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NetumScan L3S-USB

NetumScan Handheld USB 1D Barcode Scanner User Manual

Model: L3S-USB | Brand: NetumScan

1. Introduction

This manual provides comprehensive instructions for the NetumScan L3S-USB Handheld USB 1D Barcode Scanner. Please read this manual carefully before operation to ensure proper use and optimal performance.

Key Features:

- **CCD Image Scanning Technology:** Equipped with an advanced CCD sensor for quick and accurate capture of 1D codes from both paper and digital screens. Capable of reading deformed, smudged, damaged, fuzzy, or reflective barcodes.
- **Durable Design:** Ergonomically designed with high-quality ABS material, capable of withstanding repeated drops from 2 meters onto concrete, ensuring long service life.
- **Supported 1D Barcodes:** Compatible with UPC-A, UPC-E, EAN-8, EAN-13, ISSN, ISBN, Code 128, GS1-128, Code39, Code93, Code32, Code11, UCC/EAN128, Interleaved 2 of 5, Industrial 2 of 5, Codabar(NW-7), MSI, Plessey, RSS, China Post, and more.
- **Wide Application Range:** Suitable for use in supermarkets, convenience stores, warehouses, libraries, bookstores, drugstores, retail shops for file management, inventory tracking, and Point-of-Sale (POS) systems.
- **Plug and Play:** Simple installation via any USB port, compatible with Mac, Windows (10, 7, 8.1), iOS 7, Linux, etc. Works seamlessly with common software like Word, Excel, and Novell.



Figure 1: NetumScan L3S-USB Handheld USB 1D Barcode Scanner with its flexible stand.

2. Setup and Installation

The NetumScan L3S-USB barcode scanner is designed for easy plug-and-play setup, requiring no additional drivers for most operating systems.

2.1 Connecting the Scanner

1. Locate an available USB port on your computer (Laptop, Desktop).
2. Plug the USB cable from the scanner into the USB port.

3. The scanner will automatically install necessary drivers (if any) and be ready for use. A successful connection is usually indicated by a short beep from the scanner.



Figure 2: The NetumScan L3S-USB scanner is compatible with various devices and operating systems including Windows, Linux, and Mac OS, offering simple USB plug-and-play functionality.

2.2 Initial Test

To verify the scanner is working correctly:

1. Open a text editor (e.g., Notepad, Word, Excel) or any application where you want to input scanned data.
2. Place your cursor in the desired input field.
3. Scan a 1D barcode. The data from the barcode should appear in the text editor.

2.3 Video Guide: Automatic 1D Barcode Reader

Watch this official video for a visual guide on the scanner's automatic reading capabilities and setup.

Your browser does not support the video tag.

Video 1: Demonstrates the automatic 1D barcode reading functionality of the NetumScan scanner, showcasing its ease of use and

efficiency.

3. Operating the Scanner

The NetumScan L3S-USB offers versatile scanning modes to suit various operational needs.

3.1 Scanning Modes

The scanner supports different modes for optimal performance:

- **Manual Trigger Mode:** Press the trigger button to activate the scan beam and read a barcode. This is the default mode.
- **Continuous Scanning Mode:** The scan beam remains continuously active, allowing for rapid scanning without repeatedly pressing the trigger. This mode is ideal for high-volume scanning.
- **Auto-sensing Scanning Mode:** The scanner automatically detects a barcode placed within its scanning range and activates the beam to read it. This mode is particularly useful when using the scanner with its stand for hands-free operation.

Refer to the included quick setup guide or the full programming manual for instructions on how to switch between these scanning modes by scanning specific configuration barcodes.



Figure 3: The scanner's superior decoding ability allows it to quickly and accurately read various 1D barcodes, including those on screens, ensuring fast scanning speed and high accuracy.

3.2 Hands-Free Operation with Stand

The included stand allows for convenient hands-free scanning, especially useful in retail or inventory environments. The scanner can be adjusted to multiple angles to optimize scanning efficiency.



Figure 4: The scanner's stand enables 360-degree hands-free automatic scanning, providing flexibility and convenience for various scanning tasks.

3.3 Scanning Best Practices

- **Optimal Distance:** Hold the scanner at an appropriate distance from the barcode (typically 2-10 cm) to ensure the beam covers the entire barcode.
- **Angle:** Scan the barcode at a slight angle to minimize glare, especially on reflective surfaces or screens.
- **Lighting:** Ensure adequate lighting, but avoid direct strong light that might cause excessive glare.



Figure 5: The handheld design allows for easy scanning of various items, such as products in a retail environment.



Figure 6: The scanner is versatile for use in various settings, including scanning packages for inventory management in a warehouse.

4. Maintenance

Proper maintenance ensures the longevity and optimal performance of your NetumScan barcode scanner.

4.1 Cleaning the Scanner

- **Lens Cleaning:** Use a soft, lint-free cloth (e.g., microfiber cloth) slightly dampened with water or a mild, non-abrasive cleaner to gently wipe the scanning window. Avoid harsh chemicals or abrasive materials that could scratch the lens.
- **Body Cleaning:** Wipe the body of the scanner with a soft, dry cloth. If necessary, a slightly damp cloth can be used, but ensure no liquid enters the internal components.

- **Avoid:** Do not use alcohol, benzene, thinner, or other corrosive chemicals, as these can damage the scanner's casing and internal components.

4.2 Storage

When not in use, store the scanner in a clean, dry environment away from direct sunlight, extreme temperatures, and excessive dust.

5. Troubleshooting

If you encounter issues with your NetumScan L3S-USB barcode scanner, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Scanner does not power on or respond.	USB cable not properly connected or damaged.	Ensure the USB cable is securely plugged into both the scanner and the computer. Try a different USB port or cable if available.
Scanner reads some barcodes but not others.	Barcode type not enabled; barcode damaged or poorly printed; incorrect scanning distance/angle.	Check the programming manual to ensure the specific barcode symbology is enabled. Try scanning a known good barcode. Adjust scanning distance and angle. Ensure the barcode is not excessively damaged.
Scanned data appears incorrectly or not at all.	Incorrect keyboard language setting; application focus issue.	Ensure your computer's keyboard language matches the scanner's output setting (usually US English). Click into the desired input field in your application before scanning.
Scanner beeps but no data is transmitted.	Data format issue; interface problem.	Verify the scanner's interface mode is correctly set (e.g., HID Keyboard Emulation). Consult the programming manual for advanced settings.

If the problem persists after trying these solutions, please contact NetumScan customer support for further assistance.

6. Specifications

Attribute	Detail
Model Number	L3S-USB
Brand	NetumScan
Connectivity Technology	USB Cable

Attribute	Detail
Power Source	Corded Electric
Compatible Devices	Laptop, Desktop, Smartphone (for screen scanning)
Item Weight	1.17 pounds
Package Dimensions	8.27 x 5.63 x 4.37 inches
Manufacturer	NetumScan
Country of Origin	China
UPC	760354550902

7. Warranty and Support

NetumScan products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official NetumScan website.

For technical support, troubleshooting assistance, or any inquiries regarding your NetumScan L3S-USB barcode scanner, please contact NetumScan customer service through their official channels. You can also visit the NetumScan Store on Amazon for additional resources and contact information.

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