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› ASHATA USB Barcode Scanner Instruction Manual

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Model: USB Barcode Scanner

1. INTRODUCTION

The ASHATA USB Barcode Scanner is an omnidirectional desktop device designed for efficient 1D and 2D (QR) code reading. It is suitable for various environments such as supermarkets, retail stores, and banks, providing fast and accurate scanning capabilities for both printed labels and digital displays.

Key Features:

- **High-Performance Scanning:** Equipped with advanced decoding technology for superior scanning performance.
- **Soft LED Illumination:** Features an LED light for gentle illumination, designed to reduce eye strain during prolonged use.
- **Multi-Feedback System:** Provides user feedback through both a buzzer and LED indicator lights.
- **Durable Construction:** Built with a sturdy ABS structure, IP42 rated, capable of withstanding drops from up to 1.5 meters.
- **Versatile Connectivity:** Supports USB and RS232 interfaces for broad compatibility with various systems.

2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- 1 x Barcode Scanning Platform
- 1 x User Manual



Image: The ASHATA USB Barcode Scanner shown alongside its included user manual.

3. SETUP

Follow these steps to set up your ASHATA USB Barcode Scanner:

1. **Connect the USB Cable:** Locate the USB cable attached to the barcode scanner.
2. **Plug into Device:** Connect the USB cable to an available USB port on your computer, POS system, or other compatible device.
3. **Automatic Recognition:** The scanner is designed for plug-and-play operation. Your operating system (Linux, Android, Windows 7/8/10) should automatically detect and install the necessary drivers. No additional driver installation is typically required.
4. **Placement:** Place the omnidirectional scanner on a stable, flat surface such as a desk or counter. The anti-slip base ensures stability during use.

Multi-System Compatibility, Plug And Play

USB data cable, plug to use

No driver required, convenient and fast



Image: The ASHATA USB Barcode Scanner integrated with a point-of-sale (POS) system, demonstrating multi-system compatibility and plug-and-play functionality.

4. OPERATING INSTRUCTIONS

Scanning Barcodes:

The ASHATA USB Barcode Scanner is designed for hands-free operation, allowing you to simply present items to the scanning window.

1. **Position Item:** Hold the item with the barcode facing the scanner's window.
2. **Automatic Scanning:** The scanner will automatically detect and read the barcode. A successful scan is indicated by a beep from the buzzer and a flash of the LED indicator lights.
3. **Supported Barcodes:** The scanner can read 1D and 2D/QR codes from various surfaces, including labels, paper, and digital displays (mobile phones, computer screens). It can also scan damaged or distorted barcodes.

No Hands Need, Easy Bar Code Scanning

Fast Recognition

Universal scanning,
recognizes multiple mainstream bar codes



Image: The ASHATA USB Barcode Scanner positioned on a desk, ready for hands-free scanning of a barcode displayed on a smartphone screen.

Intelligent Sensing and Trigger Modes:

The scanner features intelligent sensing for power efficiency and ease of use.

- **Induction Mode:** The scanner automatically activates when a barcode is presented to its window.
- **Continuous Mode:** The scanner remains continuously active, ready to scan.
- **Instruction Mode:** Specific instructions or configuration barcodes can be scanned to change settings.
- **Automatic Sleep Mode:** Upon a period of inactivity, the scanner enters an automatic sleep mode to conserve power. It will automatically wake up when a barcode is detected.

Intelligent Sensing Code Scanning

Automatic sleep mode upon inactivity, saving power and providing peace of mind. Smart wake-up upon scanning



Image: A visual representation of the ASHATA USB Barcode Scanner's intelligent sensing capabilities, illustrating automatic QR code scanning and its power-saving sleep mode during inactivity.



Image: A close-up view of the ASHATA USB Barcode Scanner with its red scanning light active, indicating it is in operation.

5. SPECIFICATIONS

Feature	Description
Item Type	1D/2D Barcode Scanner Platform
Light Source Type	625nm LED Supplementary Light
Decoding Capability	QRCode, PDF417, MaxiCode, Aztec, DataMatrix(ECC200), Micro QR, Hanxin Code, Micro PDF417, EAN13, EAN8, UPC-A, UPC-E, Code128, Code39, Code93, CodaBar, Interleaved 2 of 5, Industrial 25, Codel1MSIPlessey, Standard 2 of 5, Plessey, ChinaPost 25, etc.
Scanning Principle	Image CMOS
Trigger Mode	Induction Mode / Continuous Mode / Instruction Mode

Scanning Angle	Tilt Angle 65°, Rotate Angle 360°, Skew Angle 75°
Scanning Accuracy	>4.5mil
Reading Depth of Field	5mil (Code39) 2cm-13cm, UPC-13mil 2cm-28cm, 20mil (Code39) 2cm-35cm, 20mil QR Code 2cm-24cm
Cable Length	1.5m / 4.92ft
Compatibility	For Linux, for Android, for Windows 7/8/10
Product Size	13.6 x 8.3 x 8 cm / 5.35 x 3.27 x 3.15 in
Product Weight	224g / 7.9oz



Image: A diagram illustrating the dimensions of the ASHATA USB Barcode Scanner: 13.6cm (5.35in) height, 8.3cm (3.27in) width, and 8cm (3.15in) depth.

6. TROUBLESHOOTING

If you encounter issues with your barcode scanner, please refer to the following common troubleshooting

steps:

- **Scanner Not Responding:**

- Ensure the USB cable is securely connected to both the scanner and the host device.
- Try connecting the scanner to a different USB port on your device.
- Restart your computer or POS system.

- **Unable to Read Barcodes:**

- Ensure the barcode is clean, undamaged, and clearly visible.
- Adjust the distance and angle between the barcode and the scanner window.
- Verify that the barcode type is supported by the scanner (refer to Decoding Capability in Specifications).
- Check if the scanner is in sleep mode; present a barcode to wake it up.

- **No Buzzer Sound or LED Feedback:**

- Confirm the scanner is powered on and connected.
- If the scanner is working but without sound, check if the buzzer has been disabled via a configuration barcode (refer to advanced settings in the full user manual if available).

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your ASHATA USB Barcode Scanner:

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the scanner's exterior and scanning window. Do not use abrasive cleaners, solvents, or excessive moisture, as these can damage the device.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** While the scanner is designed to be durable, avoid dropping it or subjecting it to harsh impacts to prevent internal damage.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the documentation provided with your purchase or contact ASHATA customer support through their official channels. Keep your purchase receipt as proof of purchase for warranty claims.