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## Nilox 1D/2D Barcode Reader

# Nilox 1D/2D Barcode Reader User Manual

Model: 1D/2D Barcode Reader

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## 1. INTRODUCTION

Thank you for choosing the Nilox 1D/2D Barcode Reader. This device is designed for efficient and accurate scanning of both one-dimensional (1D) and two-dimensional (2D) barcodes, making it ideal for various retail, inventory, and point-of-sale applications. This manual provides detailed instructions on how to set up, operate, and maintain your barcode reader to ensure optimal performance and longevity.

## 2. SAFETY INFORMATION

Please read all safety instructions carefully before using the device. Failure to follow these instructions may result in injury or damage to the product.

- Do not expose the device to water or excessive moisture.
- Avoid dropping or subjecting the device to severe impacts.
- Do not attempt to disassemble or modify the device. Repairs should only be performed by qualified personnel.
- Keep the device away from direct sunlight and heat sources.
- Do not stare directly into the scanning light, as it may cause eye strain.
- Use only the provided USB cable for connection.

## 3. PACKAGE CONTENTS

Please check the package contents to ensure all items are present:

- Nilox 1D/2D Barcode Reader
- USB Connection Cable

- User Manual (this document)

## 4. SETUP

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### 4.1 Connecting the Barcode Reader

The Nilox 1D/2D Barcode Reader connects to your computer via a standard USB interface, ensuring a simple plug-and-play setup.

1. Locate an available USB port on your computer or host device.
2. Insert the USB connector of the barcode reader's cable into the USB port.
3. The operating system will typically detect and install the necessary drivers automatically. Wait for the installation to complete.
4. Once installed, the barcode reader is ready for use.



Figure 4.1: The Nilox barcode reader connected via its USB cable. The cable provides both power and data transmission.

### 4.2 Initial Test Scan

To confirm the reader is functioning correctly, open a text editor (e.g., Notepad, WordPad) or any application that accepts keyboard input on your computer. Scan a known barcode. The data from the barcode should appear in the text editor.





Figure 4.2: Front view of the Nilox barcode reader, showing the scanning window and trigger button.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Basic Scanning Procedure

To scan a barcode:

1. Hold the barcode reader comfortably in your hand.
2. Point the scanning window towards the barcode you wish to scan.
3. Press and hold the trigger button. A scanning light will emit from the window.
4. Adjust the distance and angle until the scanning light covers the entire barcode. A successful scan is usually indicated by an audible beep and/or a visual indicator (e.g., LED flash).
5. Release the trigger button. The scanned data will be transmitted to your connected device.

### 5.2 Scanning 1D and 2D Barcodes

The Nilox barcode reader is capable of reading both linear (1D) and matrix (2D) barcodes. For 1D barcodes, ensure the scanning line crosses the entire barcode. For 2D barcodes (like QR codes), ensure the entire code is within the scanning area.

### 5.3 Adjustable Positioning

The ergonomic design allows for comfortable handling and adjustable positioning to scan barcodes from various angles and distances, improving efficiency in different work environments.

## 6. MAINTENANCE

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### 6.1 Cleaning the Device

To ensure optimal scanning performance, keep the scanning window clean. Dust or smudges can interfere with accurate reading.

- Use a soft, lint-free cloth slightly dampened with water or a mild, non-abrasive cleaning solution.
- Gently wipe the scanning window and the exterior of the device.
- Do not use harsh chemicals, abrasive cleaners, or solvents.
- Ensure the device is completely dry before use.

### 6.2 Storage

When not in use, store the barcode reader in a cool, dry place, away from direct sunlight and extreme

temperatures. Protect the USB cable from kinks or damage.

## 7. TROUBLESHOOTING

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If you encounter issues with your Nilox barcode reader, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Reader does not power on.	USB cable not properly connected or faulty USB port.	Ensure the USB cable is securely plugged into both the reader and the computer. Try a different USB port.
No data transmitted after scanning.	Incorrect application focus, driver issue, or barcode not readable.	Ensure the target application (e.g., text editor) is active and ready for input. Reinstall drivers if necessary. Try scanning a different, known-good barcode. Clean the scanning window.
Barcode scans incorrectly.	Damaged barcode, poor print quality, or incorrect symbology settings.	Try scanning a different barcode. Ensure the barcode is flat and well-lit. Check if the barcode type is supported by the reader.
Device is unresponsive.	Temporary software glitch or power issue.	Unplug the USB cable, wait 10 seconds, then plug it back in to reset the device.

If the problem persists after trying these solutions, please contact Nilox customer support.

## 8. SPECIFICATIONS

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Feature	Description
Brand	Nilox
Connectivity Technology	USB
Scan Technology	Laser (for 1D/2D scanning)
Power Source	Cable Electric (USB powered)
Positioning	Adjustable

## 9. WARRANTY AND SUPPORT

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### 9.1 Warranty Information

Nilox products are manufactured to the highest quality standards. This product is covered by a limited warranty against defects in materials and workmanship. Please refer to the warranty card included with your purchase or visit the official Nilox website for detailed warranty terms and conditions specific to your region.

## 9.2 Customer Support

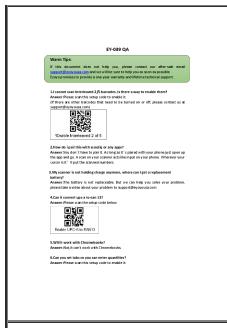
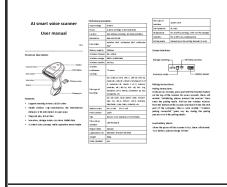
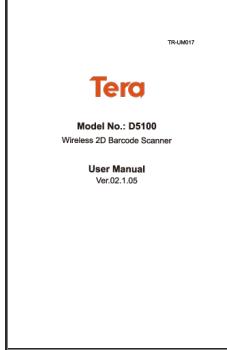
For technical assistance, troubleshooting, or any questions regarding your Nilox 1D/2D Barcode Reader, please contact Nilox customer support. Contact information can typically be found on the official Nilox website or on the product packaging.

**Website:** [www.nilox.com](http://www.nilox.com) (Please check for regional variations)

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## Related Documents - 1D/2D Barcode Reader

<p>TR-U008-FR</p> <p><b>Tera</b></p> <p>Modèle: 8100/HW0002/HW0008</p> <p>Lecteur de Codes à Barres</p> <p>Manuel en français</p> <p>Ver. 01.2.02</p> <p>Manuel d'utilisation plus récent &amp; Multilingue en ligne: <a href="http://www.tera-digital.com">http://www.tera-digital.com</a></p>	<p><b><a href="#">Manuel d'utilisation du Lecteur de Codes à Barres Tera 8100/HW0002/HW0008</a></b></p> <p>Ce manuel d'utilisation détaillé guide les utilisateurs à travers la configuration, les paramètres et le fonctionnement du lecteur de codes à barres Tera 8100/HW0002/HW0008, couvrant les paramètres sans fil, l'édition des données et plus encore.</p>
<p><b>Tera</b></p> <p>Modèle - HW0009</p> <p>Scanner de codes-barres 2D à imagerie de zone avec écran et sortie de chargement</p> <p>Manuel d'utilisation</p> <p>Ver.01.1.02</p> <p>Manuel d'utilisation mis à jour et multilingue disponible en ligne: <a href="http://www.tera-digital.com">http://www.tera-digital.com</a></p>	<p><b><a href="#">Manuel d'utilisation Scanner de Codes-barres 2D Tera HW0009</a></b></p> <p>Ce manuel d'utilisation fournit des instructions détaillées pour le scanner de codes-barres 2D Tera HW0009, couvrant la charge, la connexion, la configuration et les modes de fonctionnement.</p>
<p>TR-U007-FR</p> <p><b>Tera</b></p> <p>Modèle.:D5100</p> <p>2D Lecteur de Codes à Barres</p> <p>Manuel en Français</p> <p>Ver.02.1.05</p>	<p><b><a href="#">Manuel de l'Utilisateur Tera D5100 : Lecteur de Codes à Barres 2D</a></b></p> <p>Ce manuel utilisateur fournit des instructions détaillées pour le lecteur de codes à barres 2D Tera D5100, couvrant la configuration, les modes de fonctionnement et les paramètres.</p>

	<p><a href="#">Eyoyo EY-039 QA: Frequently Asked Questions and Setup Guide</a></p> <p>This document provides answers to frequently asked questions and setup instructions for the Eyoyo EY-039 2D Bluetooth Barcode Scanner. It covers pairing, compatibility, configuration options, and troubleshooting.</p>
	<p><a href="#">Rabbitpos AI Smart Voice Scanner User Manual   Features &amp; Specs</a></p> <p>Comprehensive user manual for the Rabbitpos AI Smart Voice Scanner. Discover its advanced 1D/2D barcode scanning, 2.4g wireless connectivity, inventory mode, voice prompts, and technical specifications for POS systems.</p>
 <p><b>Tera</b> Model No.: D5100 Wireless 2D Barcode Scanner User Manual Ver.02.1.05</p>	<p><a href="#">Tera D5100 Wireless 2D Barcode Scanner User Manual</a></p> <p>Comprehensive user manual for the Tera D5100 Wireless 2D Barcode Scanner, detailing setup, operation modes, configuration, and support resources.</p>