ADESSO NuScan 1600U

Adesso NuScan 1600U 1D Handheld CCD Barcode Scanner USB

Model: NuScan 1600U

Introduction

The Adesso NuScan 1600U is a high-performance 1D handheld CCD barcode scanner designed for efficient and reliable data collection. This device is engineered to scan up to 300 times per second and can read barcodes from a distance of up to 20 inches, thanks to its advanced 32-bit microprocessor. Its built-in decoder simplifies the process of programming settings, editing data, and scanning various 1D barcode symbologies. The NuScan 1600U is also built with durability in mind, featuring a robust design that minimizes damage from accidental drops.

Setup

Package Contents

- Adesso NuScan 1600U Barcode Scanner
- USB Cable (attached)
- Quick Start Guide (not included in this manual)

Connecting the Scanner

The NuScan 1600U is a plug-and-play device, requiring no special drivers for most operating systems. Follow these steps to connect your scanner:

1. Locate an available USB port on your computer (Windows or Mac).
2. Plug the USB cable of the NuScan 1600U into the USB port.
3. Your operating system will automatically detect and install the necessary drivers. This process may take a few moments.
4. Once installed, the scanner is ready for use. You can test it by opening a text editor (like Notepad or Word) and scanning a barcode. The barcode data should appear in the document.



Image: The NuScan 1600U connected to a laptop, demonstrating its USB connectivity and compatibility with both Mac and Windows operating systems.

Operating the NuScan 1600U

Basic Scanning

To scan a barcode, point the scanner's head towards the barcode and press the trigger button. A red laser line will appear, indicating the scanning area. Ensure the laser line crosses the entire barcode for a successful read. A successful scan is typically indicated by an audible beep and/or a visual indicator light on the scanner.



Image: The NuScan 1600U in operation, showing the red laser beam used for scanning barcodes.

Supported Barcode Symbologies

The NuScan 1600U is designed to read a wide range of 1D barcode symbologies, including but not limited to:

- EAN-13
- UPC-A
- UPC-E
- EAN-8
- Code 39
- Code 128
- Interleaved 2 of 5
- Codabar
- Industrial 2 of 5



Image: Visual examples of common 1D barcode types that the NuScan 1600U can read, such as EAN-13 and UPC-A.

Example Barcode Data: 0001234000057, 123456792

Key Features and Performance

- **Reliable Data Collection:** The built-in decoder ensures accurate reading of most 1D barcodes. Its driver-less operation provides easy compatibility with Windows and Mac operating systems.
- **Ergonomic Design:** The scanner features an easy-to-hold grip and a conveniently placed thumb-switch, designed for maximum comfort during extended scanning sessions.



Image: Side profile of the scanner, showcasing its ergonomic design for comfortable use.

- **Superior Scanning Performance:** With a scan rate of 300 scans per second and an innovative high-pixel CCD engine, the NuScan 1600U delivers fast and precise scanning results.
- **Drop Protection:** Constructed with a durable silicone plastic material and a robust CCD engine, the NuScan 1600U

is designed to withstand accidental drops, enhancing its longevity.

- **Long Scanning Range:** The CCD sensor allows for scanning barcodes from a depth of up to 16 inches, providing flexibility in various scanning environments.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your NuScan 1600U barcode scanner.

Cleaning the Scanner

- Use a soft, lint-free cloth slightly dampened with water or a mild, non-abrasive cleaning solution.
- Gently wipe the exterior of the scanner, including the scanning window.
- Do not use harsh chemicals, abrasive cleaners, or excessive liquid, as these can damage the device.
- Ensure the scanner is unplugged before cleaning.

Storage

- Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid placing heavy objects on top of the scanner.

Troubleshooting

If you encounter issues with your NuScan 1600U, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
Scanner does not emit light or scan.	Not properly connected; USB port issue; Scanner malfunction.	Ensure the USB cable is securely plugged into both the scanner and the computer. Try a different USB port on your computer. Restart your computer. If the issue persists, contact technical support.
Barcode not reading or reading incorrectly.	Barcode damaged/poor quality; Incorrect scanning angle; Unsupported barcode type; Dirty scanning window.	Ensure the barcode is clear and undamaged. Adjust the scanning angle and distance. Ensure the laser line covers the entire barcode. Verify that the barcode symbology is supported by the NuScan 1600U (1D barcodes only). Clean the scanning window as per maintenance instructions.

Problem	Possible Cause	Solution
Scanned data appears in the wrong application or not at all.	No active text input field; Application not ready.	Ensure you have an active text input field (e.g., a blinking cursor in Notepad, Word, or a web form). Click into the desired application or field before scanning.

Specifications

Feature	Detail
Product Dimensions	6.85 x 2.81 x 3.62 inches
Item Weight	6.7 ounces
Item Model Number	NuScan 1600U
Manufacturer	Adesso
Compatible Devices	Android, Mac, PC
Power Source	Corded Electric (USB powered)
Brand	ADESSO
Connectivity Technology	USB Cable
Scan Rate	300 scans per second
Barcode Symbologies	1D Barcodes (e.g., EAN-13, UPC-A, UPC-E, EAN-8, Code 39, Code 128, Interleaved 2 of 5, Codabar, Industrial 2 of 5)

Warranty and Support

Warranty Information

The Adesso NuScan 1600U typically comes with a manufacturer's limited warranty. Please refer to the warranty card included with your product or visit the official Adesso website for detailed warranty terms and conditions. This warranty generally covers defects in materials and workmanship under normal use.

Technical Support

For technical assistance, troubleshooting, or any questions regarding your Adesso NuScan 1600U, please contact Adesso customer support. You can usually find contact information (phone, email, or support portal) on the official Adesso website:

Visit Adesso Support Website

When contacting support, please have your product model number (NuScan 1600U) and a description of the issue ready to expedite the process.

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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