

Datalogic HD3130

Datalogic Heron HD3130 1D USB Kit Barcode Scanner User Manual

Model: HD3130

INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your Datalogic Heron HD3130 1D USB Kit Barcode Scanner. Please read this manual thoroughly before using the device to ensure optimal performance and safety.

The Datalogic Heron HD3130 is a handheld linear imager designed for point-of-sale applications, offering reliable 1D barcode scanning capabilities with a USB interface for easy connectivity.

PRODUCT OVERVIEW

The Heron HD3130 features a sleek design and advanced technology for efficient barcode reading. Key components include the scanning window, trigger button, and USB cable for host connection.



Figure 1: Datalogic Heron HD3130 1D USB Kit Barcode Scanner. This image shows the front view of the scanner, highlighting its ergonomic design and scanning window.

SETUP

Follow these steps to set up your Datalogic Heron HD3130 barcode scanner:

1. **Unpack the Scanner:** Carefully remove the scanner and its accessories from the packaging. Verify that all components are present: the Heron HD3130 scanner and the USB cable.
2. **Connect the USB Cable:**
 - Locate the USB port on the scanner (typically at the base).
 - Insert the smaller end of the USB cable into the scanner's port.
 - Insert the larger end of the USB cable into an available USB port on your host device (Desktop or Laptop).

The scanner will typically power on automatically and the host device will detect it as a standard HID keyboard device, requiring no additional driver installation for basic operation.
3. **Initial Test:** Open a text editor (e.g., Notepad, Word) or any application that accepts keyboard input. Scan a known 1D barcode. The barcode data should appear in the text editor.

OPERATING INSTRUCTIONS

The Datalogic Heron HD3130 is designed for ease of use in both handheld and hands-free modes.

Handheld Operation

1. **Hold the Scanner:** Grip the scanner comfortably in your hand.
2. **Aim at Barcode:** Point the scanning window towards the 1D barcode you wish to read. Ensure the entire barcode is within the scanner's field of view.
3. **Press the Trigger:** Press and hold the trigger button. A red aiming line will project from the scanner. Align this line across the barcode.
4. **Confirm Read:** Upon a successful read, the scanner will emit an audible beep and the patented Datalogic 'Green Spot' technology will project a green light onto the barcode, indicating a good read. The data will be transmitted to your host device.

Hands-Free Operation (Automatic Switching)

The Heron HD3130 supports automatic switching between handheld and hands-free operation when placed in its stand (if applicable, stand not included in this kit but functionality is supported by the scanner). When placed in a stand, the scanner can detect objects in its field of view and automatically activate scanning without pressing the trigger.

For specific configuration options, refer to the comprehensive programming manual available on the Datalogic website.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Datalogic Heron HD3130 scanner.

Cleaning

- **Scanning Window:** Use a soft, clean, lint-free cloth dampened with a mild, non-abrasive cleaner (e.g., isopropyl alcohol or glass cleaner) to gently wipe the scanning window. Avoid harsh chemicals or abrasive materials that could scratch the surface.
- **Housing:** Clean the exterior housing with a soft, damp cloth. Do not immerse the scanner in any liquid.

- **Cable:** Inspect the USB cable periodically for any signs of damage, fraying, or kinks. Replace if necessary.

Storage

When not in use, store the scanner in a clean, dry environment, away from extreme temperatures, direct sunlight, and corrosive materials.

TROUBLESHOOTING

If you encounter issues with your Datalogic Heron HD3130, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Scanner does not power on.	USB cable not properly connected or host USB port is faulty.	Ensure the USB cable is securely connected to both the scanner and the host device. Try a different USB port or host device.
Scanner powers on but does not read barcodes.	Barcode is damaged, poorly printed, or not a 1D barcode. Scanner is not configured for the barcode type. Scanning window is dirty.	Ensure the barcode is clear and readable. Verify it is a 1D barcode. Clean the scanning window. Refer to the programming manual to enable specific barcode symbologies if needed.
Barcode data is incorrect or incomplete.	Incorrect scanner configuration (e.g., prefix/suffix settings, data formatting).	Consult the Datalogic programming manual for advanced configuration options to adjust data formatting.
Scanner beeps but no data appears on host.	Host application not in focus or not accepting input. USB connection issue.	Ensure the cursor is in the desired input field of your application. Reconnect the USB cable. Restart the host device.

SPECIFICATIONS

Key technical specifications for the Datalogic Heron HD3130 1D USB Kit Barcode Scanner:

- **Model Number:** HD3130-BKK1B
- **Barcode Dimension:** 1D
- **Host Interface:** USB
- **Image Sensor:** CCD
- **Scan Speed:** 270 scans/second
- **Connectivity Technology:** USB Cable
- **Compatible Devices:** Desktop, Laptop
- **Power Source:** Corded Electric (via USB)
- **Color:** Black
- **Item Weight:** Approximately 11.02 pounds (packaging included)
- **Manufacturer:** Datalogic

- **ASIN:** B01BNH1Z0M

WARRANTY INFORMATION

For detailed warranty information regarding your Datalogic Heron HD3130 barcode scanner, please refer to the warranty card included with your product or visit the official Datalogic website. Warranty terms and conditions may vary by region and purchase date.

CUSTOMER SUPPORT

If you require further assistance or have questions not covered in this manual, please contact Datalogic customer support:

- **Website:** Visit the official Datalogic website for support resources, FAQs, and contact information.
- **Technical Support:** Contact Datalogic technical support for assistance with product issues or advanced configurations.

Please have your product model number (HD3130) and serial number ready when contacting support.