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› [Tera 1D 2D QR Barcode Scanner Wireless and Wired with Battery Level Indicator Digital Printed Bar Codes Reader with Stand Portable Handheld Barcode Scanner Compact Plug and Play Model D5100-Z 2D with stand](#)

## Tera D5100-Z-US

# Tera D5100-Z 2D Barcode Scanner User Manual

Model: D5100-Z-US

## 1. PRODUCT OVERVIEW

The Tera D5100-Z is a versatile 1D and 2D barcode scanner designed for efficient and reliable data capture. It supports both wireless and wired connectivity, features a battery level indicator, and is built for durability in various environments.

### Package Contents

- Barcode Scanner x1
- Barcode Scanner Stand x1
- USB Cable x1
- Wireless Dongle x1
- User Manual x1



The Tera D5100-Z 2D Barcode Scanner, complete with its flexible stand, USB cable, and wireless dongle for versatile connectivity.

## 2. SETUP AND CONNECTION

### 2-in-1 Connection Ways

The Tera D5100-Z scanner offers two convenient connection methods:

- **2.4GHz Wireless Mode:** Connects via the included USB wireless dongle, providing a transmission distance of up to 100m (328ft) in obstacle environments and up to 400m (0.25mi) in barrier-free environments.
- **USB 2.0 Wired Mode:** Connects directly to your device using the provided USB cable.

# 2 in 1

## Plug & Play

No Driver/Software Needed



PC



Laptop



Phone



Tablets



**2.4Ghz Wireless    USB Wired**

The scanner offers both 2.4GHz wireless and USB 2.0 wired connection options for flexibility.

### Plug and Play Operation

The scanner is designed for plug-and-play functionality, requiring no additional driver or software installation. It is compatible with various operating systems, including Linux, Mac OS, and Windows.



Simply plug the scanner into your computer's USB port to begin operation.

## 3. OPERATION GUIDE

## Battery Level Indicator

The Tera D5100-Z features a unique 4-level battery indicator light, allowing you to monitor the remaining battery level and avoid unexpected power loss. The 2000mAh battery capacity provides over 40 hours of continuous usage and more than 60 days of standby time.



The 4-level power indicator provides clear visibility of the scanner's battery status.

## Scanning Capabilities

This scanner is capable of reading both 1D and 2D barcodes, including QR codes, Data Matrix, and PDF417, from both printed materials and digital screens. This broad compatibility covers most general scanning requirements.

# 1D 2D QR Code Readable Screen Codes Readable



Aztec code



QR code



Date Matrix



PDF417



Mirco PDF417

The scanner efficiently reads a wide range of barcode types from both physical and digital sources.

Official product video demonstrating the Tera D5100 2D Wireless Barcode Scanner's features and scanning capabilities, including its ability to read various barcode types.

## Scanning Modes

The scanner supports different operational modes to suit your needs:

- **Key Trigger Mode:** Scan barcodes by pressing the trigger button.
- **Continuous Mode:** The scanner continuously emits a scan line, allowing for hands-free operation when placed on the stand.



Choose between manual trigger scanning or continuous hands-free scanning.

## Multi-Language Support

The scanner supports multiple languages for accurate output. To ensure correct barcode output, align the scanner's language with your computer's keyboard language. Supported languages include English, Spanish, German, French, Italian, and Japanese.



The scanner supports various languages for global compatibility.

## 4. CARE AND MAINTENANCE

### Anti-Shock Silicone & IP54 Protection

The scanner is equipped with an orange anti-shock silicone protective cover, designed to prevent scratches and friction, and to protect the device from falls up to 6.56 feet. Its IP54 technology provides protection against dust and splashing water, enhancing durability in various working conditions.



The durable design with anti-shock silicone and IP54 rating ensures longevity and reliability.

## 5. TROUBLESHOOTING

### Common Issues

- **Scanner not connecting wirelessly:** Ensure the USB dongle is properly inserted into your computer and the scanner is in wireless mode. If issues persist, try re-pairing the scanner with the dongle according to the user manual.
- **Incorrect barcode output (e.g., wrong characters):** Verify that the scanner's language setting is configured to match your computer's keyboard language. Adjusting this setting is crucial for accurate data transmission.
- **Difficulty scanning certain barcodes:** Ensure the barcode is clean, undamaged, and flat. Adjust the distance and angle of the scanner relative to the barcode for optimal reading. For screen barcodes, ensure screen brightness is adequate.

### Resetting the Scanner

If you encounter persistent issues that cannot be resolved through the above steps, a factory reset may be necessary. Please refer to the comprehensive user manual (PDF) for specific instructions on how to perform a factory reset, as this process involves scanning specific configuration barcodes.

## 6. TECHNICAL SPECIFICATIONS

<b>Product Dimensions</b>	2.5 x 3.9 x 6.6 inches
<b>Item Weight</b>	14.4 ounces
<b>Model Number</b>	D5100-Z-US
<b>Batteries</b>	1 Lithium Ion battery (included), 2000mAh capacity
<b>Connectivity Technology</b>	2.4G Wireless, USB Cable
<b>Compatible Devices</b>	Desktop, Laptop
<b>Power Source</b>	Battery Powered
<b>1D Barcode Types</b>	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, GS1, China Post, Databar(RSS), Korea, NEC2 of 5, etc.
<b>2D Barcode Types</b>	QR Code, Data Matrix, PDF417, Aztec code, Maxicode

## 7. WARRANTY AND SUPPORT

For detailed warranty information, technical assistance, or further inquiries regarding your Tera D5100-Z barcode scanner, please visit the official Tera website or contact their customer support directly. Keep your purchase receipt for warranty claims.

A comprehensive user manual with additional setup, configuration, and troubleshooting details is available for download:

[Download User Manual \(PDF\)](#)



[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.