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› [Zebra DS8108-HCBU2104ZVW Barcode Scanner User Manual](#)

Zebra Technologies DS8108-HCBU2104ZVW

Zebra DS8108-HCBU2104ZVW Barcode Scanner User Manual

Model: DS8108-HCBU2104ZVW

Brand: Zebra Technologies

1. INTRODUCTION

This manual provides comprehensive instructions for the proper setup, operation, and maintenance of your Zebra DS8108-HCBU2104ZVW Barcode Scanner. This device is engineered for efficient and accurate barcode scanning, particularly in environments requiring high performance and durability, such as healthcare settings.

2. PACKAGE CONTENTS

Please verify that all the following components are included in your package:

- Zebra DS8108-HC4000BVZWW Scanner
- CBA-U21-S07ZAR Shielded USB Cable

If any items are missing or damaged, please contact your supplier or Zebra Technologies support immediately.

3. SETUP INSTRUCTIONS

3.1. Connecting the Scanner

1. Locate an available USB port on your computer or host device.
2. Connect the smaller end of the shielded USB cable (CBA-U21-S07ZAR) to the interface port at the base of the scanner.
3. Connect the larger end of the USB cable to the USB port on your computer.
4. The scanner will typically power on automatically upon connection, indicated by a brief flash of its lights.

3.2. Driver Installation

For most modern operating systems, the necessary drivers for the Zebra DS8108-HC scanner will install automatically when connected. If prompted, follow any on-screen instructions to complete the installation. For specific operating systems or advanced configurations, please visit the official Zebra Technologies support website for driver downloads and detailed

installation guides.



An image showing the Zebra DS8108-HCBU2104ZVW barcode scanner. The device is white with blue accents around the scanning window and on the trigger button. It has an ergonomic shape designed for handheld use, and is depicted connected to a USB cable.

4. OPERATING THE SCANNER

4.1. Basic Scanning Procedure

1. Ensure the scanner is properly connected to your host device and powered on.
2. Point the scanner's window at the barcode you intend to scan.
3. Press and hold the trigger button located on the handle. A red aiming pattern will project from the scanner.
4. Position the aiming pattern so that it covers the entire barcode.
5. Upon a successful read, the scanner will typically emit an audible beep and/or a visual indicator (e.g., a green light).
6. Release the trigger button. The scanned data will be transmitted to your host application.

4.2. Scanning Tips

- Maintain an appropriate distance from the barcode. The optimal scanning distance can vary based on barcode size and type.
- Ensure the barcode is flat, clean, and free from any obstructions or damage that might hinder readability.
- For barcodes on reflective surfaces, try scanning at a slight angle to minimize glare.

5. MAINTENANCE AND CARE

5.1. Cleaning the Scanner

To ensure consistent and optimal performance, it is important to keep the scanner's scanning window clean.

- Before cleaning, power off the scanner and disconnect it from the host device.
- Use a soft, lint-free cloth dampened with a mild cleaning solution, such as isopropyl alcohol or a healthcare-grade disinfectant specifically approved for use on plastics.
- Gently wipe the scanning window and the exterior surfaces of the scanner.
- **Do not** use abrasive cleaners, harsh solvents, or immerse the scanner in any liquid.
- Allow the scanner to dry completely before reconnecting and powering it on.

5.2. Storage

Store the scanner in a clean, dry environment, away from extreme temperatures, high humidity, and direct sunlight, to prevent damage and prolong its lifespan.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your scanner. For problems not listed here, please contact technical support.

Problem	Possible Cause	Solution
Scanner does not power on	USB cable not properly connected or power issue	Ensure the USB cable is securely connected to both the scanner and the host device. Try a different USB port or host device.
Scanner does not read barcodes	Barcode damaged, unreadable, or scanning window is dirty	Try scanning a different, known-good barcode. Clean the scanning window as described in the Maintenance section.
Scanner does not read barcodes	Incorrect scanning distance or angle	Adjust the distance and angle to the barcode. Ensure the aiming pattern covers the entire barcode.
Scanned data is incorrect or incomplete	Incorrect scanner configuration or host application settings	Refer to the advanced configuration guide on the Zebra Technologies support website or contact technical support for assistance with settings.

For further assistance, please contact Zebra Technologies support.

7. PRODUCT SPECIFICATIONS

Feature	Detail
Model Number	DS8108-HCBU2104ZVW
Product Dimensions	5.67 x 4.09 x 2.52 inches
Item Weight	11.26 ounces
Manufacturer	Zebra Enterprise
Connectivity Technology	USB Cable
Power Source	Corded Electric, USB Cable
Compatible Devices	Desktop, Laptop
Country of Origin	United States

Note: Specifications are subject to change without prior notice.

8. WARRANTY INFORMATION

This Zebra DS8108-HCBU2104ZVW Barcode Scanner is covered by Zebra Technologies' standard limited warranty. For complete details regarding warranty terms, conditions, and duration, please refer to the warranty documentation included with your product packaging or visit the official Zebra Technologies website.

Extended protection plans may be available for purchase separately and can offer additional coverage beyond the standard warranty.

9. TECHNICAL SUPPORT

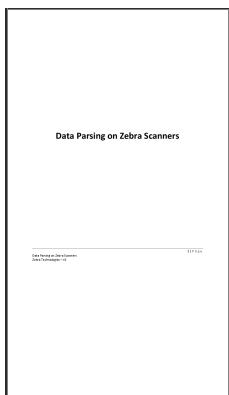
For technical assistance, driver downloads, firmware updates, or additional product information, please visit the official Zebra Technologies support website:

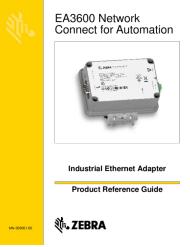
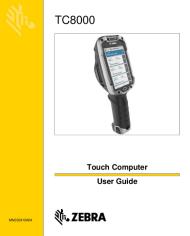
www.zebra.com/support

You may also contact Zebra Technologies customer service directly for personalized support.



Related Documents - DS8108-HCBU2104ZVW

	<p>Data Parsing on Zebra Scanners</p> <p>Data Parsing on Zebra Scanners: A Comprehensive Guide</p> <p>Explore Zebra's Data Parsing technology for handheld scanners. This guide details programming UDI, GS1, and Blood Bag labels using 123Scan, covering setup, configuration, and industry applications in healthcare and logistics.</p>
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 	<p>DS3408 Product Reference Guide - Zebra Technologies</p> <p>Comprehensive guide for the Zebra DS3408 barcode scanner, detailing setup, operation, maintenance, troubleshooting, interface configurations, symbologies, and user preferences.</p>
	<p>Zebra LI4278 Linear Imager Quick Start Guide and Regulatory Information</p> <p>Comprehensive guide for the Zebra LI4278 Linear Imager, covering recommended usage, scanning operations, troubleshooting, battery information, and essential regulatory compliance details for safe and effective operation.</p>
	<p>EA3600 Network Connect for Automation: Industrial Ethernet Adapter Product Reference Guide</p> <p>This guide provides comprehensive information on setting up, configuring, and operating the Zebra EA3600 Network Connect for Automation Industrial Ethernet Adapter, detailing its integration with Zebra scanners and various industrial network protocols like EtherNet/IP, PROFINET, and Modbus TCP.</p>
	<p>MC9200 Rugged Mobile Computer Release Notes v03.13.1006</p> <p>Comprehensive release notes for the Zebra MC9200 rugged mobile computer, version v03.13.1006. Details software fixes, component versions, device compatibility, and installation instructions for this enterprise-grade mobile device.</p>
	<p>Zebra TC8000 Touch Computer User Guide</p> <p>Comprehensive user guide for the Zebra TC8000 Touch Computer, detailing setup, operation, data capture, wireless features, applications, accessories, maintenance, and troubleshooting for enterprise environments.</p>