Adesso NuScan 2500CR

Adesso NuScan 2500CR Wireless Barcode Scanner User Manual

Model: NuScan 2500CR

Introduction

Thank you for choosing the Adesso NuScan 2500CR Wireless Barcode Scanner. This manual provides essential information for setting up, operating, and maintaining your device. The NuScan 2500CR is engineered for high-speed and accurate barcode scanning, offering wireless convenience through its 2.4 GHz RF technology. Its robust design ensures durability in various working environments.



Image: The Adesso NuScan 2500CR wireless barcode scanner, shown in black, resting on its matching black stand. The scanner features a comfortable grip and a scanning window at the front. The Adesso logo is visible on both the scanner and the base of the stand.

Setup

Package Contents

- Adesso NuScan 2500CR Barcode Scanner
- USB Receiver (Dongle)
- USB Charging Cable
- Quick Start Guide

Initial Charging

Before first use, fully charge the scanner. Connect the USB charging cable to the scanner's charging port and the other end to a powered USB port on your computer or a USB wall adapter. The charging indicator light will typically show red during charging and turn off or change color when fully charged. A full charge usually takes approximately 3-4 hours.

Connecting the Scanner

1. Insert the USB receiver into an available USB port on your computer (Desktop or Laptop).
2. The computer will automatically detect and install the necessary drivers. This is a plug-and-play process and typically requires no manual driver installation.
3. Once the receiver is recognized, power on the NuScan 2500CR scanner. It should automatically pair with the receiver. A successful connection is usually indicated by a specific beep or LED light on the scanner.

Operating Instructions

Basic Scanning

To scan a barcode, point the scanning window of the NuScan 2500CR at the barcode and press the trigger button. Ensure the entire barcode is within the scanning beam. A successful scan will be indicated by a beep and/or a green LED light. The scanned data will be transmitted to your connected device as if typed from a keyboard.

Scanning Distance

The NuScan 2500CR can effectively scan barcodes from various distances, up to 20 inches away, depending on the barcode size and type. For optimal performance, hold the scanner at a distance that allows the scanning beam to cover the entire barcode.

Wireless Range

The 2.4 GHz RF Wireless Technology provides a wireless operating range of up to 150 feet (approximately 45 meters) in open areas. Environmental factors such as walls, electronic interference, and other wireless devices may affect the actual range.

Maintenance

Cleaning the Scanner

To maintain optimal scanning performance, keep the scanning window clean. Use a soft, lint-free cloth lightly dampened with water or a mild, non-abrasive cleaning solution. Do not use harsh chemicals or abrasive materials, as these can damage the scanner's surface or optical components.

Battery Care

The scanner is equipped with a Lithium Ion battery. To prolong battery life, avoid fully discharging the battery frequently. Store the scanner in a cool, dry place when not in use for extended periods. If the scanner will not be used for a long time, charge it periodically to prevent deep discharge.

Durability

The NuScan 2500CR is designed to withstand drops from heights of up to 5 feet (1.5 meters). While durable, excessive force or repeated drops can still cause damage. Handle the device with care.

Troubleshooting

Scanner Not Responding

- Ensure the scanner is fully charged.
- Verify the USB receiver is securely plugged into a working USB port on your computer.
- Try plugging the USB receiver into a different USB port.
- Restart your computer.
- Re-pair the scanner with the receiver if necessary (refer to the Quick Start Guide for specific pairing instructions).

Barcode Not Scanning

- Ensure the barcode is not damaged, smudged, or poorly printed.
- Adjust the distance and angle of the scanner relative to the barcode.
- Clean the scanning window if it appears dirty.
- Verify that the barcode type is supported by the scanner.

Data Transmission Issues

- Check the wireless range; move closer to the USB receiver.
- Ensure there are no significant obstructions or sources of strong electromagnetic interference between the scanner and the receiver.
- Confirm that the application you are scanning into is active and ready to receive input.

Specifications

Model Number	NuScan 2500CR
Dimensions (L x W x H)	6.25 x 2.5 x 3.75 inches (15.88 x 6.35 x 9.53 cm)
Weight	6.1 ounces (173 grams)
Connectivity	2.4 GHz RF Wireless Technology
Wireless Range	Up to 150 feet (45 meters)
Scanning Rate	300 scans per second
Scanning Distance	Up to 20 inches (50.8 cm)
Battery Type	1 Lithium Ion battery (included)
Drop Resistance	Withstands drops from up to 5 feet (1.5 meters)

Compatible Devices	Desktop, Laptop

Warranty and Support

Warranty Information

Adesso products typically come with a limited warranty. Please refer to the warranty card included with your product or visit the official Adesso website for detailed warranty terms and conditions. Keep your purchase receipt as proof of purchase for warranty claims.

Technical Support

For technical assistance, troubleshooting, or product inquiries, please contact Adesso customer support. Support contact information can usually be found on the Adesso website or in the Quick Start Guide provided with your scanner.
Note: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

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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