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ADESSO NuScan 2500CU

Adesso NuScan 2500CU Barcode Scanner

User Instruction Manual

Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Adesso NuScan 2500CU Spill Resistant CCD Barcode Scanner. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize its lifespan.



Image: The Adesso NuScan 2500CU barcode scanner, showing its ergonomic design and scanning beam.

Setup

Follow these steps to set up your NuScan 2500CU barcode scanner:

1. **Unpack the Scanner:** Carefully remove the scanner and any accessories from the packaging.
2. **Connect the USB Cable:** The NuScan 2500CU connects via a USB cable. Plug the USB connector into an available USB port on your computer (Desktop or Laptop).
3. **Driver Installation:** For most Windows and Mac operating systems, the scanner is plug-and-play and will automatically install the necessary drivers. No additional software installation is typically required.

4. **Test Connection:** Open a text editor (like Notepad or Word) or any application where you can input text. Scan a known barcode. If the scanner is properly installed, the barcode data should appear in the application.

Operating Instructions

The NuScan 2500CU is designed for ease of use. Here's how to operate it effectively:

Scanning Barcodes

- **Aim and Scan:** Point the scanner's window at the barcode you wish to scan. Ensure the red scanning beam covers the entire barcode.
- **Press the Trigger:** Press the yellow trigger button located on the handle. The scanner will emit a red light and attempt to read the barcode.
- **Confirmation:** A successful scan is typically indicated by an audible beep and/or a change in the LED indicator light. The scanned data will then be transmitted to your connected device.



Image: The NuScan 2500CU demonstrating its long scanning range, capable of reading barcodes from a distance.

Scanning Performance and Decoding Capability

The scanner features a high-pixels CCD engine, providing a scan rate of 300 scans per second for fast and accurate results. It is capable of decoding a wide range of 1D barcodes.



Image: The NuScan 2500CU showcasing its superior decoding capability for various 1D barcodes like EAN-13, UPC-A, UPC-E, and EAN-8, along with 2D barcodes like QR Code and PDF417.

For more information on compatible barcode types, please refer to the product specifications or the manufacturer's website.
Relevant Link: NuPrint 310 - 3 Inch Thermal Receipt Printer

Maintenance

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

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the scanner. For the scanning window, use a lint-free cloth lightly dampened with a mild, non-abrasive cleaner. Avoid harsh chemicals or abrasive materials.
- **Spill Resistance:** The NuScan 2500CU features a spill-resistant design to prevent fluids from entering the internal components. While resistant, it is not waterproof. Avoid submerging the device in liquids.
- **Antimicrobial Design:** The scanner is made with antimicrobial substances to help keep away germs and viruses. Regular cleaning is still recommended for hygiene.
- **Drop Protection:** The durable silicone plastic material and CCD engine provide enhanced drop protection. However, avoid intentional drops or excessive force.



Image: The NuScan 2500CU demonstrating its drop protection, showing the scanner intact after an impact.



Image: A diagram highlighting key features of the NuScan 2500CU, including LED Indicator, Spill Resistant design, Antimicrobial material, 2D Scanning Engine, Long Scanning Range, and Trigger.

Troubleshooting

If you encounter issues with your NuScan 2500CU, try the following solutions:

- **Scanner Not Responding:**
  - Ensure the USB cable is securely connected to both the scanner and the computer.
  - Try plugging the scanner into a different USB port on your computer.
  - Restart your computer.
- **No Data Output After Scanning:**
  - Verify that the application you are using (e.g., text editor, POS software) is active and ready to receive input.
  - Ensure the barcode is clean, undamaged, and properly illuminated.
  - Check if the scanner's beam is fully covering the barcode.
  - Confirm the barcode type is supported by the scanner.
- **Incorrect Data Output:**
  - Ensure the barcode is not partially obscured or damaged.
  - Check your computer's keyboard layout settings, as this can sometimes affect how scanned data is

interpreted.

- **Scanner Beeps Continuously:**
  - This may indicate a configuration error or a hardware issue. Disconnect and reconnect the scanner. If the issue persists, contact support.

If these steps do not resolve your issue, please refer to the support section.

Specifications

Feature	Detail
Model Number	NuScan 2500CU
Product Dimensions	6.25 x 2.5 x 3.75 inches
Item Weight	6.1 ounces
Connectivity Technology	USB Cable
Power Source	Corded Electric
Compatible Devices	Desktop, Laptop
Scan Rate	300 scans per second
Barcode Compatibility	Majority of 1D barcodes
Special Features	Spill Resistant, Drop Protection, Antimicrobial





Image: The retail packaging for the Adesso NuScan 2500CU, highlighting its features and compatibility.

Relevant Link: Adesso 2D Handheld Barcode Scanner

Warranty and Support

For warranty information and technical support, please contact Adesso Inc., the manufacturer of the NuScan 2500CU barcode scanner.

- **Manufacturer:** ADESSO - POS
- **Support:** Visit the official ADESSO website for product support, FAQs, and contact information.

Visit the ADESSO Store on Amazon

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

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