Eyoyo EY-034Y

Eyoyo EY-034Y 2D USB Wired Barcode Scanner Instruction Manual

Model: EY-034Y

Brand: Eyoyo

1. PRODUCT OVERVIEW

The Eyoyo EY-034Y is a high-performance 2D USB wired barcode scanner designed for efficient and accurate data capture. It supports a wide range of 1D and 2D barcodes, including QR codes, from both printed labels and digital screens. Its plug-and-play design ensures easy integration with various computer systems.
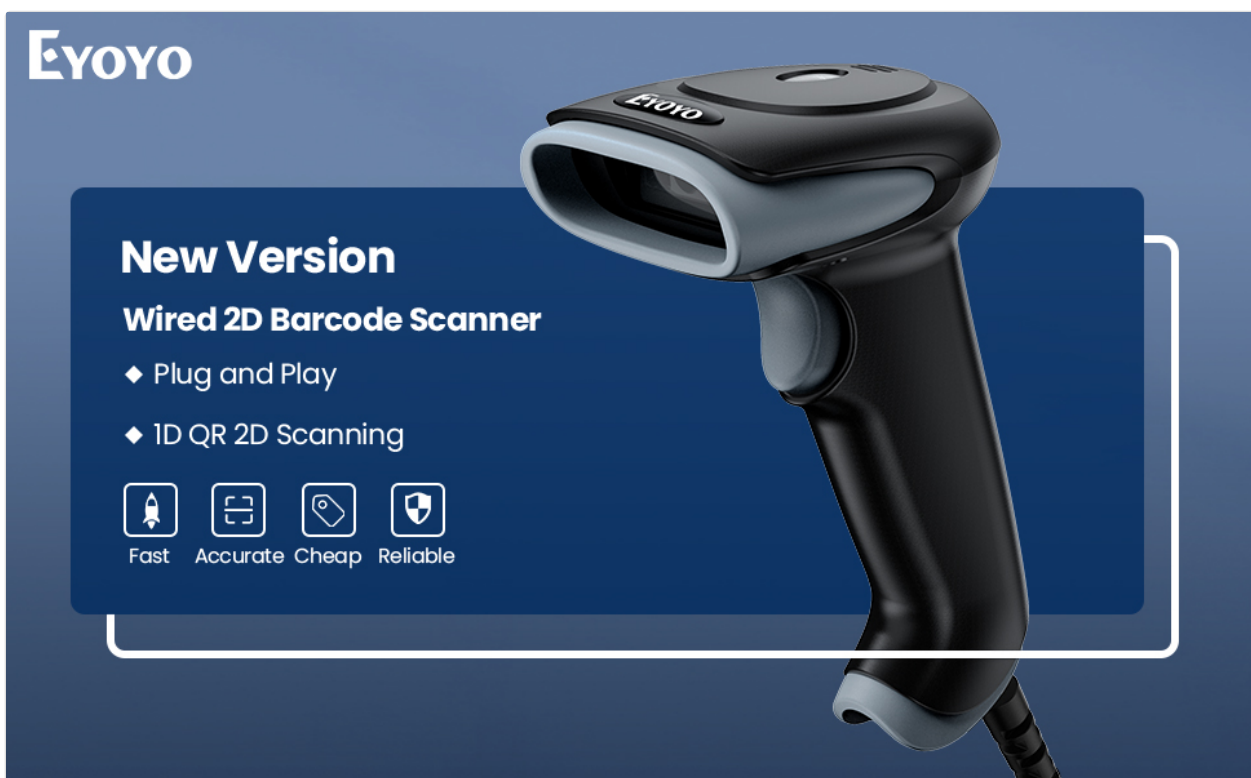

Figure 1: Eyoyo EY-034Y Wired 2D Barcode Scanner, highlighting its plug-and-play functionality and 1D/2D scanning capabilities.

2. SETUP AND INSTALLATION

The Eyoyo EY-034Y barcode scanner features a simple plug-and-play design, requiring no driver installation for most operating systems.

2.1 Connecting the Scanner

1. Connect the USB cable from the scanner directly to an available USB port on your computer (desktop, laptop, or POS system).

2. The scanner will automatically be recognized by your operating system (Windows XP/7/8/10, Mac OS, Linux).

3. No additional software or drivers are typically required.

Figure 2: The Eyoyo EY-034Y scanner connected via USB to a laptop, illustrating its compatibility with various operating systems and devices.

2.2 Package Contents

- Eyoyo EY-034Y 2D USB Wired Barcode Scanner
- USB Cable
- User Manual

Estudio Antichoque& Configuración Personalizada

Añadir prefijo

A B C 1 2 3 4 5 6 7 8 9

Añadir sufijo

1 2 3 4 5 6 7 8 9 A B C

Apagar

LoW

Medio

Alto

Vibración activada

Vibración desactivada

Figure 3: Contents of the Eyoyo EY-034Y package, including the scanner, USB cable, and user manual.

3. OPERATING INSTRUCTIONS

The scanner offers versatile scanning capabilities and modes to suit different operational needs.

3.1 Scanning Modes

The EY-034Y supports two primary scanning modes:

- **Manual Trigger Mode:** Press the trigger button to activate the scan beam and read a barcode.
- **Auto-Sensing Mode:** The scanner automatically detects a barcode placed within its scanning field and reads it without requiring a trigger press.

Figure 4: Illustration of the two scanning modes: manual trigger and auto-sensing, demonstrating their use in a retail environment.

3.2 Barcode Compatibility

The scanner is capable of reading a wide array of 1D and 2D barcodes, including:

- **1D Barcodes:** UPC-A, UPC-E, EAN-8, EAN-13, ISBN, ISSN, Code 128, GS1-128 (UCC/EAN 128), MSI Plessey, GS1 DataBar 14 (RSS-14), GS1 DataBar Limited (RSS-Limited).
- **2D Barcodes:** QR Code, Micro PDF 417, Aztec.

It can efficiently capture codes printed on paper, film, or displayed on screens (e.g., mobile coupons, online tickets, digital loyalty cards).

Figure 5: The scanner demonstrating its ability to decode various 1D and 2D barcodes, including those on screens.

Figure 6: The scanner's capability to read various types of barcodes, including fine distortion, thick distortion, and disfigured QR codes.

3.3 Custom Configuration Options

The scanner supports various customizable configurations, which can typically be set by scanning specific programming barcodes found in the detailed user manual. Options include:

- Adding prefixes/suffixes to scanned data.
- Deleting characters from scanned data.
- Turning the sound (beep) on/off.
- Adding carriage return (CR), line feed (LF), or tab characters.
- Enabling or disabling specific barcode types.
- Changing character case (capital/lowercase).

Figure 7: Visual representation of adding prefixes and suffixes to scanned barcode data for customized output.

3.4 Multi-Language Keyboard Support

The EY-034Y corded scanner supports over 33 international keyboard languages, making it suitable for use in various countries including the United States, United Kingdom, Germany, Spain, France, Italy, Japan, and Sweden.

Figure 8: A keyboard layout illustrating the multi-language support of the Eyoyo EY-034Y scanner.

3.5 Continuous Usage

Designed for continuous use throughout the day, this wired scanner eliminates the need for battery charging, ensuring constant readiness for scanning tasks and reducing downtime.

Figure 9: A person using the Eyoyo EY-034Y scanner in a retail setting, emphasizing its continuous usage capability.

3.6 Applications

The Eyoyo EY-034Y is suitable for a wide range of applications, including:

- Point of Sale (POS) check-out
- Inventory management in warehouses
- Library and book tracking
- Retail stores, supermarkets, and convenience stores
- Healthcare and logistics

Figure 10: Various scenarios illustrating the wide application of the Eyoyo EY-034Y scanner in express, manufacturing, warehouse, healthcare, supermarkets, and checkout environments.

3.7 Operational Video

Your browser does not support the video tag.

Video 1: This video demonstrates the Eyoyo scanner's automatic and key trigger scanning modes, as well as its wired connection capabilities, showcasing its efficiency in a warehouse setting.

4. MAINTENANCE

The Eyoyo EY-034Y is engineered for durability, designed to withstand daily use and accidental drops.

4.1 Durability

- Built to survive multiple 5 ft (1.5m) drops to concrete.
- Ergonomic and lightweight design reduces user fatigue.

Figure 11: An image illustrating the anti-shock design of the Eyoyo EY-034Y scanner, emphasizing its robust construction.

4.2 Cleaning

To maintain optimal performance, regularly clean the scanner's window with a soft, lint-free cloth. Avoid using abrasive cleaners or solvents.

5. TROUBLESHOOTING

If you encounter issues with your Eyoyo EY-034Y scanner, consider the following:

- **No Bluetooth & 2.4G Wireless Function:** This model is a USB wired scanner only. It is not compatible with phones or tablets via Bluetooth or 2.4G wireless.
- **Not Compatible with Square POS System:** The scanner does not support the Square POS system.
- **Incorrect Output:** Ensure the scanner's keyboard language is consistent with your computer's keyboard language for correct data output. Refer to the user manual for instructions on changing keyboard language settings.
- **Scanner Not Responding:** Check the USB cable connection to ensure it is securely plugged into both the scanner and the computer. Try plugging it into a different USB port.
- **Unable to Read Barcodes:** Ensure the barcode is clean and undamaged. Adjust the distance and angle of the scanner to the barcode. Check if the specific barcode type is enabled in the scanner's configuration.

6. SPECIFICATIONS

Feature	Specification
Brand	Eyoyo
Model	EY-034Y
Connectivity Technology	USB Cable (Wired)
Compatible Devices	Desktop, Laptop, POS, PC
Operating Systems	Windows XP/7/8/10, Mac OS, Linux
Power Source	Corded Electric
Product Dimensions	11.17 x 8.11 x 22.1 cm
Item Weight	300 g
Barcode Types (1D)	UPC-A, UPC-E, EAN-8, EAN-13, ISBN, ISSN, Code 128, GS1-128, MSI Plessey, GS1 DataBar 14, GS1 DataBar Limited
Barcode Types (2D)	QR Code, Micro PDF 417, Aztec
Durability	Withstands multiple 5 ft (1.5m) drops to concrete
International Keyboards	Supports over 33 languages

7. WARRANTY AND SUPPORT

The Eyoyo EY-034Y Barcode Scanner comes with a 1-year warranty, ensuring peace of mind for your purchase.

7.1 Customer Support

For any technical assistance, troubleshooting, or warranty claims, please contact Eyoyo customer support through their official channels or the retailer where the product was purchased.