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Acouto SCD33A

Acouto Wired QR Reader USB Scanner SCD33A User Manual

Model: SCD33A

1. Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your Acouto Wired QR Reader USB Scanner, model SCD33A. Please read this manual thoroughly before using the device to ensure optimal performance and safety.

2. Safety Information

- Ensure the operating voltage meets the technical requirements specified in this manual.
- Do not shine the scanner's light directly into eyes during operation.
- Keep the device away from water and excessive moisture.
- Avoid dropping or subjecting the device to strong impacts.

3. Product Overview

The Acouto SCD33A is a compact, wired QR and 2D barcode reader designed for fast and efficient scanning in various commercial environments. Its optimized scanning angle and window design facilitate quick and intuitive code detection.



Figure 3.1: Front view of the Acouto SCD33A QR Reader with its integrated USB cable.



Figure 3.2: Side profile of the Acouto SCD33A, highlighting its compact design.



Figure 3.3: Bottom view of the scanner, showing the product label and anti-slip pads.

4. Setup

The Acouto SCD33A QR Reader is designed for simple plug-and-play installation.

1. **Unpack the Device:** Carefully remove the scanner and its USB cable from the packaging.
2. **Connect to Power/Data:** Insert the USB connector of the scanner into an available USB port on your computer or point-of-sale system. The device will typically be recognized automatically by the operating system.
3. **Driver Installation (if necessary):** In most cases, no additional drivers are required. If your system does not automatically recognize the device, consult your operating system's documentation or Acouto support for driver installation instructions.



Figure 4.1: Rear view of the scanner, illustrating the USB cable connection point.

5. Operating Instructions

The SCD33A scanner supports automatic detection and fast scanning of both one-dimensional (1D) and two-dimensional (2D) codes, including QR codes.

1. **Placement:** Position the scanner on a stable surface where the scanning window is easily accessible for items or mobile devices.
2. **Scanning a Code:** Present the barcode or QR code to the scanning window. The scanner will automatically detect and read the code. A successful scan is typically indicated by an audible beep and/or a visual confirmation (e.g., LED indicator).
3. **Optimizing Scan Performance:** For best results, ensure the code is flat and well-lit. Avoid glare on the code. The scanner's optimized scanning angle is designed for convenience.
4. **Continuous Scanning:** The device supports continuous reading with automatic detection. You can set scanning intervals if required by your application software.



Figure 5.1: The QR reader in operation, facilitating a mobile payment transaction.

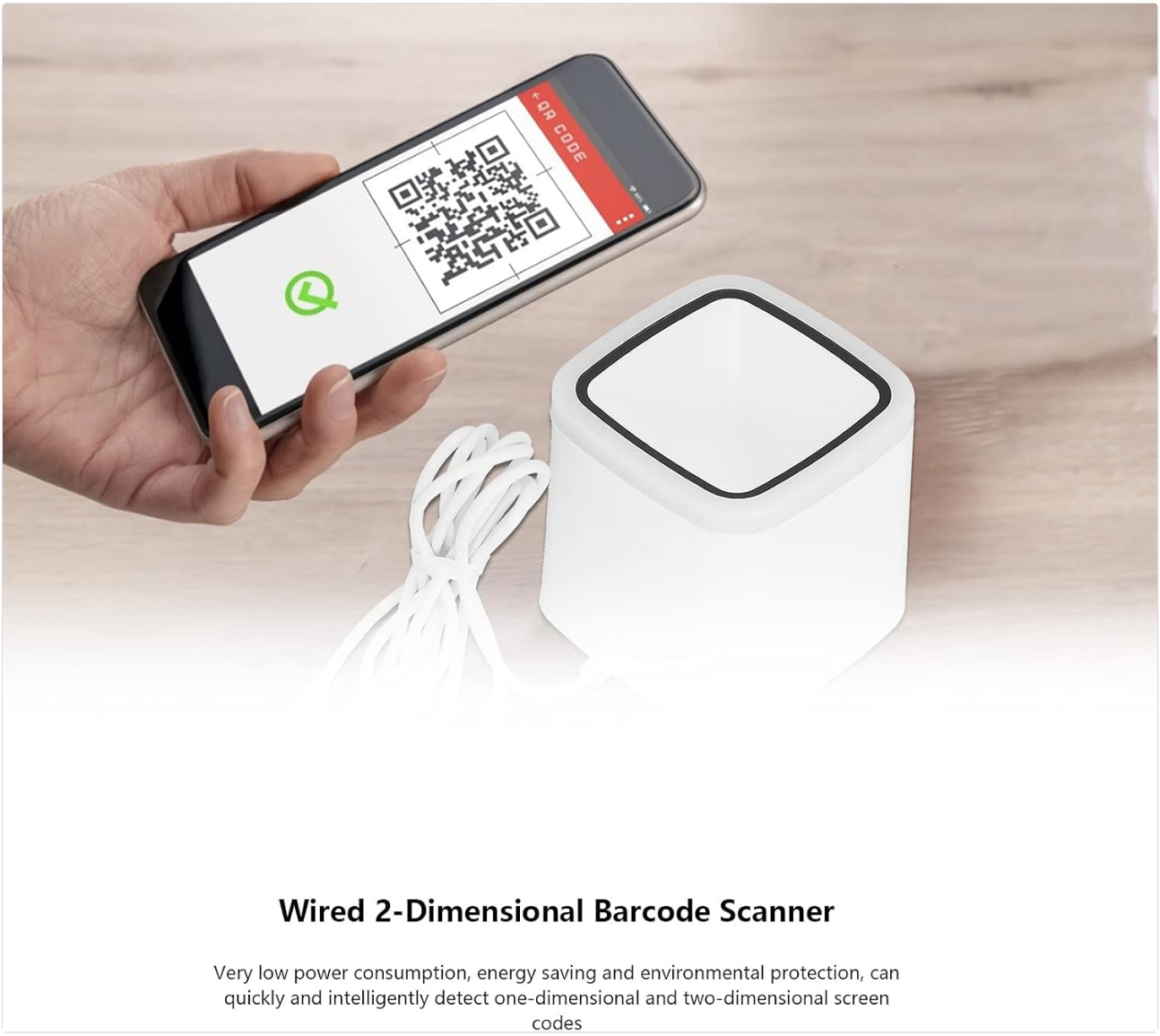


Figure 5.2: Demonstrating the scanner's ability to read QR codes directly from a smartphone screen.

6. Maintenance

To ensure the longevity and optimal performance of your Acouto SCD33A scanner, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the scanner. For the scanning window, use a soft, lint-free cloth lightly dampened with a non-abrasive cleaner suitable for optics. Do not spray cleaner directly onto the device.
- **Storage:** When not in use, store the scanner in a clean, dry environment, away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid bending or twisting the USB cable excessively. Do not pull the cable to disconnect the device; always grasp the USB plug.

7. Troubleshooting

If you encounter issues with your Acouto SCD33A scanner, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

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 computer. Try a different USB port or computer.
Scanner does not read codes.	Code is damaged, poorly printed, or not properly presented. Scanning window is dirty.	Ensure the code is clear and flat. Clean the scanning window with a soft cloth. Adjust the distance and angle of the code to the scanner.
No data output after scanning.	Scanner not recognized by the system or application software issue.	Verify the scanner is recognized by your operating system (check Device Manager). Ensure your application software is configured to receive input from the scanner. Restart the computer.

8. Specifications

Feature	Specification
Item Type	Wired QR Code Reader
Model Number	SCD33A (Internal SKU: Acoutolctz5svnrj)
Material	ABS
Interface Type	USB
Working Voltage	DC 5V±10%
Working Current	127.5mA
Standby Current	82.5mA
Working Temperature	-20°C to +50°C
Storage Temperature	-20°C to +70°C
Package Dimensions	5.12 x 4.72 x 4.72 inches
Item Weight	9.9 ounces
Manufacturer	Acouto

9. Warranty Information

Please refer to the warranty card included with your product or contact Acouto customer support for detailed warranty terms and conditions. Keep your purchase receipt as proof of purchase for warranty claims.

10. Support

For technical assistance, troubleshooting beyond this manual, or general inquiries, please contact Acouto customer support. Refer to the product packaging or the official Acouto website for the most current contact

information.

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