Argox AS-8250U

Argox AS-8250U Barcode Scanner User Manual

Model: AS-8250U

1. INTRODUCTION

This manual provides essential instructions for the proper setup, operation, and maintenance of your Argox AS-8250U Barcode Scanner. The AS-8250U is a long-range scanner designed for various applications, including retail, inventory management, invoicing, and factory receiving. It offers fast and accurate reading of PDF codes, Code 16K, and all standard linear symbologies.

2. SAFETY INFORMATION

- Do not expose the scanner to extreme temperatures, humidity, or direct sunlight.
- Avoid dropping the scanner or subjecting it to severe impacts.
- Do not attempt to disassemble or modify the scanner. This will void the warranty.
- Keep the scanning window clean to ensure optimal performance.
- Use only the provided or recommended power source and cables.

3. PACKAGE CONTENTS

Please check the box for the following items:

- Argox AS-8250U Barcode Scanner
- USB Interface Cable (or other specified interface cable)
- User Manual (this document)

4. PRODUCT OVERVIEW

The Argox AS-8250U is a handheld barcode scanner designed for ergonomic use and efficient data capture.

Figure 1: Front-side view of the Argox AS-8250U Barcode Scanner. This image shows the scanner's ergonomic design, scanning window, and trigger button.

Key Components:

- **Scanning Window:** Emits and receives the laser beam for barcode reading.
- **Trigger Button:** Activates the scanning process.
- **Indicator Light:** Provides feedback on scanning status (e.g., successful read).
- **Interface Port:** Connects the scanner to the host device via USB, RS-232, or Keyboard Wedge (KBW).

5. SETUP

5.1 Connecting the Scanner

1. **Identify Interface:** Determine the interface type required by your host system (USB, RS-232, or Keyboard Wedge). The AS-8250U supports all popular interfaces.
2. **Connect Cable:** Plug one end of the interface cable into the scanner's interface port.
3. **Connect to Host:** Plug the other end of the interface cable into the corresponding port on your computer or POS system.
    - **USB:** Connect to an available USB port. The scanner is typically plug-and-play, and Windows will automatically install necessary drivers.
    - **RS-232:** Connect to a serial port. You may need to configure serial port settings on your host system.
    - **Keyboard Wedge (KBW):** Connect between your keyboard and the computer's keyboard port.
4. **Power On:** Once connected, the scanner should power on automatically. The indicator light may illuminate briefly.

5.2 Driver Installation (for USB)

For USB connections, the Argox AS-8250U is designed for plug-and-play functionality with Windows operating systems. Typically, no manual driver installation is required. Upon connecting the scanner to a USB port, your operating system should automatically detect and install the necessary drivers. If prompted, follow the on-screen instructions. A Windows utility is included for advanced configuration if needed.

6. OPERATING THE SCANNER

6.1 Basic Scanning Procedure

1. **Prepare for Scan:** Ensure the scanner is connected and powered on. Open an application on your host system where you want the barcode data to appear (e.g., a text editor, spreadsheet, or POS software).
2. **Aim the Scanner:** Point the scanning window of the AS-8250U at the barcode you wish to read. The optimal scanning distance ranges from contact up to 250mm, depending on the barcode density.
3. **Press Trigger:** Press and hold the trigger button. A red laser line will emit from the scanning window.
4. **Scan the Barcode:** Position the laser line across the entire barcode. Once a successful read occurs, the scanner will typically emit an audible beep and/or the indicator light will flash. The barcode data will then be transmitted to your host system.
5. **Release Trigger:** Release the trigger button after a successful scan.

6.2 Supported Barcode Symbologies

The AS-8250U is capable of reading a wide range of barcode types, including:

- PDF codes
- Code 16K
- All standard linear (1D) symbologies (e.g., UPC/EAN/JAN, Code 39, Code 128, Interleaved 2 of 5, Codabar, etc.)

7. MAINTENANCE

7.1 Cleaning the Scanner

- **Scanning Window:** Use a soft, lint-free cloth dampened with a mild, non-abrasive cleaner (e.g., glass cleaner) to gently wipe the scanning window. Avoid harsh chemicals or abrasive materials that could scratch the surface.
- **Exterior Casing:** Wipe the exterior of the scanner with a soft, damp cloth. Do not allow liquids to enter the scanner's internal components.
- **Cables:** Inspect cables regularly for any signs of damage.

7.2 Storage

When not in use, store the scanner in a clean, dry environment, away from direct sunlight and extreme temperatures. Protect it from dust and physical damage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scanner does not power on.	Cable not properly connected or damaged.	Check cable connections at both the scanner and the host device. Try a different USB port or cable if available.
Scanner does not read barcodes.	Barcode damaged or poorly printed. Scanning window is dirty. Incorrect scanning angle or distance. Unsupported barcode symbology.	Try scanning a different, known-good barcode. Clean the scanning window (refer to Section 7.1). Adjust the angle and distance to the barcode. Ensure the laser line covers the entire barcode. Verify the barcode type is supported by the AS-8250U.
Barcode data is incorrect or incomplete.	Partial scan. Host application issue.	Ensure the entire barcode is covered by the laser line during scanning. Test with a simple text editor to rule out issues with your specific application.
No data transmitted to host.	Incorrect interface configuration. Driver issue (for USB).	Ensure the scanner is configured for the correct interface (USB, RS-232, KBW). For USB, verify drivers are installed correctly in Device Manager. Reconnect the scanner or restart the computer if necessary.

9. SPECIFICATIONS

Feature	Detail
Brand	Argox
Model	AS-8250U
Manufacturer	Argox Information Co., Ltd, Taiwan
Connectivity Technology	USB Cable (also supports RS-232, KBW)
Scan Rate	200 scans per second
Working Range	Contact to 250mm on medium density barcodes
Supported Symbologies	PDF codes, Code 16K, all standard linear (1D) symbologies
Operating System Compatibility	Windows
Compatible Devices	Desktop, Laptop
Power Source	Corded Electric
Item Weight	420 g
Package Dimensions	22.8 x 11.8 x 11 cm

10. WARRANTY AND SUPPORT
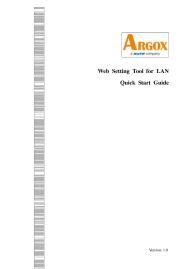
For warranty information and technical support, please refer to the warranty card included with your product or visit the official Argox website. Keep your purchase receipt as proof of purchase for warranty claims.

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

Related Documents - AS-8250U

AP-9800
User Guide

[Argox AP-9800 User Guide: Barcode Scanner Setup and Configuration](#)
Comprehensive user guide for the Argox AP-9800 barcode scanner, covering setup, features, interface options, symbology settings, and maintenance. Learn to optimize your scanning experience with detailed instructions and configuration barcodes.

	[Argox AS-9400BT Quick Start Guide: Bluetooth Barcode Scanner Setup](#) Discover how to easily connect your Argox AS-9400BT Bluetooth barcode scanner to Android, iOS, and Windows devices. This guide covers pairing, connection modes, and essential configuration steps for seamless operation.
	[Argox AS-9300 User Manual: Configuration and Operation Guide](#) This user manual provides detailed instructions for configuring and operating the Argox AS-9300 barcode scanner, covering connection, interface modes, various barcode symbology settings, and safety precautions.
	[Argox AS-9400 Barcode Scanner Quick Start Guide](#) Concise guide for setting up and configuring the Argox AS-9400 barcode scanner. Covers default recall, USB interface settings, reading modes, suffix configurations, and compliance information regarding restricted substances.
	[Argox iX4 Series Industrial Barcode Printer Brochure](#) Explore the features, applications, and detailed specifications of the Argox iX4 series of lightweight industrial barcode printers. Designed for efficiency and cost-effectiveness.
	[Argox Web Setting Tool for LAN Quick Start Guide](#) A quick start guide for configuring Argox serial printers using the Web Setting Tool for LAN connections. Learn how to connect your printer, obtain its IP address, and log in to the web interface for settings management.

Documents - Argox – AS-8250U

Product categories

! ADSL / Fibre / LTE	Appliances	Audio / Music / Speakers
Batteries & Chargers	Binoculars, Fieldscopes & Rangefinders	Bluetooth
Cables & connectors	Calculators	CD / DVD / Blu-Ray discs
Cell Phones / Smart Phones	Computer Accessories for branded PCs	Computer Chassis
Computers - barebone / accessories	Computers - built	Digital cameras
Digital notepads	Digital projectors	Displays
Drives	Electronic White Boards	Electronics
Fans / Cooling / Lights / Mods	Gadgets & Toys	Gaming & GAMES
Glasses / eyeware	GPS	Graphics cards
HDMI Switches & Broadcasters	Health and safety [COVID-19 specific]	Home Automation / Smart home
Input devices	KVM switches & cables	Laptops
LED Lights / eco lighting	Media centres / Movie boxes / MP4 DivX	Memory
Modems	Monitors	Motherboards : AMD
Motherboards : Intel	Multi-I/O add-on cards	Network
Notebook accessories	Notebook bags / carry bags	Notebook Spare Parts
Notebooks	Office furniture & supplies	Photo frames
Point of sale	Printers, Copiers & Fax Machines	Processors - AMD
Processors - Intel	Projectors	Refurbished products
Scanners	Screens	Security cameras
Security products	Servers	Software
Solar Power	Tablet PCs & e-book Readers	Telephones
Thunderbolt expansion	Tools - heavy duty & DIY	Tools Kits & tools
TV - LED - LCD - Plasma televisions	UPS / Voltage regulators / Generators	USB
Video / BluRay / DVD standalone	Video Cameras	Warranties & Licenses
Web cams	Wireless hardware	

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