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› NETUM NT-1228BL 2D Barcode Scanner User Manual

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Model: NT-1228BL

PRODUCT OVERVIEW

The NETUM NT-1228BL is a versatile 2D barcode scanner designed for efficient data capture. It supports multiple connection methods and is compatible with a wide range of devices and operating systems. This manual provides detailed instructions for setup, operation, and maintenance.



Image: The NETUM NT-1228BL barcode scanner with its adjustable stand, USB charging cable, and 2.4G wireless dongle.

Key Features

- **Excellent Decoding Ability:** Reads 1D, 2D, and QR codes from both paper and digital screens (phones, laptops, PCs).
- **Versatile Connectivity:** Supports Bluetooth, 2.4G Wireless, and USB Wired connections.
- **Wide Compatibility:** Works with Windows XP/7/8/10, Mac OS, Windows Mobile, Android OS, and iOS devices.
- **Dual Upload Modes:** Features Instant Upload for real-time data transfer and Storage Mode for offline data collection (up to 130,000 barcodes).
- **Long Battery Life:** Built-in 1800mAh battery provides up to 9 hours of continuous scanning and 2 months of standby time.

PACKAGE CONTENTS

Verify that all items are present in your package:

- NETUM NT-1228BL 2D Barcode Scanner
- Adjustable Barcode Scanner Stand
- USB Charging Cable
- 2.4G Wireless USB Dongle
- User Manual (this document)

SETUP

Charging the Scanner

Before first use, fully charge the scanner. Connect the USB charging cable to the scanner's charging port and the other end to a USB power adapter (not included) or a computer's USB port. The charging indicator light will show the charging status.

Connecting the Scanner

The NT-1228BL offers three connection methods:

1. USB Wired Connection

Connect the USB cable directly from the scanner to your computer's USB port. The scanner will be recognized as a HID keyboard device and is ready for use without driver installation.

Versatile 3-IN-1 Connection

Suitable for multiple scenarios



- Compatible with Blue tooth



- 2.4G Wireless Connection



- USB Wired Connection

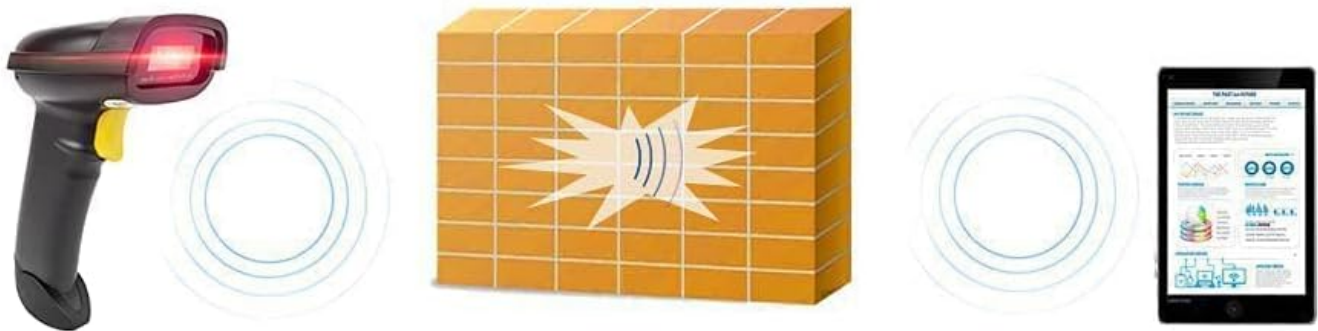


Image: Visual representation of the three connection types: Bluetooth, 2.4G Wireless, and USB Wired.

2. 2.4G Wireless Connection

1. Insert the 2.4G wireless USB dongle into an available USB port on your computer.
2. Turn on the scanner. It will automatically pair with the dongle. A successful connection is indicated by a specific sound or light pattern (refer to scanner's LED indicators section).

Long Transmission Range



Compatible with Blue tooth Function

10 m/ 33 ft under obstacles environment
Max 50m /164ft in barrier free environment



Connected via 2.4GHz Wireless

30m/ 99 ft under in obstacles environment
Max 100m /330ft in barrier free environment

Image: Illustration of the effective transmission ranges for Bluetooth (10m/33ft) and 2.4G Wireless (30m/99ft) connections, indicating performance under obstacles and in barrier-free environments.

3. Bluetooth Connection

To connect via Bluetooth to a smartphone, tablet, or computer:

1. Turn on the scanner.
2. Scan the "Bluetooth Pairing" barcode (usually found in a separate quick start guide or on the scanner itself). This puts the scanner into pairing mode.
3. On your device (phone, tablet, PC), go to Bluetooth settings and search for available devices.
4. Select "NETUM NT-1228BL" (or similar name) from the list to pair.
5. Once paired, the scanner will emit a confirmation sound.

Multi-Compatible System

Work with PC, Smartphone, Tablet, POS, Computer
Compatible with Window XP/7/8/10, Mac OS, iOS, Android



Mac OS / IOS



Android



Win XP/7/8/10



Image: The scanner is compatible with various operating systems including Mac OS/iOS, Android, and Windows XP/7/8/10, demonstrating its broad device support.

Assembling the Stand

The adjustable stand allows for hands-free scanning. Attach the flexible gooseneck arm to the base, then secure the scanner holder to the top of the gooseneck. Place the scanner into the holder for stable positioning.



Image: The adjustable stand component, designed to hold the barcode scanner for hands-free operation.

OPERATING INSTRUCTIONS

Basic Scanning

Point the scanner's window at the barcode you wish to scan. Press the trigger button. A red scanning beam will appear. Ensure the beam crosses the entire barcode for a successful read. A successful scan is typically indicated by a beep and/or a green light.



Image: A close-up view of the NETUM barcode scanner, showing the active red scanning beam and the warning "Do Not Stare Into Beam".

Supported Barcode Types

The NT-1228BL can decode a wide range of 1D and 2D barcodes, including:

- **1D Barcodes:** UPC/EAN, Code 128, Code 39, Code 93, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar, MSI, etc.
- **2D Barcodes:** QR Code, Data Matrix, PDF417, MicroPDF417, Maxicode, Aztec, etc.

Excellent Decoding Ability

Use CMOS sensor, the scanner can read most 1D/2D/QR codes both on the screen and paper.



Image: Various barcode examples including 1D, PDF417, EAN-13, QR, Maxicode, and Data Matrix, illustrating the scanner's excellent decoding ability from both paper and digital screens.

Upload Modes

The scanner supports two primary data upload modes:

1. Instant Upload Mode

In this mode, scanned barcodes are immediately transmitted to the connected device. This is the default mode and is suitable for real-time data entry.

2. Storage Mode (Offline Mode)

When out of range or not connected, the scanner can store up to 130,000 barcodes in its internal memory. To upload stored data, reconnect the scanner to your device and scan the "Upload Data" barcode (refer to the programming guide for specific barcodes). The stored data will then be transmitted.

Two Upload Modes

Built-in Flash Memory, supports 2 upload modes.

1. Instant Upload Mode



Synchronously upload barcodes to your computer.

2. Storage Mode



Store up 2000 barcodes and you can upload it whenever you need it.

Image: A visual guide demonstrating the two data upload modes: Instant Upload, where barcodes are synchronously sent to the computer, and Storage Mode, where barcodes are saved internally for later upload.

MAINTENANCE

Cleaning

To maintain optimal performance, keep the scanner's window clean. Use a soft, lint-free cloth lightly dampened with water or a mild, non-abrasive cleaning solution. Do not use harsh chemicals or abrasive materials, as they can damage the scanning window.

Storage

When not in use for extended periods, store the scanner in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the battery is partially charged before long-term storage to preserve battery health.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Scanner not connecting.	Incorrect connection mode, low battery, out of range, driver issue (for wired).	Ensure the correct connection mode (wired, 2.4G, Bluetooth) is selected. Charge the scanner fully. Move closer to the receiver/device. For wired, try a different USB port or computer. For Bluetooth, re-pair the device.
Scanner not reading barcodes.	Barcode damaged, poor lighting, incorrect angle, scanning window dirty, barcode type not enabled.	Ensure barcode is clear and undamaged. Adjust lighting conditions. Hold scanner at an optimal angle and distance. Clean the scanning window. Refer to the programming guide to enable specific barcode types if necessary.
Scanned data not appearing on screen.	Application not in focus, scanner in storage mode, connection lost.	Ensure the cursor is in the desired input field of your application. If in storage mode, scan the "Upload Data" barcode. Verify connection status.

SPECIFICATIONS

Feature	Detail
Model	NT-1228BL
Connectivity	Bluetooth, 2.4G Wireless, USB Wired
Compatible Devices	Laptop, Desktop, Tablet, Smartphone, POS systems
Compatible OS	Windows XP/7/8/10, Mac OS, Windows Mobile, Android OS, iOS
Decoding Capability	1D (UPC/EAN, Code 128, etc.), 2D (QR Code, Data Matrix, PDF417, etc.)
Battery	1800mAh (approx. 9 hours continuous scanning, 2 months standby)
Scanning Speed	Up to 1500 scans/second
Storage Capacity	Up to 130,000 barcodes (in Storage Mode)

WARRANTY AND SUPPORT

Warranty Information

The NETUM NT-1228BL barcode scanner comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact NETUM customer support. Contact information can typically be found on the manufacturer's official website or on the product packaging.

When contacting support, please provide your product model (NT-1228BL) and a detailed description of the issue.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question