

Symbol DS6707

Symbol DS6707 2D/1D/QR Handheld Barcode Scanner Instruction Manual

Model: DS6707

1. INTRODUCTION

The Symbol DS6707 is a high-performance handheld barcode scanner designed for versatile data capture. It is capable of reading 1D, 2D, and QR barcodes, making it suitable for a wide range of applications including retail, healthcare, and inventory management. This manual provides essential information for the proper setup, operation, and maintenance of your DS6707 scanner.

2. PACKAGE CONTENTS

Verify that your package contains the following items:

- Symbol DS6707 Handheld Barcode Scanner
- 15-foot Coiled USB Cable

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

3. SETUP

Follow these steps to connect and prepare your Symbol DS6707 scanner for use:

1. **Connect the USB Cable to the Scanner:** Insert the RJ45-style connector of the coiled USB cable firmly into the port at the base of the DS6707 scanner. Ensure it clicks into place.
2. **Connect the USB Cable to Your Host Device:** Plug the USB-A connector of the coiled USB cable into an available USB port on your computer (desktop or laptop).
3. **Driver Installation (Automatic):** In most operating systems (e.g., Windows, macOS, Linux), the necessary drivers will install automatically upon connecting the scanner. Wait for the operating system to confirm that the device is ready for use.
4. **Test the Scanner:** Open a text editor or any application that accepts keyboard input. Aim the scanner at a known barcode and press the trigger button. The scanned data should appear in the application.



An image showing the Symbol DS6707 handheld barcode scanner, dark gray with a yellow trigger button, alongside its coiled USB cable with a USB-A connector on one end and an RJ45-style connector for the scanner on the other. This illustrates the scanner and its primary connection cable.

4. OPERATING THE SCANNER

The DS6707 scanner is designed for intuitive operation. Follow these guidelines for effective scanning:

- **Aiming:** Point the scanner's window at the barcode you wish to scan. The scanner emits an aiming pattern to help you center the barcode within its field of view.
- **Triggering:** Press and hold the yellow trigger button located on the handle. The scanner will illuminate the barcode with its scanning beam.
- **Successful Scan Indication:** Upon a successful read, the scanner will typically emit an audible beep and/or a green LED indicator will illuminate, and the aiming pattern will turn off. The scanned data will be transmitted to your connected host device.
- **Scanning Distance:** The optimal scanning distance varies depending on the barcode size and type. Experiment with different distances to find the best performance for your specific barcodes.
- **Barcode Types:** The DS6707 supports a wide range of 1D (e.g., UPC/EAN, Code 39), 2D (e.g., Data Matrix, PDF417), and QR codes.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your DS6707 scanner:

- **Cleaning the Scan Window:** Regularly clean the scanner's exit window with a soft, non-abrasive cloth. If necessary, use a mild glass cleaner applied to the cloth (not directly to the scanner). Avoid abrasive materials or harsh chemicals.
- **Cable Care:** Avoid excessive pulling, twisting, or bending of the USB cable, especially at the connectors. Store the cable neatly when not in use.

- **Storage:** Store the scanner in a clean, dry environment, away from extreme temperatures, direct sunlight, and corrosive materials.
- **Avoid Drops:** While designed for durability, avoid dropping the scanner, as this can cause internal damage.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your DS6707 scanner.

Problem	Possible Cause	Solution
Scanner does not power on.	USB cable not properly connected or faulty USB port.	Ensure the USB cable is securely connected to both the scanner and the host device. Try a different USB port or a different USB cable if available.
Scanner does not read barcodes.	Incorrect aiming, damaged barcode, or scanner configuration issue.	Ensure the aiming pattern covers the entire barcode. Try scanning a different, known-good barcode. Check if the barcode type is enabled in the scanner's configuration (refer to advanced programming guide if needed). Clean the scan window.
Scanned data is incorrect or incomplete.	Partial scan, incorrect symbology settings, or data formatting issue.	Ensure the entire barcode is within the aiming pattern during scanning. Verify the application receiving the data is configured correctly.

For more advanced troubleshooting or specific configuration needs, please refer to the comprehensive programming guide available from Symbol's official support resources.

7. SPECIFICATIONS

Key technical specifications for the Symbol DS6707 barcode scanner:

- **Model:** DS6707
- **Brand:** Symbol
- **Connectivity Technology:** USB Cable
- **Power Source:** USB Cable (Bus-powered)
- **Compatible Devices:** Desktop, Laptop
- **Barcode Types Supported:** 1D, 2D, QR Codes
- **Cable Length:** 15 feet (Coiled USB Cable)
- **UPC:** 611393756926

8. WARRANTY AND SUPPORT

The Symbol DS6707 barcode scanner is covered by a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Symbol (now Zebra Technologies) website for detailed warranty terms and conditions.

For technical support, service, or additional documentation, please contact your authorized Symbol reseller or visit the official support portal for Zebra Technologies. Ensure you have your product model number (DS6707) and any relevant serial numbers ready when seeking support.