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› NYEAR Mini Wireless Barcode Scanner NT1000-2D User Manual

NYEAR NT1000-2D

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Model: NT1000-2D

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your NYEAR Mini Wireless Barcode Scanner NT1000-2D. This device is designed for efficient scanning of both 1D and 2D barcodes from various surfaces, including paper and digital screens, offering both wireless Bluetooth 4.0 and wired USB connectivity.

2. PACKAGE CONTENTS

Please check the package for the following items:

- NYEAR Mini Wireless Barcode Scanner NT1000-2D
- USB Cable (Type-C)
- Bluetooth Dongle (USB)
- Quick Start Guide / User Manual



Image: Contents of the NT1000-2D package, showing the scanner, USB cable, Bluetooth adapter, and documentation.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your barcode scanner.



Image: Detailed view of the scanner highlighting the Type-C charging/data port, the red light scanning head, and the voice prompt speaker on the back.

- **Scanning Head:** Emits a red light for scanning barcodes.
- **Scan Button:** Initiates the scanning process. The device features multiple buttons for casual scanning.
- **Type-C Interface:** Used for charging and wired USB connection.
- **Voice Prompt:** Provides audio feedback for operations like Bluetooth connection status and successful scans.

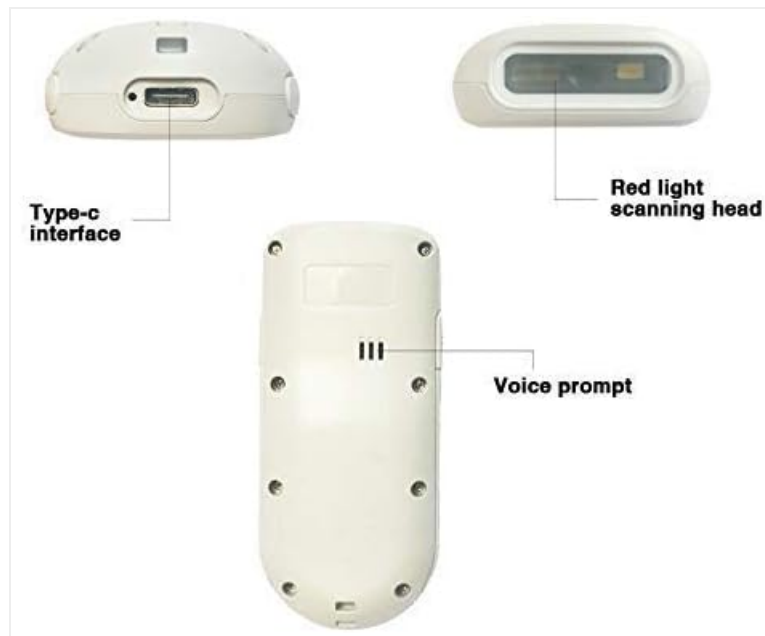


Image: Views of the scanner from the front and sides, illustrating the placement of the main scan button and additional side buttons for flexible scanning.

4. SETUP

4.1 Charging the Scanner

Before first use, fully charge the scanner. Connect the provided USB Type-C cable to the scanner's Type-C interface and the other end to a USB power adapter or a computer's USB port. The charging indicator will show the charging status.

4.2 Connecting via Bluetooth

The scanner supports Bluetooth 4.0 for wireless connection to smartphones, tablets, and PCs.

1. Turn on the scanner.
2. Enable Bluetooth on your host device (smartphone, tablet, or PC).
3. Search for available Bluetooth devices. The scanner should appear as "NYEAR NT1000-2D" or similar.
4. Select the scanner to pair. A voice prompt will confirm successful connection.



Image: The NT1000-2D scanner shown with its accompanying USB Bluetooth dongle, used for wireless connection to computers without built-in Bluetooth.

4.3 Connecting via Wired USB

For a wired connection, use the provided USB Type-C cable.

1. Connect the Type-C end of the cable to the scanner.
2. Connect the standard USB end to your computer's USB port.
3. The scanner will be recognized as a HID keyboard device, and no driver installation is typically required.

4.4 Sound and Vibration Settings

You can enable or disable sound and vibration feedback by scanning specific setup barcodes found in the

quick start guide or on the manufacturer's website.

POWERFUL DECODING ABILITY



Support barcode type: Codabar, CODE11, CODE 39, CODE 93, UPC/EAN, CODE 128/EAN 128, Interleaved 2 of 5 , Matrix 2 of 5 , MSI, Standard 2 of 5,QR Code,PDF 417, Data Matrix, etc.

Image: Visual guide demonstrating the process of turning sound and vibration feedback on or off by scanning a dedicated configuration barcode.

5. OPERATING INSTRUCTIONS

5.1 Scanning Barcodes

To scan a barcode, point the scanner's red light at the barcode and press the scan button. Ensure the red line covers the entire barcode for optimal reading. The scanner supports various 1D and 2D barcode types, including those that are reflective, damaged, or twisted.

Product size comparison chart



Low power consumption BLE4.0, CMOS

Image: Illustration of the scanner's capability to decode a wide range of barcode types, including QR codes, 1D barcodes, and even partially obscured or damaged codes.

Supported Barcode Types:

- **1D:** Codabar, CODE11, CODE 39, CODE 93, UPC/EAN, CODE 128/EAN 128, Interleaved 2 of 5, Matrix 2 of 5, MSI, Standard 2 of 5, etc.
- **2D:** QR Code, PDF 417, Data Matrix, etc.

5.2 Upload Modes

The scanner offers two data upload modes:

- **Instant Upload Mode:** Scanned data is immediately transmitted to the connected device.
- **Storage Mode:** Scanned data is stored in the scanner's internal memory (16MB, capable of storing up to 1,000,000 QR codes offline) and can be uploaded later.

5.3 Advanced Configuration

The scanner supports advanced configurations through scanning specific setup barcodes or using the NYEARAssist app (if available). These features include:

- Adding prefixes or suffixes to scanned data.
- Adding keyboard keys or combinations.
- Enabling or disabling specific barcode types.
- Changing the case of scanned characters (capital/lowercase).

6. MAINTENANCE

6.1 Cleaning

To maintain optimal performance, keep the scanning window clean. Use a soft, lint-free cloth, slightly dampened with water or a mild cleaning solution. Avoid abrasive cleaners or solvents that could damage the device.

6.2 Battery Care

The scanner is equipped with a 1500mAh rechargeable battery. For best battery life:

- Charge the battery fully before first use.
- Avoid extreme temperatures.
- If storing the scanner for an extended period, charge it to about 50% and recharge every few months.

A full charge provides approximately 20 hours of continuous scanning and up to 800 hours of standby time.

7. TROUBLESHOOTING

7.1 Scanner Not Connecting

- **Bluetooth:** Ensure the scanner is powered on and in pairing mode. Check that Bluetooth is enabled on your host device and that the scanner is selected from the list of available devices. If using a PC without built-in Bluetooth, ensure the provided Bluetooth dongle is correctly installed.
- **Wired:** Verify the USB cable is securely connected to both the scanner and the computer. Try a different USB port or cable.

7.2 Barcodes Not Scanning

- Ensure the scanner's red light fully covers the barcode.
- Check if the barcode type is supported by the scanner (refer to Section 5.1).
- Clean the scanning window if it is dirty or smudged.
- Adjust the distance between the scanner and the barcode.
- Ensure the barcode is not severely damaged or poorly printed.

7.3 No Sound or Vibration Feedback

Refer to Section 4.4 to ensure sound and vibration feedback are enabled by scanning the appropriate setup barcodes.

8. SPECIFICATIONS

Feature	Detail
Model Number	NT1000-2D
Connectivity	Bluetooth 4.0, USB Cable (Wired)
Compatible Devices	Desktop, Laptop, Smartphone, Tablet (Android, iOS, Linux, Windows)
Barcode Types (1D)	Codabar, CODE11, CODE 39, CODE 93, UPC/EAN, CODE 128/EAN 128, Interleaved 2 of 5, Matrix 2 of 5, MSI, Standard 2 of 5, etc.
Barcode Types (2D)	QR Code, PDF 417, Data Matrix, etc.
Battery	1500mAh Rechargeable Battery
Continuous Scanning Time	Approx. 20 hours
Standby Time	Approx. 800 hours
Memory	16MB (stores up to 1,000,000 QR codes offline)
Durability	Quakeproof, water splash-proof, dustproof, anti-knock design, EMI shielding



Image: Size comparison of the NT1000-2D scanner (10.8cm x 13.8cm) against an iPhone 6s, illustrating its compact form factor.

9. WARRANTY AND SUPPORT

The NYEAR Mini Wireless Barcode Scanner NT1000-2D comes with a 1-year warranty. For technical support, warranty claims, or any questions regarding the product, please contact NYEAR customer service. If you encounter issues with Bluetooth connection, you may email the manufacturer for assistance.

