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› NetumScan NSL8S Wireless 2D Barcode Scanner with Stand User Manual

NetumScan NSI8-X

NetumScan NSL8S Wireless 2D Barcode Scanner with Stand User Manual

Model: NSI8-X | Brand: NetumScan

1. INTRODUCTION AND OVERVIEW

The NetumScan NSL8S is a versatile wireless 2D barcode scanner designed for efficient data capture in various environments. It supports both 1D and 2D barcodes, including PDF417, QR Code, and Data Matrix. Featuring 2.4G wireless communication, it offers a working range of 50-100 meters, providing flexibility and mobility. The scanner also includes a hands-free adjustable stand for convenient use in settings such as warehouses, supermarkets, and libraries. Its robust design ensures compatibility with Windows, Mac, and Linux operating systems.



Figure 1: NetumScan NSL8S Wireless 2D Barcode Scanner with Stand.

2. SETUP INSTRUCTIONS

2.1 Package Contents

- NetumScan NSL8S Wireless 2D Barcode Scanner
- Adjustable Stand
- 2.4G Wireless USB Dongle
- USB Charging Cable

- User Manual (this document)

2.2 Assembling the Stand

The adjustable stand allows for hands-free operation. To assemble:

1. Insert the flexible gooseneck arm into the base of the stand.
2. Attach the scanner cradle to the top of the gooseneck arm.
3. Place the scanner securely into the cradle. Adjust the gooseneck to your desired angle for optimal scanning.



Figure 2: Stand assembly and dimensions.

2.3 Connecting the Scanner

The NSL8S scanner offers both 2.4G wireless and USB wired connection options.

- **Wireless Connection:** Plug the 2.4G USB dongle into an available USB port on your computer (PC or laptop). The scanner will automatically connect. No additional software installation is required for most operating systems.

- **Wired Connection:** Connect the scanner directly to your computer using the provided USB cable. This will also charge the scanner.



Figure 3: Connection options for the scanner.

2.4 Charging the Battery

The scanner is equipped with a rechargeable lithium-ion battery. Connect the scanner to a USB power source using the provided USB cable. The charging indicator light will show the charging status. A full charge provides extended operation time.

NSL8S with Stand 2.4G Wireless 2D Scanner



Figure 4: Battery capacity and anti-shock design.

3. OPERATING INSTRUCTIONS

3.1 Scanning Modes

The NSL8S offers three primary scanning modes:

- **Key Trigger Mode:** The scanning light activates only when the trigger button is pressed. This is ideal for precise, on-demand scanning.
- **Continuous Scan Mode:** The scanning light remains continuously active when the scanner is powered on, allowing for rapid, uninterrupted scanning without pressing the button for each item.
- **Auto-induction Mode:** The scanning light is off until a barcode is detected in front of the scanner. Once a barcode

is presented, the light automatically turns on to read it. This mode is efficient for hands-free operation with the stand.

Three Upload Modes

- **Key Trigger Mode**

Scanning light is only on when press the trigger.

- **Continuous Scan Mode**

Scanning light is always on when the scanner is electrified. Scanning barcode without pressing any button.

- **Auto-induction mode**

Scanning light is off until a barcode presented in front of the scanner. Once the barcode is detected, the scanning light will turn on automatically to read the barcode



Figure 5: Three available scanning modes.

3.2 Data Upload Modes

The scanner supports 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. This is useful when operating out of range of the receiver. Up to 10,000 barcodes can be stored. Data can be uploaded to the connected device later by scanning a specific 'Memory Data Upload' barcode (found in the full configuration manual).

3.3 Scanning Barcodes

The NSL8S can scan both 1D and 2D barcodes from various surfaces, including paper labels and digital screens (mobile phones, computer monitors). Hold the scanner approximately 5-15 cm from the barcode for optimal reading. Ensure the scanning beam covers the entire barcode.



Figure 6: Scanner in operation, reading a QR code.

3.4 Advanced Configuration

The scanner offers over 100 configuration options, allowing you to customize settings such as adding prefix and suffix codes, deleting start/end characters, and adding keyboard keys/combinations to scanning actions. Refer to the comprehensive configuration manual (available from NetumScan support) for detailed instructions on these advanced features.

3.5 Product Demonstration Video

Watch this video for a visual guide on the scanner's features and operation:

Your browser does not support the video tag.

Video 1: NetumScan NSL8S Barcode Scanner Features and Demonstration. This video showcases the scanner's design, scanning capabilities for various barcode types, different operating modes (manual, auto-sensing), and data storage/upload functions.

4. MAINTENANCE

4.1 Cleaning

To maintain optimal performance, keep the scanner's scanning window clean. Use a soft, lint-free cloth, slightly dampened with water or a mild cleaning solution. Avoid abrasive materials or harsh chemicals that could scratch the window or damage the device.

4.2 Battery Care

For extended battery life, avoid fully discharging the battery frequently. Charge the scanner regularly. If storing the scanner for a long period, ensure it has a partial charge (around 50%) and store it in a cool, dry place.

4.3 Durability

The NSL8S features an anti-shock silicone construction, designed to withstand drops from up to 1.5 meters (5 feet). While durable, handle the device with care to prevent unnecessary damage.

5. TROUBLESHOOTING

If you encounter issues with your NetumScan NSL8S scanner, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Scanner not connecting wirelessly	USB dongle not properly inserted or driver issue.	Ensure the USB dongle is fully inserted. Try a different USB port. Restart your computer.
Scanner not reading barcodes	Barcode damaged, blurred, or too small/large. Incorrect scanning angle. Scanner in wrong mode.	Ensure barcode is clear and undamaged. Adjust scanning distance and angle. Check if the scanner is in the correct operating mode (e.g., Auto-induction for stand use). Refer to the full configuration manual for specific barcode type settings.
No data transmitted to computer	Scanner in Storage Mode. Application not ready to receive input.	If in Storage Mode, scan the 'Memory Data Upload' barcode. Ensure your cursor is in a text field or application ready to receive input.
Battery not charging	Faulty cable or power source.	Try a different USB cable or power adapter. Ensure the cable is securely connected to both the scanner and the power source.

If these steps do not resolve the issue, please contact NetumScan customer support for further assistance.

6. SPECIFICATIONS

Below are the technical specifications for the NetumScan NSL8S Wireless 2D Barcode Scanner:

Feature	Detail
Model	NSI8-X

Feature	Detail
Brand	NetumScan
Connectivity Technology	2.4G Wireless, USB Wired
Compatible Devices	Laptop, Desktop Computer (Windows, Mac, Linux)
Scanning Speed	200 Scans per Second
Barcode Types Supported	1D (e.g., UPC, EAN, Code 128), 2D (PDF417, QR Code, Data Matrix)
Power Source	Battery Powered
Battery Type	1 Lithium-ion Battery (included)
Battery Capacity	1800mAh (approx. 100,000 continuous scans)
Durability	Anti-shock silicone, 1.5m (5ft) drop test passed
Item Number	NSI8-X
GTIN / UPC	649615769560

7. WARRANTY AND SUPPORT

7.1 Warranty Information

NetumScan products are covered by a manufacturer's warranty against defects in materials and workmanship. Please retain your proof of purchase for warranty claims. Specific warranty terms and duration may vary by region. For detailed warranty information, refer to the warranty card included with your product or visit the official NetumScan website.

7.2 Customer Support

For technical assistance, troubleshooting, or inquiries regarding your NetumScan NSL8S scanner, please contact NetumScan customer support. You can typically find contact information on the official NetumScan website or through the retailer where you purchased the product. When contacting support, please have your product model number (NSI8-X) and proof of purchase ready.

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