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> Onewscan USB Wired 1D Laser Barcode Scanner with Stand, Model NS-610L User Manual

onewscan NS-610L

Onewscan USB Wired 1D Laser Barcode Scanner with Stand

MODEL: NS-610L

Introduction

This manual provides instructions for the Onewscan USB Wired 1D Laser Barcode Scanner, Model NS-610L. This device is designed for efficient and accurate scanning of 1D barcodes in various environments such as retail, warehouses, and libraries. It features a plug-and-play setup, multiple scanning modes, and robust decoding capabilities for a wide range of 1D symbologies.

Package Contents

Verify that all items are present in the package:

- Onewscan USB Wired 1D Laser Barcode Scanner
- Adjustable Folding Stand
- USB Cable
- User Manual (this document)

PLUG AND PLAY

No software or drivers required



Image: The Onewscan USB Wired 1D Laser Barcode Scanner shown with its adjustable folding stand.

Setup

The Onewscan barcode scanner is designed for plug-and-play operation, requiring no driver or software installation.

1. Connect the USB cable from the barcode scanner to an available USB port on your computer or laptop.
2. The operating system will automatically detect and install the necessary device drivers.
3. Once the installation is complete, the scanner is ready for use.

It is compatible with Windows, Mac, Android, and Linux operating systems, and works with common software applications such as Quickbook, Word, Excel, and Novell.

ONEWSCAN

1D Wired Barcode Scanner

- Play and Plug, easy to set up
- High-Speed Transmission
- Lighter Weight Than Other Wired Scanners
- High Decoding Accuracy >5mil



Distortion



Damaged



Reflective



Colorful

Image: The barcode scanner connected to a laptop via its USB cable, highlighting its plug-and-play feature.

Operating Instructions

To scan a barcode, aim the scanner's laser beam at the barcode and press the trigger button (if in manual mode). The scanner will emit a beep (if enabled) and the indicator light will flash to confirm a successful scan. The decoded data will be transmitted to your connected device.

The scanner features a 32-bit CPU decoding capacity, allowing for fast and accurate reading at speeds up to 300 scans per second. Its advanced sensor can instantly capture 1D codes from various surfaces.

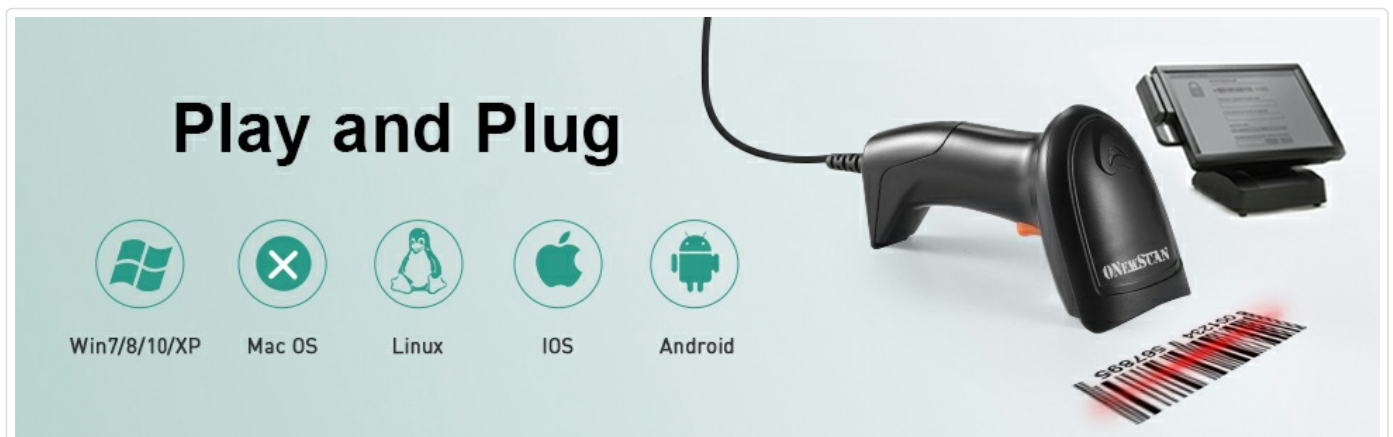


Image: The barcode scanner being used in a library, illustrating its fast and accurate scanning capability.

Scanning Modes

The scanner supports three distinct scanning modes to adapt to different operational needs:

- **Manual Trigger Mode:** Press the trigger button to activate the laser and scan a barcode. Release the button to deactivate.
- **Continuous Scan Mode:** The laser remains active, continuously scanning for barcodes without needing to press

the trigger. This mode is suitable for high-volume scanning.

- **Auto-sensing Scan Mode:** The scanner automatically detects a barcode within its field of view and activates the laser to scan it. This mode is ideal for hands-free operation when placed on the adjustable stand.

FAST & ACCURATE SCAN

Highly sensitive and accurate scanning head more flexibility, transfer data with speed and ease



HD | 1500PPI

500Times/SEC

Image: Illustrations of the three scanning modes: Manual Trigger, Continuous Scan, and Auto-sensing Scan, showing how the scanner is held or positioned for each.

Supported Barcode Symbologies

The Onewscan NS-610L scanner is compatible with a wide range of 1D barcode types, including:

- Code11, Code39, Code93, Code32, Code128
- Coda Bar, UPC-A, UPC-E, EAN-8, EAN-13
- JAN.EAN/UPC Add-on2/5
- MSI/Plessey, Telepen
- Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5

The scanner is capable of reading barcodes even if they are deformed, stained, damaged, fuzzy, or reflective. Please note

that this scanner only supports printed 1D barcodes and cannot scan 1D codes or QR codes from digital screens (phones, computers). It is not compatible with Square or Square register systems.



Image: The barcode scanner highlighting its ability to decode various 1D barcode formats, including Codabar, Code 11, Code 32, Code 39, Code 128, UCC/EAN-128, EAN-8, EAN-13, UPC-A, UPC-E, ISBN/ISSN, Interleaved 2 of 5, Matrix 2 of 5, and MSI/Plessey.

Anti-Shock Silicone (IP54)

Avoid Collision Damage or Break While Falling Off Your Desk or Shelf

Support Multi-Languages

English Espanol Deutsch Japanese Francais Italiano

Image: The barcode scanner successfully reading barcodes that are distorted, damaged, reflective, and colorful, demonstrating its robust decoding capabilities.

Advanced Features

The scanner offers customizable settings, typically configured by scanning specific setup barcodes found in the full product manual.

Beep Setting

You can enable or disable the audible beep sound that confirms a successful scan. Refer to the full manual for the specific configuration barcodes to change this setting.

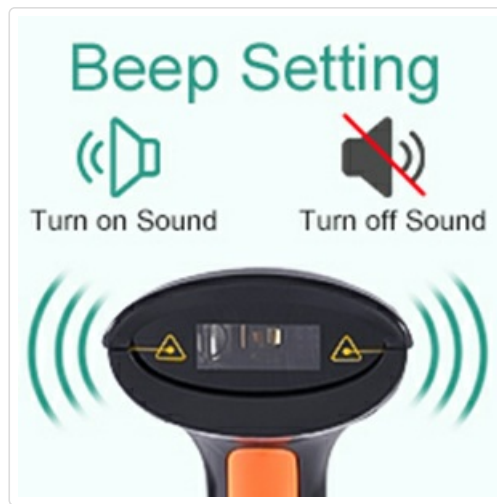


Image: Visual representation of the beep setting, showing options to turn the sound on or off.

Data Editing Functions

The scanner supports various data editing functions to modify scanned barcode data before transmission. These functions include adding prefixes, suffixes, inserting characters in the middle, or hiding front/end characters of the barcode data. Consult the comprehensive manual for detailed instructions and configuration barcodes for these features.

- **Add Prefix:** Adds specified characters to the beginning of the scanned data.
- **Add Suffix:** Adds specified characters to the end of the scanned data.
- **Insert in Middle:** Inserts specified characters at a designated position within the scanned data.
- **Hide Front/End:** Removes a specified number of characters from the beginning or end of the scanned data.



Image: Examples illustrating data editing functions such as adding prefixes, inserting characters in the middle, adding suffixes, and hiding front/end characters of a barcode.

Maintenance

To ensure optimal performance and longevity of your Onewscan 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 lightly dampened with a mild, non-abrasive cleaner. Avoid harsh chemicals or abrasive materials.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Protection:** The scanner features an anti-shock silicone casing (IP54 rated) designed to protect it from minor impacts and splashes. However, avoid dropping the device from significant heights or exposing it to excessive moisture.



Image: The barcode scanner's anti-shock silicone (IP54) protection is depicted, showing its resilience against accidental drops.

Troubleshooting

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

- **Scanner not responding:**
 - Ensure the USB cable is securely connected to both the scanner and the computer.
 - Try connecting the scanner to a different USB port.
 - Restart your computer.
- **No data transmitted after scanning:**
 - Verify that the scanner is in the correct operating mode (e.g., Manual Trigger, Continuous Scan).
 - Ensure the barcode is not damaged or poorly printed.
 - Check if the application you are using is ready to receive input (e.g., cursor is in a text field).
- **Scanner beeps but no data:**
 - This might indicate a data formatting issue. Refer to the advanced features section and the full manual for data editing settings.
 - Ensure the barcode symbology is supported by the scanner.
- **Scanner reads incorrectly:**
 - Clean the scanning window to remove any dust or smudges.
 - Ensure proper lighting conditions; avoid direct glare or very dim environments.
 - Try scanning the barcode from a different angle or distance.

Specifications

Feature	Specification
Model Number	NS-610L
Brand	Onewscan
Connectivity Technology	USB (Wired)
Compatible Devices	Computer, Laptop
Power Source	Electric Cable
Scan Rate	300 scans/second
Product Dimensions (L x W x H)	9.8 x 8.9 x 19.2 cm
Compliant Specifications	FCC
Scan Angle (Tilt)	55 degrees
Scan Angle (Elevation)	65 degrees
Supported Symbologies	1D (Code11, Code39, Code93, Code32, Code128, Coda Bar, UPC-A, UPC-E, EAN-8, EAN-13, JAN.EAN/UPC Add-on2/5, MSI/Plessey, Telepen, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5)

Warranty and Support

Onewscan products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the contact details provided with your product packaging or visit the official Onewscan website. Keep your purchase receipt as proof of purchase for warranty claims.