

## Eyoyo EY-032

# Eyoyo EY-032 Bluetooth 2D Wireless Back Clip Barcode Scanner Instruction Manual

Model: EY-032

## 1. INTRODUCTION

The Eyoyo EY-032 is a versatile Bluetooth 2D wireless back clip barcode scanner designed for efficient data collection. It offers multiple connection options and scanning modes, making it suitable for various applications such as inventory management, retail, and library systems. This manual provides detailed instructions for setup, operation, and maintenance of your scanner.



Image: Eyoyo EY-032 scanner highlighting its Bluetooth and 2.4G wireless connectivity, 1D+2D scanning, and multi-system support.

## 2. PRODUCT FEATURES

- **Superior 1D/2D QR Code Scanning:** Capable of scanning most 1D and 2D barcodes from both paper and digital screens,

including Code 128, EAN-8, EAN-13, UPC-A, QR Code, Data Matrix, and PDF 417.

- **Dual-Use Design:** Functions as a back-clip scanner for smartphones (4.7"-7.2") or as a standalone portable scanner.
- **Retractable Phone Clip:** Horizontal design adapts to various phone sizes and thicknesses (up to 0.5" depth for cases), made from high-toughness aviation material with anti-slip silicone to prevent damage.
- **3-in-1 Connectivity:** Supports Bluetooth, 2.4G Wireless, and USB Wired connections for compatibility with laptops, PCs, Macs, iPhones, Android devices, and tablets.
- **Unobstructed Camera & Charging:** The horizontal clip design ensures the phone's camera and charging port remain accessible.
- **Extended Battery Life:** 1200 mAh battery provides up to 10 hours of continuous scanning after a 3-hour charge. Features a physical switch button to conserve power.
- **Battery Level Indicator:** A 4-grid power level indicator allows for clear monitoring of remaining battery life.
- **Multiple Scanning Modes:** Includes Manual Trigger Mode, Continuous Scan Mode, and Auto-Sense Mode to suit different operational needs.
- **User-Friendly Customization:** Supports instant upload & storage modes, sound & vibration control, custom prefix/suffix digits, character hiding, and adding keyboard keys (TAB, CR&LF).

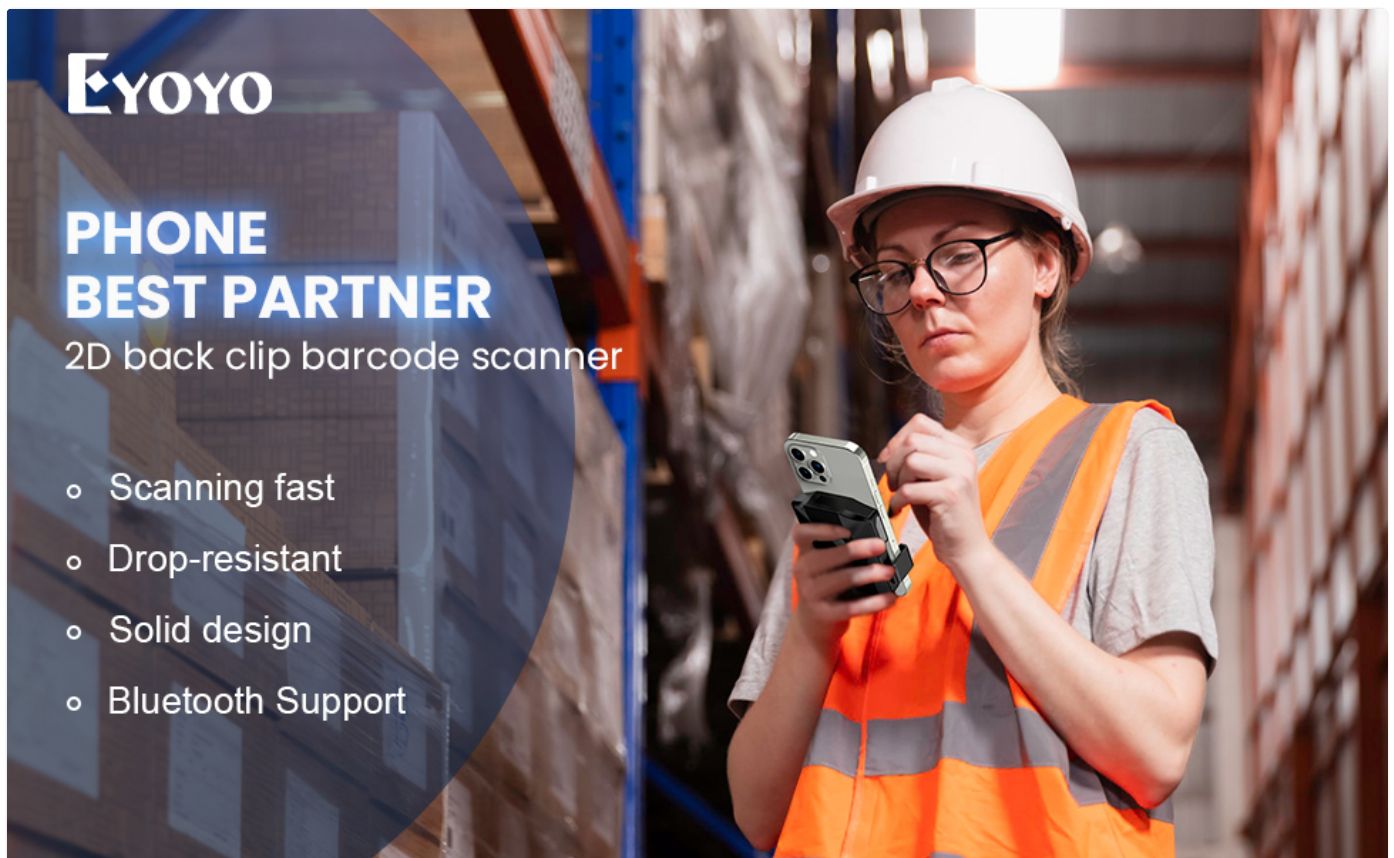


Image: The Eyoyo EY-032 scanner in use, emphasizing its robust design and efficiency for professional environments.

## 3. SETUP

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### 3.1. Installation and Removal with Phone

The EY-032 scanner is designed to clip onto your smartphone for integrated use. It supports phones with screen sizes between 4.7" and 7.2" and can accommodate phone cases up to 0.5 inches thick.

1. **Installation:** Gently expand the retractable clips and position your phone securely within the scanner's holder. Ensure the phone is centered and stable.
2. **Removal:** Carefully pull one side of the clip outwards and slide the phone out of the holder.

# STRONG COMPATIBILITY

No more worrying about it blocking the camera anywhere



Image: Universal compatibility of the scanner with different phone sizes and case thicknesses.

## 3.2. Connection Methods

The EY-032 offers three ways to connect to your device:

### Bluetooth Connection

1. Turn on the scanner using the physical switch.
2. Long press the main scanning button for 8-10 seconds until the scanner beeps, indicating it's in Bluetooth pairing mode.
3. On your smartphone or tablet, go to Bluetooth settings and search for available devices.
4. Select "EY-032" from the list to connect.

### 2.4G Wireless Connection

1. Scan the setup code for "2.4G Wireless Pairing Mode" from the manual.
2. Scan the "Match the Receiver" setup code to enter pairing state.
3. Plug the 2.4G USB Dongle Receiver into a USB port on your computer. A green light on the dongle will indicate successful pairing.

### USB Wired Connection

Connect the scanner directly to your computer using the provided USB cable. This is a plug-and-play connection, requiring no additional setup.





Image: Overview of the 3-in-1 connection methods and battery specifications.

## 4. OPERATING INSTRUCTIONS

### 4.1. Scanning Modes

The EY-032 offers three scanning modes:

- **Manual Trigger Mode:** Press the trigger button to scan each barcode. This is the default and most frequently used method.
- **Continuous Scan Mode:** The scanning light remains on, allowing you to scan barcodes without pressing the trigger button. Ideal for high-volume scanning.
- **Auto-Sense Mode:** The scanning light activates only when a barcode is detected in front of the scanning window. This mode also allows scanning without pressing the trigger button, suitable for retail or inventory.

## 3 SCANNING MODES



Image: Visual representation of the three available scanning modes.

### 4.2. Upload Modes

The scanner supports two data upload modes:

- **Instant Upload Mode:** Scanned data is immediately transmitted to the connected device.
- **Storage Mode:** Scanned data is stored in the scanner's internal memory. This is useful when the device is out of range or not connected. Data can be uploaded later by scanning a specific "Data Upload" barcode from the manual.

### 4.3. Sound and Vibration Settings

You can adjust the scanner's sound and vibration feedback by scanning specific setup codes found in the full manual. Options include Volume Off, Volume High, Volume Medium, Volume Low, Vibration On, and Vibration Off.

### 4.4. Customization Options

The EY-032 allows for various customizations:

- **Add Prefix/Suffix:** Add custom characters before or after scanned data.
- **Hide Characters:** Conceal specific characters from the beginning or end of scanned data.
- **Add Keyboard Keys:** Insert special keyboard functions like TAB or CR&LF (Carriage Return & Line Feed) after each scan.



Image: Comprehensive overview of scanner functions and settings.

## 5. SPECIFICATIONS

Feature	Specification
Brand	Eyoyo
Model	EY-032
Scan Rate	200 scans/second
Compatible Devices	iPhone, Android, Tablet (4.7"-7.2" screen size)
Power Source	Battery Powered
Battery Type	1 Lithium Polymer battery (included)
Battery Capacity	1200 mAh
Charging Time	3 hours
Working Time	10 hours (continuous)
Connector Type	Bluetooth, USB Cable

Feature	Specification
Product Dimensions	3.5 x 8 x 9 cm; 150 g
Supported Barcodes (1D)	Code128, EAN-8, EAN-13, ISBN, ISSN, UPC-E0, UPC-E1, UPC-A, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, IATA 2 of 5, Code 39, Code32, Code 39 Full ASCII, Codabar, Code 93, Code 11, MSI Plessey
Supported Barcodes (2D)	GS1 DataBar, GS1 DataBar Limited, GS1 DataBar Expanded, PDF 417, QR Code, Micro QR, Data Matrix, Micro PDF417, Aztec

## 6. TROUBLESHOOTING

- **Scanner not connecting via Bluetooth:** Ensure the scanner is in pairing mode (long press main button for 8-10 seconds) and your device's Bluetooth is enabled. Check if "EY-032" appears in your device's Bluetooth list.
- **No data transmission:** Verify the scanner is successfully paired or connected via USB. Check if the correct upload mode (Instant or Storage) is selected. If in Storage Mode, remember to scan the "Data Upload" barcode to transfer data.
- **Scanner not reading barcodes:** Ensure the barcode is clean and not damaged. Adjust the distance and angle between the scanner and the barcode. Check if the barcode type is supported by the scanner.
- **Battery not charging:** Ensure the USB cable is securely connected to both the scanner and a power source. Check if the power source is functional.
- **Scanner acting as a keyboard on iOS:** This is a known behavior for some Bluetooth HID devices. To use the on-screen keyboard, you may need to temporarily disconnect the scanner or use an application that supports external input devices.

## 7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the scanner's exterior. For the scanning window, use a lint-free cloth and a mild cleaning solution if necessary. Avoid abrasive materials or harsh chemicals.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the scanner regularly, even if not in constant use.
- **Firmware Updates:** Check the official Eyoyo website periodically for any available firmware updates to ensure optimal performance and compatibility.

## 8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your Eyoyo EY-032 barcode scanner, please refer to the official Eyoyo website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.