Eyoyo EY-017P

Eyoyo EY-017P 2D Portable Bluetooth Barcode Scanner User Manual

1. INTRODUCTION

Thank you for choosing the Eyoyo EY-017P 2D Portable Bluetooth Barcode Scanner. This device is designed to provide efficient and versatile barcode scanning capabilities, compatible with smartphones and usable as a standalone scanner. It supports a wide range of 1D and 2D barcodes, making it suitable for various applications. Please read this manual carefully to ensure proper setup, operation, and maintenance of your scanner.

2. PRODUCT FEATURES

- **Portable Clip Design:** Lightweight (90g/3.1oz) with a retractable bracket, easily attaches to mobile phones 5.4 to 6.5 inches in length. (Note: Remove phone case before installation).
- **Bluetooth Connectivity:** Seamlessly connects to smartphones, tablets, PCs, and other Bluetooth-enabled devices for real-time scanning and data transfer.
- **Advanced 1D/2D Barcode Scanning:** Equipped with a CMOS sensor, capable of reading most 1D barcodes (UPC/EAN, Code39, Interleaved 2 of 5, Code93, Code 128, Codabar) and 2D barcodes (QR, DataMatrix, PDF417, Aztec).
- **Enhanced Scanning Capability:** Supports scanning of damaged, distorted, colored, and reflective barcodes.
- **Three Scanning Buttons:** Features left, right, and middle scanning buttons for flexible and convenient operation.
- **Dual Usage Modes:** Can be used as a back-clip scanner with a phone or as a standalone Bluetooth scanner.
- **Long-lasting Battery:** Integrated 1600mAh Li-battery provides up to 7.5 hours of working time with 1.5 hours fast charging.

Newly Upgraded Eyoyo Back Clip 2D Scanner

More Powerful Scanning Technology

Stronger–Not easy to damaged

New Version
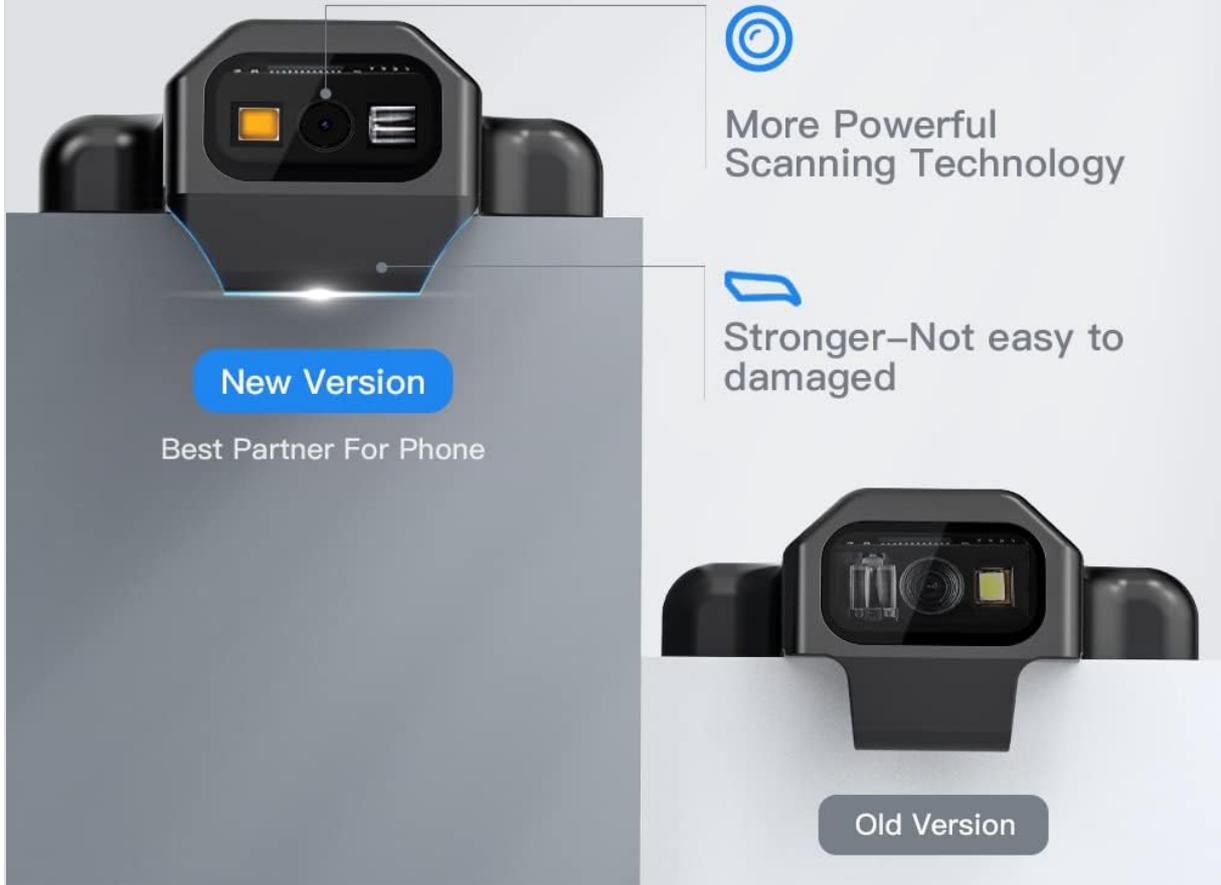
Best Partner For Phone

Old Version

Figure 1: Comparison of the newly upgraded Eyoyo EY-017P 2D scanner with an older version, highlighting improved scanning technology and durability.
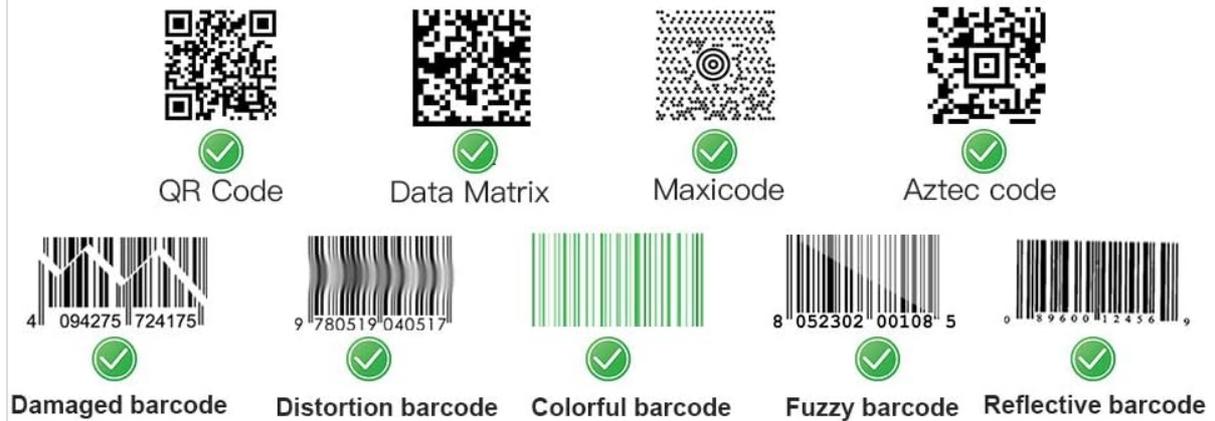
Figure 2: The scanner's ability to read various 1D and 2D barcodes, including QR Code, Data Matrix, Maxicode, Aztec code, and damaged, distorted, colorful, fuzzy, or reflective barcodes.

3. SETUP

3.1 Installing the Scanner on a Smartphone

1. Ensure your smartphone is between 5.4 and 6.5 inches in length.
2. Remove any protective case from your smartphone.
3. Align the scanner with the back of your phone.
4. Gently push the phone into the scanner's retractable clip until it is securely fastened.

3.2 Removing the Scanner from a Smartphone

1. Hold the phone and scanner firmly.
2. Pull the scanner's retractable clip downwards to release the phone.
3. Carefully slide the phone out of the clip.

Figure 3: Step-by-step guide for installing and removing the Eyoyo EY-017P scanner from a smartphone.

3.3 Bluetooth Pairing

1. Power on the Eyoyo EY-017P scanner.
2. Enable Bluetooth on your host device (smartphone, tablet, PC).
3. Search for available Bluetooth devices. The scanner should appear as "Eyoyo Barcode Scanner" or similar.
4. Select the scanner from the list to pair. A successful connection will be indicated by a specific sound or LED light on the scanner.
5. For some devices, you may need to configure the virtual keyboard settings after pairing to ensure proper data input.

4. OPERATING INSTRUCTIONS

4.1 Scanning Modes

The Eyoyo EY-017P scanner can be used in two primary modes:

- **Back-Clip Mode:** Attached to a smartphone, allowing for integrated scanning and data display on the phone screen.

- **Standalone Bluetooth Mode:** Used independently, connecting wirelessly to a host device for data transmission.

Figure 4: Illustration of the two primary usage modes: installed on a phone or used alone as a Bluetooth scanner.

Figure 5: The scanner paired with a phone, demonstrating its use for checking prices or inventory, saving time compared to traditional handheld scanners.
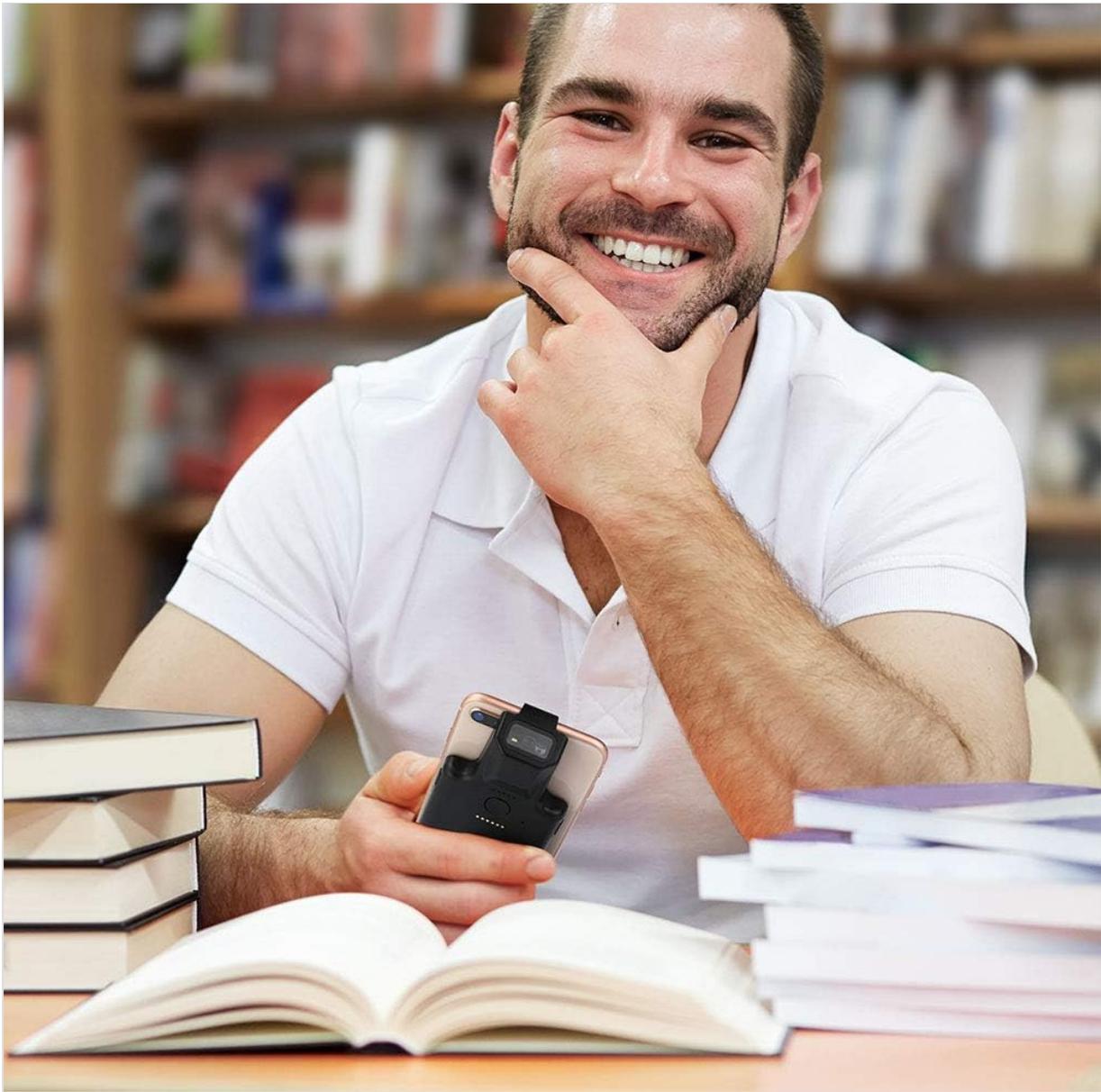
Figure 6: An example of the scanner in use, demonstrating its portability and ease of integration with a smartphone for various tasks.

4.2 Using the Scanning Buttons

The scanner features three scanning buttons for ergonomic use in various positions:

- **Left Scanning Button:** Located on the left side for left-hand operation.
- **Right Scanning Button:** Located on the right side for right-hand operation.
- **Middle Scanning Button:** Centrally located for general use.

To scan a barcode, point the scanner's window at the barcode and press any of the scanning buttons. The scanner will emit a light beam to read the barcode. A successful scan is typically indicated by an audible beep and/or a visual confirmation.

Figure 7: The three scanning button design, illustrating how to press the left, right, and middle buttons for flexible scanning.

5. CHARGING AND BATTERY

The Eyoyo EY-017P scanner is equipped with a rechargeable 1600mAh Lithium-ion battery.

- **Charging Time:** Approximately 1.5 hours for a full charge.
- **Working Time:** Up to 7.5 hours on a full charge, depending on usage intensity.
- **Charging Indicator:** Refer to the scanner's LED indicators for charging status.
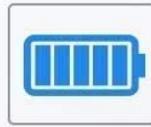
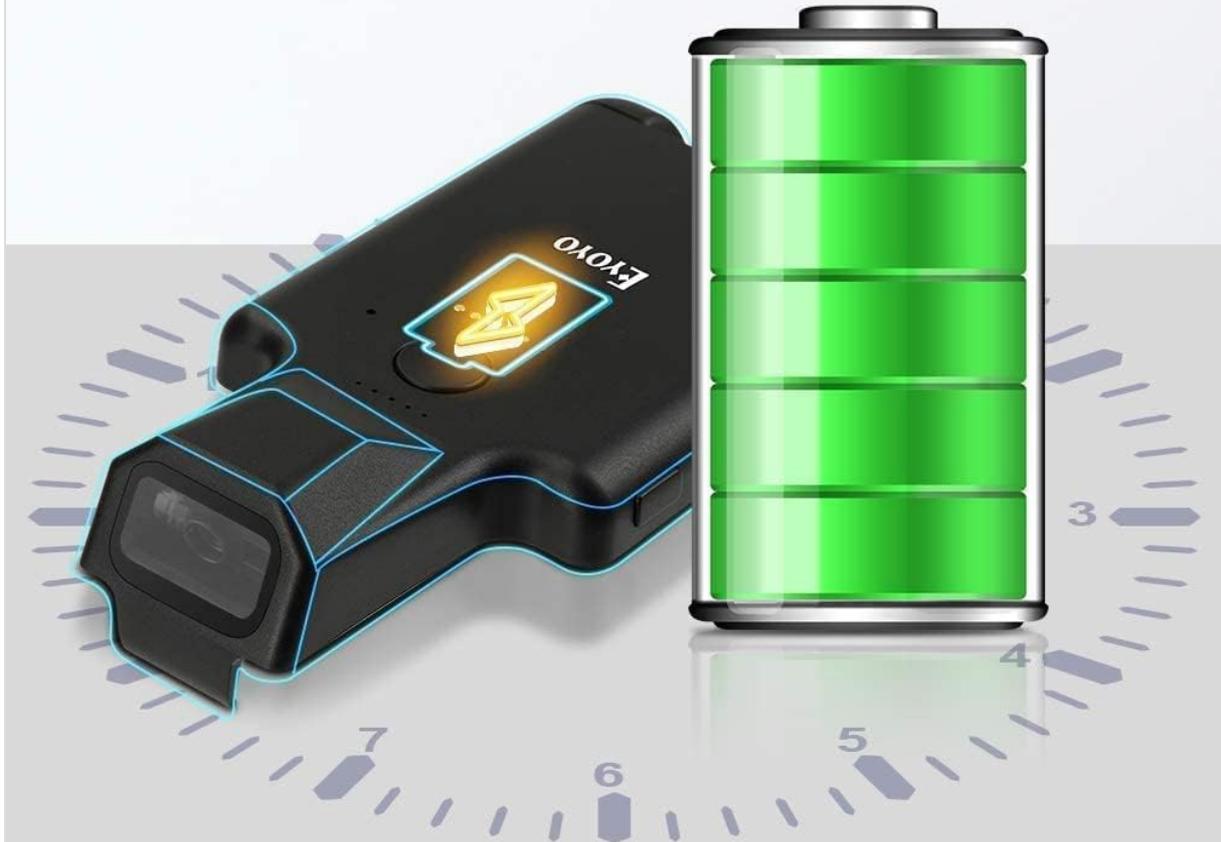To charge the device, connect it to a power source using the provided charging cable.

Figure 8: Details on the 1600mAh Li-battery, showing 1.5 hours charging time and 7.5 hours working time.

6. SPECIFICATIONS

Brand	Eyoyo
Model Number	EY-017P
Color	Black 2D Scanner
Connectivity Technology	Bluetooth
Compatible Devices	Tablet, Smartphone
Battery Composition	Lithium-ion (1 included)
Rechargeable Battery	Yes
Scan Rate	300 images per second
Product Dimensions	3.7D x 6.4W x 13.4H centimeters
Operating Voltage	5 Volts

Compliance	CE, FCC, RoHS
Real View Angle	66 degrees

7. Troubleshooting

- **Scanner not pairing:** Ensure Bluetooth is enabled on your host device and the scanner is powered on. Try restarting both devices.
- **Scanner not reading barcodes:** Ensure the barcode is clean and not excessively damaged. Check that the scanner's window is clean. Make sure the scanner is in the correct operating mode.
- **Scanned data not appearing:** Verify that the scanner is successfully paired with your device. For some smartphones, you may need to adjust virtual keyboard settings after pairing.
- **Short battery life:** Ensure the scanner is fully charged before use. Reduce continuous scanning if possible.

8. Maintenance

- Keep the scanner's window clean using a soft, dry cloth. Avoid abrasive materials or harsh chemicals.
- Store the scanner in a cool, dry place when not in use.
- Avoid dropping the device or exposing it to extreme temperatures or moisture.
- Charge the battery regularly, even if not in frequent use, to maintain battery health.

9. Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or contact Eyoyo customer service.