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› NetumScan 1D Bluetooth Barcode Scanner (Model B0974FHZ11) - Instruction Manual

## NetumScan B0974FHZ11

# NetumScan 1D Bluetooth Barcode Scanner

Model: B0974FHZ11

Brand: NetumScan

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## 1. INTRODUCTION

Thank you for choosing the NetumScan 1D Bluetooth Barcode Scanner. This device is designed for efficient and accurate barcode scanning across various applications, including retail, logistics, and inventory management. It offers versatile connectivity options and robust performance to streamline your operations.



Figure 1: NetumScan 1D Bluetooth Barcode Scanner

## 2. PRODUCT OVERVIEW

The NetumScan 1D Barcode Scanner features a high-sensitivity CCD sensor for fast and accurate reading of 1D barcodes. Its 32-bit CPU super decoding function allows for speeds up to 350 scans per second. The scanner is capable of reading various 1D barcode types from both paper and digital screens, including CODE128 and UPC/EAN Add-on 2 or 5. It is also designed to read challenging barcodes that are distorted, wrinkled, dirty, damaged, blurred, or reflective.

Constructed from durable ABS + PC material with a silicone protective cover, the scanner boasts a professional anti-shock design, capable of withstanding drops from up to 6.57 feet (2 meters). Its IP54 rating ensures protection against dust and moisture, making it suitable for demanding environments.



Figure 2: Applications in Logistics, Medical, and Retail

### 3. SETUP AND CONNECTIVITY

The NetumScan barcode scanner offers three primary connection methods: Bluetooth, 2.4GHz Wireless, and USB Wired. No special drivers are required for installation.

#### 3.1. Connection Methods

## 3 Connection Ways



Figure 3: Available Connection Methods

### 3.1.1. USB Wired Connection

1. Connect the scanner to your computer using the provided USB cable.
2. The scanner will be recognized automatically by your operating system (Windows, Mac OS).
3. Open a text editor or application where you want the scanned data to appear.
4. Scan a barcode. The data will be input directly.

### 3.1.2. 2.4GHz Wireless Connection

1. Plug the 2.4GHz wireless adapter into a USB port on your computer.
2. The scanner will automatically pair with the adapter.
3. Open a text editor or application and scan a barcode. The data will be transmitted wirelessly.

### 3.1.3. Bluetooth Connection

1. Ensure Bluetooth is enabled on your host device (smartphone, tablet, computer).
2. On your host device, search for available Bluetooth devices.
3. Select "NT CCD barcode scanner" from the list to pair.

4. Once connected, open an application and scan a barcode.

The scanner features a large 2000mAh built-in battery, offering a standby time of up to 60 days. It can also scan barcodes while charging via the USB cable.

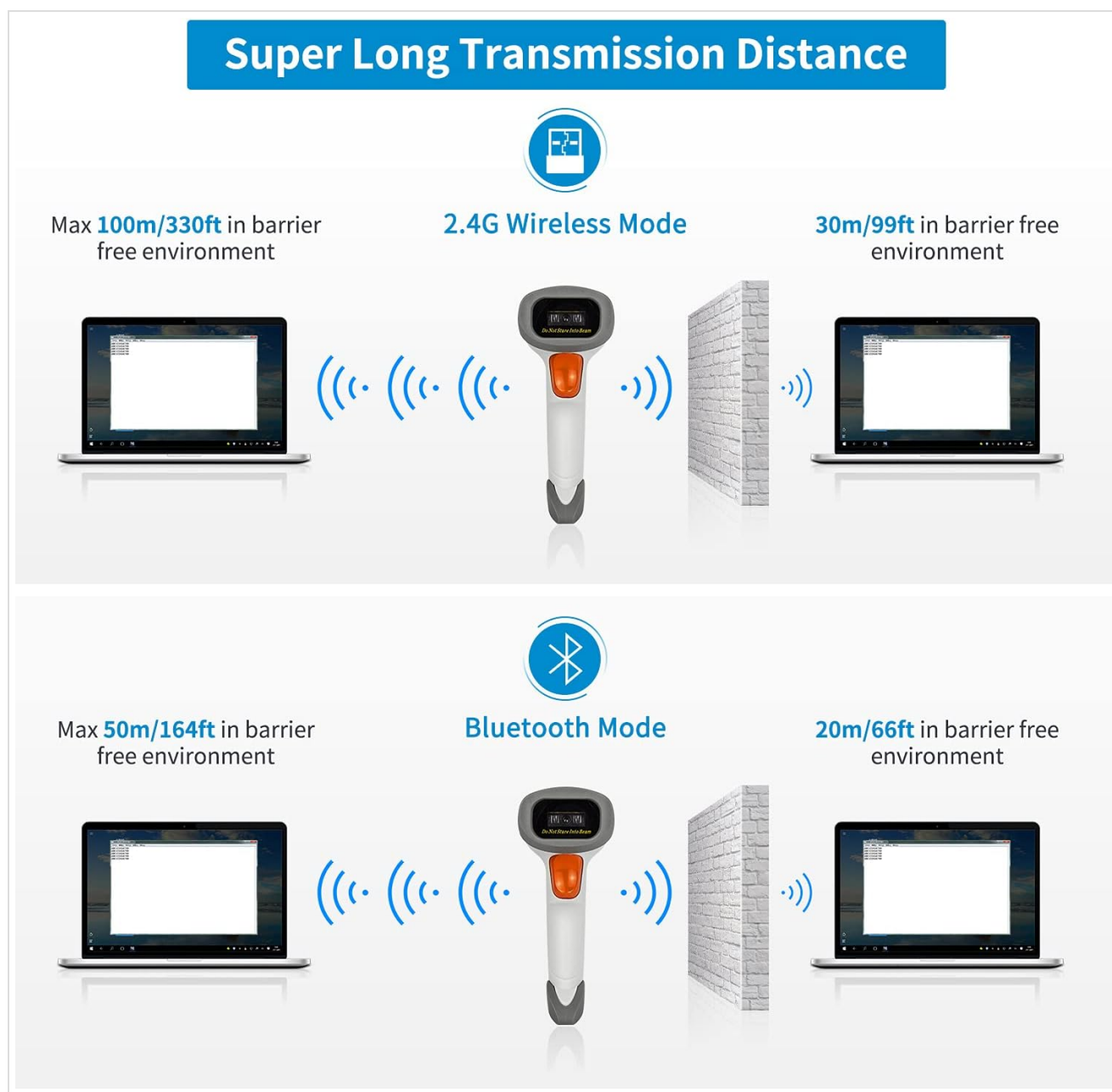


Figure 4: Wireless Transmission Distances

- **2.4G Wireless Mode:** Max 100m (330ft) in barrier-free environment; 30m (99ft) with barrier.
- **Bluetooth Mode:** Max 50m (164ft) in barrier-free environment; 20m (66ft) with barrier.

## 4. OPERATING MODES

The scanner supports multiple operating and upload modes to suit various workflows.

### 4.1. Scanning Modes

## Three Scanning Modes

- ① Key Trigger Mode    ② Continuous Scan Mode    ③ Auto-induction mode



Figure 5: Scanning Modes

- **Key Trigger Mode:** Press the trigger button to scan each barcode.
- **Continuous Scan Mode:** The scanner continuously emits a scan line, reading barcodes as they pass through the beam.
- **Auto-induction Mode:** The scanner automatically detects and scans barcodes when they are presented within its reading range. If this function is inactive, please refer to the troubleshooting section or contact support.

### 4.2. Upload Modes



Figure 6: Upload Modes

- **Instant Upload Mode:** Scanned barcode data is immediately transmitted to the connected device.
- **Storage Mode:** Barcode data is stored in the scanner's internal memory. Data can be uploaded to the connected device later when within wireless transmission range.

## 5. ADVANCED FEATURES

The NetumScan scanner includes features for customizing barcode data output.

### 5.1. Data Editing



Figure 7: Barcode Data Customization

- **Prefix/Suffix:** You can add a prefix or suffix of up to 32 characters to the scanned barcode data.
- **Partial Hiding:** The scanner allows for hiding specific parts of the barcode data during transmission.

For detailed instructions on configuring these special functions or for custom requirements, please refer to the comprehensive product documentation or contact NetumScan support.

### 5.2. Barcode Reading Capability

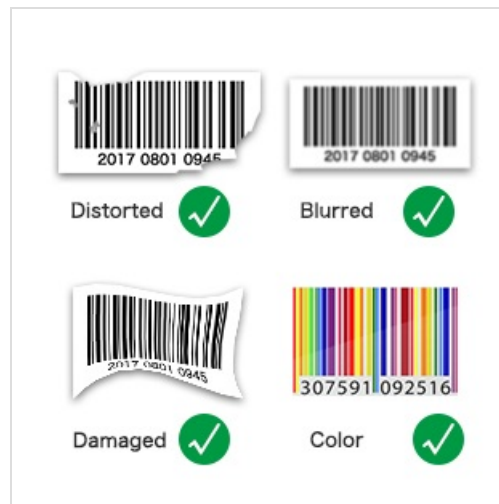


Figure 8: Versatile Barcode Reading

The advanced CCD sensor ensures reliable scanning even for barcodes that are:

- Distorted
- Blurred
- Damaged
- Color-printed

## 6. OPERATING THE SCANNER

This video demonstrates the basic operation and connectivity of the NetumScan barcode scanner, including wired and wireless scanning from various surfaces.

Video 1: NetumScan Barcode Scanner Demonstration

The video illustrates how to connect the scanner via USB and 2.4G wireless, and how to scan barcodes from physical labels and digital screens. It also shows the Bluetooth pairing process with a smartphone and subsequent scanning.

## 7. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the scanner's exterior. For the scanning window, use a lint-free cloth and a mild cleaning solution if necessary. Avoid abrasive materials or harsh chemicals.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For prolonged storage, ensure the battery is partially charged (around 50%). Avoid fully discharging the battery for extended periods.
- **Physical Protection:** The scanner is designed with an IP54 rating and anti-shock features. However, avoid unnecessary drops or impacts to prevent damage.

## 8. TROUBLESHOOTING

If you encounter issues with your NetumScan barcode scanner, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem                                            | Possible Cause                                                                      | Solution                                                                                                                                                                                                                     |
|----------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Scanner not connecting via Bluetooth/2.4G Wireless | Not paired, out of range, host device Bluetooth off, adapter not properly inserted. | Ensure host device Bluetooth is on. Re-pair the scanner. Check adapter connection. Move closer to the host device.                                                                                                           |
| No data output after scanning                      | Not connected, incorrect application focus, barcode unreadable.                     | Verify connection status. Ensure the cursor is in the desired input field. Try scanning a different, known-good barcode.                                                                                                     |
| Scanner not charging                               | Faulty cable, power source issue, damaged charging port.                            | Try a different USB cable and power source. Inspect the charging port for damage.                                                                                                                                            |
| Auto-induction mode not working                    | Mode is inactive or needs re-calibration.                                           | Refer to the full user manual for specific barcode commands to activate or re-calibrate auto-induction mode. Contact support if the issue persists.                                                                          |
| Cannot read specific barcodes                      | Barcode type not enabled, damaged barcode, or special format.                       | Ensure the barcode type is enabled in the scanner's settings (refer to full manual). Try scanning the barcode from a different angle or distance. For special unreadable barcodes, contact NetumScan support for activation. |

For further assistance, please contact NetumScan customer support.

## 9. SPECIFICATIONS

| Feature                    | Detail                                                 |
|----------------------------|--------------------------------------------------------|
| Model                      | B0974FHZ11                                             |
| Brand                      | NetumScan                                              |
| Connectivity               | Bluetooth, 2.4GHz Wireless, USB Cable                  |
| Scanner Type               | 1D CCD Barcode Reader                                  |
| Decoding Speed             | Up to 350 scans/second                                 |
| Battery                    | 2000mAh Lithium Polymer (included)                     |
| Standby Time               | Up to 60 days                                          |
| Wireless Range (2.4G)      | Max 100m (330ft) barrier-free; 30m (99ft) with barrier |
| Wireless Range (Bluetooth) | Max 50m (164ft) barrier-free; 20m (66ft) with barrier  |
| Durability                 | IP54, 2m (6.57ft) drop resistance                      |
| Dimensions                 | 18.69 x 10.79 x 8.41 cm                                |
| Weight                     | 290 g                                                  |
| Compatibility              | Windows XP/7/8/10, Mac OS, iOS, Android                |

## 10. WARRANTY & SUPPORT

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NetumScan products are designed for reliability and performance. For warranty information and technical support, please refer to the official NetumScan website or contact your retailer.

If you have specific needs for product customization or encounter any issues not covered in this manual, please reach out to our customer service team for assistance. We are committed to providing solutions for special barcode requirements and ensuring your satisfaction.