Digitus DA-81001

DIGITUS 1D Barcode Scanner (Model DA-81001) User Manual

Your guide to setup, operation, and maintenance

1. PRODUCT OVERVIEW

The Digitus 1D barcode scanner is designed for reliable and efficient barcode reading. Its ergonomic design ensures comfortable handling, making it suitable for various work environments such as retail, logistics, and commercial applications. The scanner performs 200 scans per minute and supports bi-directional scanning for optimal results. It is capable of reading high-resolution barcodes with up to 90 characters. Each successful scan is confirmed by both visual and acoustic signals. The device is built to be dust-proof and water-resistant (IP54), and its silicone case provides shock absorption to protect against damage.

Key Features:

- Precise scanning of 1D barcodes.
- High-resolution scanning capability.
- 200 scans per minute, bi-directional operation.
- Supports barcodes up to 90 characters.
- Dust-proof and water-resistant (IP54) design.

2. SETUP GUIDE

Follow these steps to set up your DIGITUS 1D Barcode Scanner:

1. **Unpack the Scanner:** Carefully remove the barcode scanner and its USB RJ45 cable from the packaging.

2. **Connect the Cable:** Insert the RJ45 end of the cable into the port at the base of the scanner handle. Ensure it clicks securely into place.

3. **Connect to Computer:** Plug the USB-A end of the cable into an available USB port on your computer or host device.

4. **Driver Installation:** The scanner is typically plug-and-play (HID device) and should be recognized automatically by most operating systems without requiring additional driver installation. Wait for your system to confirm the device is ready for use.

5. **Initial Test:** Open a text editor or a compatible application on your computer and scan a test barcode to confirm proper functionality.

Image: Bottom view of the scanner, highlighting the RJ45 port for cable connection.

3. Operating Instructions

To operate your DIGITUS 1D Barcode Scanner:

1. **Hold the Scanner:** Grip the scanner comfortably in your hand. The trigger button is located on the top of the handle.

2. **Aim at Barcode:** Point the scanner's reading window towards the barcode you wish to scan. Ensure the red laser line covers the entire barcode.

3. **Press the Trigger:** Press and hold the trigger button. The scanner will emit a red laser line.

4. **Scan Confirmation:** Upon a successful scan, the scanner will emit an audible beep and a visual indicator (e.g., an LED light) will flash. The barcode data will be transmitted to your connected computer as if typed from a keyboard.

5. **Bi-directional Scanning:** The scanner supports bi-directional scanning, meaning it can read barcodes regardless of the orientation of the scanner relative to the barcode.

6. **Scanning Distance:** Maintain an appropriate distance from the barcode, typically a few centimeters, for optimal reading performance.

Image: User holding the scanner and aiming at a barcode on a package.

4. MAINTENANCE AND CARE

Proper maintenance ensures the longevity and performance of your scanner:

- **Cleaning:** The scanner is dust-proof and water-resistant (IP54). To clean the exterior, use a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the scanning window is kept clean and free of smudges or debris for accurate reading.
- **Cable Care:** Avoid bending or twisting the USB RJ45 cable excessively. Do not pull the cable to disconnect it; always grasp the plug.
- **Storage:** When not in use, store the scanner in a clean, dry environment away from extreme temperatures and direct sunlight.
- **Impact Protection:** While the silicone case provides shock absorption, avoid dropping the scanner or subjecting it to severe impacts.

5. TROUBLESHOOTING

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

- **Scanner Not Powering On:**
  - Ensure the USB cable is securely connected to both the scanner and the computer.
  - Try connecting the scanner to a different USB port on your computer.
  - Verify that your computer's USB ports are functional.
- **Scanner Not Reading Barcodes:**

- Ensure the barcode is a 1D type. This scanner does not read 2D barcodes (like QR codes).
- Check that the scanning window is clean and free from obstructions.
- Adjust the distance and angle between the scanner and the barcode.
- Ensure the barcode itself is not damaged or poorly printed.
- Confirm the scanner is properly connected and recognized by your computer.

- **No Data Transmission to Computer:**

  - After a successful scan (audible beep and visual confirmation), ensure your cursor is active in a text field or application where data input is expected.
  - Restart your computer and reconnect the scanner.
  - Check your computer's device manager to ensure the scanner is listed and has no error indicators.

6. TECHNICAL SPECIFICATIONS

Specification	Detail
Model Number	DA-81001
Product Dimensions	7.87 x 5.51 x 3.54 inches
Item Weight	3.87 ounces
Manufacturer	DIGITUS
Connectivity Technology	USB Cable (RJ45 to USB-A)
Scan Rate	200 scans per minute
Barcode Type Support	1D Barcodes (up to 90 characters)
Environmental Protection	Dust-proof and Water-resistant (IP54)
Power Source	Corded Electric (USB powered)
Compatible Devices	Computers/Host devices with USB ports

7. WARRANTY AND SUPPORT INFORMATION

For warranty details and technical support, please refer to the documentation included with your product or visit the official Digitus website. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase. Keep your proof of purchase for warranty claims.

For further assistance, contact Digitus customer support through their official channels.