

## Datalogic QBT2131

# Datalogic QuickScan I QBT2131 Handheld Barcode Scanner User Manual

Model: QBT2131-BK-BTK1

## 1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Datalogic QuickScan I QBT2131 Handheld Barcode Scanner. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.

## 2. PACKAGE CONTENTS

Verify that all items are present in your product package:

- Datalogic QuickScan I QBT2131 Handheld Barcode Scanner
- USB Cable
- Lithium-ion Battery (pre-installed or separate)
- Quick Start Guide (if applicable)

*Note: An AC adapter for charging may be sold separately.*

## 3. PRODUCT OVERVIEW

The Datalogic QuickScan I QBT2131 is a 1D linear imager barcode scanner designed for efficient data capture in retail and warehouse environments. It features Bluetooth wireless technology for flexible operation and a durable design.



**Figure 1:** Datalogic QuickScan I QBT2131 Handheld Barcode Scanner in its charging cradle. The scanner is dark gray with a blue trigger button, and the cradle is also dark gray with two indicator lights on its front panel.

### Components:

- **Scanner Head:** Contains the imaging window and scanning engine.
- **Trigger Button:** Activates the scanning beam.
- **Handle:** Ergonomic grip for comfortable use.
- **Charging/Communication Base:** Provides power and data connection.
- **Indicator Lights:** On the scanner and base, indicating status (e.g., battery, connection).

## 4. SETUP

## 4.1. Battery Installation and Charging

1. **Install Battery:** If the battery is not pre-installed, open the battery compartment cover on the scanner handle and insert the Lithium-ion battery, ensuring correct polarity. Close the cover securely.
2. **Initial Charge:** Place the scanner into its charging base. Connect the USB cable to the charging base and then to a powered USB port on a computer or a compatible USB power adapter (sold separately). The charging indicator light on the base will illuminate, typically amber or red, during charging and turn green when fully charged. Allow approximately 4 hours for a full charge before first use.

## 4.2. Connecting the Base to a Host Device

The charging base serves as the communication interface for the scanner.

1. **USB Connection:** Connect one end of the provided USB cable to the USB port on the charging base. Connect the other end of the USB cable to an available USB port on your computer or host system.
2. **Driver Installation:** Your operating system should automatically detect and install the necessary drivers. If prompted, follow the on-screen instructions.

## 4.3. Pairing the Scanner via Bluetooth

The QBT2131 scanner uses Bluetooth to communicate wirelessly with its base or other Bluetooth-enabled host devices.

1. **Power On:** Ensure the scanner is charged and powered on.
2. **Enter Pairing Mode:** Refer to the Quick Start Guide or Datalogic's official documentation for the specific barcode sequence to put the scanner into Bluetooth pairing mode. This usually involves scanning a special "Pairing Mode" barcode.
3. **Pair with Base:** If pairing with its dedicated base, place the scanner into the base while it is in pairing mode. The scanner and base will automatically attempt to establish a connection.
4. **Pair with Host (Direct):** If pairing directly with a Bluetooth-enabled computer or mobile device, search for Bluetooth devices on your host. Select "Datalogic QBT2131" (or similar) from the list and follow any on-screen prompts to complete the pairing process.
5. **Confirmation:** A successful connection is typically indicated by a specific LED pattern or an audible beep from the scanner.

## 5. OPERATING INSTRUCTIONS

### 5.1. Basic Scanning

1. **Aim:** Point the scanner's imaging window at the barcode you wish to scan.
2. **Trigger:** Press and hold the trigger button. A red aiming line will appear.
3. **Scan:** Position the aiming line across the entire barcode. Once successfully read, the scanner will emit an audible beep and/or the green "good read" LED will illuminate.
4. **Release:** Release the trigger button.

*Ensure the barcode is clean and flat for optimal scanning performance.*

### 5.2. Indicator Lights and Sounds

- **Green LED (Scanner/Base):** Good read, fully charged battery, or connected.
- **Red/Amber LED (Scanner/Base):** Charging, low battery, or error.

- **Beeps:** Indicate successful reads, errors, or mode changes. Consult the full product reference guide for specific beep codes.

## 6. MAINTENANCE

### 6.1. Cleaning the Scanner

- Use a soft, clean cloth dampened with water or a mild, non-abrasive cleaning solution.
- Gently wipe the scanner's exterior, especially the imaging window.
- Do not use harsh chemicals, abrasive cleaners, or immerse the device in liquid.

### 6.2. Battery Care

- Charge the battery regularly to maintain optimal performance.
- Avoid extreme temperatures, which can degrade battery life.
- If the scanner will not be used for an extended period, store it with a partial charge (around 50%) in a cool, dry place.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scanner not reading barcodes	Barcode damaged or poorly printed; incorrect aiming; scanner not powered on; incorrect symbology enabled.	Ensure barcode is clear and flat. Aim the red line across the entire barcode. Check battery level. Consult the programming guide to enable required barcode symbologies.
Scanner not connecting to host	Bluetooth not paired; USB cable loose; drivers not installed; out of range.	Re-pair Bluetooth. Check USB cable connection. Verify drivers are installed. Ensure scanner is within Bluetooth range of the base/host.
Battery not charging	USB cable faulty; power source issue; battery not seated correctly.	Try a different USB cable or USB port. Ensure the scanner is properly seated in the charging base. Check battery installation.

If the problem persists, please contact Datalogic customer support.

## 8. SPECIFICATIONS

- **Model:** QBT2131-BK-BTK1
- **Dimensions:** 1.61 x 3.58 x 6.42 inches
- **Weight:** 6.7 ounces
- **Connectivity:** USB Cable, Bluetooth
- **Imager Type:** 1D Linear Imager
- **Battery:** 1 Lithium Ion battery (included)
- **Compatible Devices:** Desktop, Laptop
- **Color:** Black
- **Manufacturer:** Datalogic S.p.A

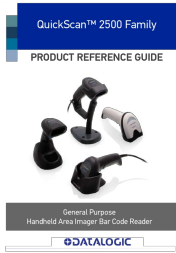
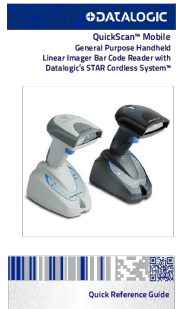


## 9. WARRANTY INFORMATION

Datalogic products are covered by a limited warranty. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official Datalogic website. Keep your proof of purchase for warranty claims.

## 10. CUSTOMER SUPPORT

For technical assistance, product inquiries, or service, please contact Datalogic customer support through their official website or the contact information provided in your product documentation. You may also find additional resources, FAQs, and software downloads on the Datalogic support portal.

### Related Documents - QBT2131

	<p><a href="#">Datalogic QuickScan™ 2500 Family Product Reference Guide</a></p> <p>This comprehensive guide provides detailed information on the Datalogic QuickScan™ 2500 Family of handheld area imager bar code readers, covering setup, configuration, technical specifications, and operational features for various models.</p>
	<p><a href="#">Datalogic QuickScan Mobile General Purpose Handheld Linear Imager Bar Code Reader - Quick Reference Guide</a></p> <p>This Quick Reference Guide provides essential information for setting up, using, and troubleshooting the Datalogic QuickScan Mobile handheld linear imager barcode reader with STAR Cordless System. It covers installation, connections, interface selection, configuration, technical specifications, compliance, warranty, and support.</p>
	<p><a href="#">Datalogic QuickScan Lite QW2400 Product Reference Guide</a></p> <p>This Product Reference Guide provides comprehensive technical details and operational instructions for the Datalogic QuickScan Lite QW2400 corded handheld area imager bar code reader. It covers setup, configuration, interface options, and symbology support.</p>
	<p><a href="#">Datalogic Custom Prefix and Suffix Instructions for Barcode Scanners</a></p> <p>Instructions for programming custom prefixes and suffixes for Datalogic barcode scanners, including Gryphon, PowerScan, and QuickScan models. Details ASCII character mapping and HEX value codes.</p>



[Datalogic Gryphon I GD4500 Product Reference Guide](#)

Comprehensive guide to the Datalogic Gryphon I GD4500 handheld area imager barcode reader, covering setup, configuration, features, and technical specifications.



[Datalogic Memor K Quick Start Guide: Setup and Operation](#)

Quick start guide for the Datalogic Memor K mobile computer. Learn how to unbox, install the battery, charge the device, power it on/off, use the scanner, and install an SD card. Includes device overview and support information.