

Adesso NuScan1000U

Adesso NuScan1000U USB Handheld Contact CCD Barcode Scanner Instruction Manual

Model: NuScan1000U

1. PRODUCT OVERVIEW

The Adesso NuScan1000U is a reliable USB handheld contact CCD barcode scanner designed for various applications. It features durable construction and an ergonomic design for comfortable and efficient use. This scanner is ideal for retail, point-of-sale, and other applications where accurate and fast barcode reading is essential.

Key Features:

- Durable construction from high-quality ABS plastic for extended service life.
- 2048 pixel CCD with a 3.15-inch (width) and 0.78-inch (depth) scan field for quick and accurate reads.
- Automatic recognition and decoding of popular barcode symbologies.
- Ease of use compared to pen scanning methods.
- Compatible with Windows 7/Vista/XP/2000 and Mac OS X.



Figure 1: The Adesso NuScan1000U USB Handheld Contact CCD Barcode Scanner. This image shows the black, ergonomic scanner with its integrated USB cable extending from the base. The Adesso logo is visible on the top surface.

2. SETUP INSTRUCTIONS

The NuScan1000U is designed for simple plug-and-play installation. No additional software drivers are typically required for basic operation on compatible operating systems.

1. **Connect the Scanner:** Locate an available USB port on your computer (desktop or laptop). Insert the USB cable from the NuScan1000U scanner firmly into the USB port.
2. **System Recognition:** Your operating system (Windows or Mac OS X) should automatically detect and install the necessary generic drivers for the scanner. This process may take a few moments.
3. **Confirmation:** Once successfully connected, the scanner may emit an audible chime (e.g., "La Cucaracha" tune as reported by some users) indicating it is ready for use. The computer may also display a notification that a new device has been installed.
4. **Test Scan:** Open a text editor (like Notepad, Word, or a spreadsheet program) and perform a test scan of any standard barcode. The barcode numbers should appear as if typed into the document.

Note: If your system prompts for an "unidentified keyboard" or similar dialog, try to proceed with default settings or consult the Adesso support website for specific configuration barcodes if issues persist.

3. OPERATING INSTRUCTIONS

The NuScan1000U operates as a keyboard wedge device, meaning it inputs scanned data directly into any active application as if it were typed.

Scanning a Barcode:

1. **Position the Scanner:** Hold the scanner so that the scanning window is in direct contact with the barcode you wish to read. This is a *contact CCD scanner*, requiring close proximity or direct contact for optimal performance.
2. **Activate Scan:** Press the trigger button located on the top of the scanner handle.
3. **Confirmation:** A successful scan will typically be indicated by an audible beep and the barcode data appearing in your

active application. If no data appears or no beep is heard, reposition the scanner and try again.

Adjusting Scanner Settings:

The NuScan1000U can be configured by scanning specific barcodes found in the product's instruction booklet (or available as a PDF from the Adesso website). These configuration barcodes allow you to adjust settings such as:

- **Scan Mode:** Trigger (manual press), Auto-sense (automatic detection), or Toggle.
- **Audio Feedback:** Tone and duration of the successful scan beep.
- **Data Suffix:** Add or remove an 'Enter' character after each scan.

Refer to the official Adesso NuScan1000U manual for a complete list of configuration barcodes and their functions.

4. MAINTENANCE

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

- **Cleaning the Scanning Window:** Regularly clean the scanning window with a soft, lint-free cloth. If necessary, dampen the cloth slightly with water or a mild, non-abrasive cleaner. Avoid harsh chemicals or abrasive materials that could scratch the window.
- **Cleaning the Housing:** Wipe the scanner's housing with a soft, dry cloth.
- **Cable Care:** Avoid bending or twisting the USB cable excessively, as this can damage internal wires. Store the cable neatly when not in use.
- **Storage:** Store the scanner in a clean, dry environment away from extreme temperatures and direct sunlight.

5. TROUBLESHOOTING

If you encounter issues with your NuScan1000U, refer to the following common problems and solutions:

- **Scanner does not power on or respond:**

Ensure the USB cable is securely connected to both the scanner and the computer's USB port. Try a different USB port or a different computer to rule out port or system issues.

- **Scanner beeps but no data appears:**

Verify that the application you are using is active and ready to receive input (e.g., cursor is blinking in a text field). Check the scanner's configuration settings (via configuration barcodes) to ensure it is set to output data correctly, including any suffix characters like 'Enter'.

- **Scanner does not read barcodes:**

Contact Requirement: Remember this is a *contact CCD scanner*. Ensure the scanning window is in direct contact with or very close to the barcode. It will not scan from several inches away like some laser scanners.

Barcode Quality: Ensure the barcode is clear, not smudged, torn, or poorly printed. Test with a known good barcode.

Scanning Angle: Try different angles and positions. Sometimes a slight tilt can improve readability.

Supported Symbologies: Confirm the barcode type is supported by the NuScan1000U (e.g., EAN-13, UPC-A, Code 128, Code 39, Interleaved 2 of 5). It does not support 2D barcodes or some specific types like UPC-E or Codabar without specific configuration.

- **"Unidentified Keyboard" message on Mac:**

This can sometimes occur. Try unplugging and replugging the USB cable. If the issue persists, consult the Adesso support website for specific Mac OS X configuration steps or barcodes.

6. SPECIFICATIONS

Feature	Detail
Model Number	NUSCAN_1000U
Brand	Adesso
Connectivity Technology	USB Cable
Scan Field	3.15 inches (width) & 0.78 inches (depth)
Sensor Type	2048 pixel CCD
Compatible Devices	Desktop, Laptop
Operating Systems	Windows 7/Vista/XP/2000, Mac OS X
Item Weight	4.8 ounces
Product Dimensions	6.8 x 3.5 x 2.26 inches
Color	Black

7. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance with your Adesso NuScan1000U barcode scanner, please visit the official Adesso website or contact their customer support department.

Adesso Official Website: www.adesso.com

Please have your product model number (NuScan1000U) and any purchase details ready when contacting support.

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