB Cable
Compatible Devices	Laptop, Desktop (Windows, Mac, Linux)
Scanning Speed	Up to 300 scans/sec
Error Rate	1 in 5 million
Decoding Capacity	1D Barcodes (UPC/EAN, Code 39, Code 128, etc.)
IP Rating	IP65 (Dustproof, Waterproof)
Ergonomics	Curved & Extended Ergonomic Handle
Cable Length	5.9ft / 1.8m
Item Weight	9.6 ounces
Package Dimensions	7.8 x 4.37 x 3.11 inches

Related Documents - L5100Y

TR-UM017 **Tera** **Model No.: D5100** Wireless 2D Barcode Scanner **User Manual** Ver.02.1.05	**Tera D5100 Wireless 2D Barcode Scanner User Manual** Comprehensive user manual for the Tera D5100 Wireless 2D Barcode Scanner, detailing setup, operation modes, configuration, and support resources.
TR-UM5100-E **Tera** **Model: 5100E** Wireless/Wired 1D Laser Barcode Scanner **User Manual** Ver.05.1.01	**Tera 5100E Wireless/Wired 1D Laser Barcode Scanner User Manual** This user manual provides comprehensive instructions and specifications for the Tera 5100E Wireless/Wired 1D Laser Barcode Scanner, covering setup, configuration, and operation.
User Manual of Product 1: Tera Barcode Scanner Wireless with Battery Level Indicator Rechargeable 1D Laser Barcode Reader 200mAh Battery, Design Patent: EU006409413, 5100 **User Manual of Product 2:** Tera Barcode Scanner CCD USB Wired 1D Handheld Bar Code Reader, Read Screen Digital Smartphone Barcode Plug and Play, 1500C	**Tera 5200C Wireless Barcode Scanner User Manual** 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.
TR-UM-HW0009 **Tera** **Model: HW0009** 2D Area-imaging Barcode Scanner with Display and Charging Cradle **User Manual** Ver.01.1.01	**Tera HW0009 2D Barcode Scanner User Manual** 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.
	Tera D5100Y Wired 2D Barcode Scanner User Manual 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.
TR-UMHW0015 **Tera** **1D 2D / QR Wireless Bar Code Scanner** **User Guide**	**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.