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› Eyoyo 2D Inventory Scanner Data Collector User Manual

Eyoyo EY-7000

Eyoyo 2D Inventory Scanner Data Collector User Manual

Model: EY-7000

Brand: Eyoyo

PRODUCT OVERVIEW

The Eyoyo EY-7000 is a versatile 2D inventory scanner and data collector designed for efficient barcode management in various environments such as warehouses and express services. It features a 2.2-inch TFT color LCD screen for real-time data display and supports multiple scanning and data export modes.



Image: The Eyoyo EY-7000 2D Inventory Scanner shown alongside its 2.4G USB dongle, highlighting its compact design and display screen.

SETUP GUIDE

Package Contents

Before you begin, please ensure all items are present in the package:

- Eyoyo EY-7000 Scanner
- USB Cable
- 2.4G USB Dongle
- User Manual



Image: A flat lay of the Eyoyo EY-7000 package contents, showing the scanner, USB cable, 2.4G USB dongle, and the user manual.

Initial Charging

The scanner comes with a partial charge. For optimal performance, fully charge the device before first use. Connect the scanner to a USB power source using the provided USB cable.

Connecting to a Device

The Eyoyo EY-7000 supports wireless connection via the 2.4G USB dongle. Insert the 2.4G USB dongle into an available USB port on your computer (PC, Laptop) or compatible POS system. The scanner will automatically pair with the dongle.



Multiple Compatibility

Wireless connection, compatible with different system.

Android Linux Windows Mac OS

Image: The Eyoyo EY-7000 scanner wirelessly connected to a laptop, illustrating its compatibility with various operating systems including Linux, Windows, and Mac OS. Note: Android and iOS are not supported for direct connection.

OPERATING INSTRUCTIONS

Understanding Scan Modes

The scanner offers three primary operational modes:

1. **Wireless Mode (Instant Upload):** In this mode, scanned barcode data is immediately transmitted to your connected computer. This is ideal for real-time data entry.
2. **Collect Mode (Storage):** Designed for counting and inventory of multiple goods. The scanner stores barcode data in its 8MB built-in memory. You can check "Code Length" and "Code Count" on the screen. Data can be uploaded later.
3. **Inventory Mode (Storage):** For inventory management, this mode allows collecting and counting barcodes, inventory queries, and supports manual operation for in and out of inventory. You can check "Code Length", "Code Count", "Total scanned quantity", and "Inventory quantity" on the screen. Data is stored in memory for later upload.

3 Types Scan Mode

Scan-Gun 🔋

Barcode:6924343526802

Length : 13

TotalScan: 4

Wait Send: 0

SW:Input ESC:Exit

Wireless mode

➤➤➤

	A	B
1	9311770597319	
2	6922049781983	
3	6938839105709	
4	6924343526802	
5		
6		
7		

B 🔋

Barcode:6924343526802

Length : 13

Count : 4

SW:Input DEL:Empty

F1:Browse F2:Unique On

Collect mode

➤➤➤

	A	B
1	9311770597319	
2	6922049781983	
3	6938839105709	
4	6924343526802	
5		
6		
7		

B 🔋

Barcode: 6924343526802

Len :13 Count:4

TotalQty: 100

InvenQty: 40

InputQty:

SW: Input DEL: Empty

F1:Browse F2:Set

Inventory mode

➤➤➤

	A	B
1	9311770597319	10
2	6922049781983	20
3	6938839105709	30
4	6924343526802	40
5		
6		
7		

Image: A visual representation of the three scanning modes (Wireless, Collect, Inventory) showing how data is processed and displayed on the scanner's screen and transferred to a computer.

Intelligent Screen Display

The 2.2-inch TFT color LCD screen provides essential information at a glance. After scanning, it displays:

- Barcode content
- Barcode type

- Number of scans
- Barcode length

Additionally, the screen shows battery level, signal strength, and transmission status, enhancing user convenience.

Decoding Capabilities

The Eyoyo EY-7000 is equipped with an advanced 2D scan engine capable of decoding a wide range of 1D and 2D barcodes. It can scan barcodes from various surfaces including paper, labels, and digital screens (e.g., mobile phones, tablets, computers). It is also designed to handle challenging barcodes such as curved, wide, poorly printed, or damaged ones.

Supported Barcode Types include:

- **1D Codes:** UPC, EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, Standard 2 of 5, MSI, GS1, Codabar.
- **2D Codes:** QR, DataMatrix, PDF417, Aztec, Hanxin, Micro PDF417.

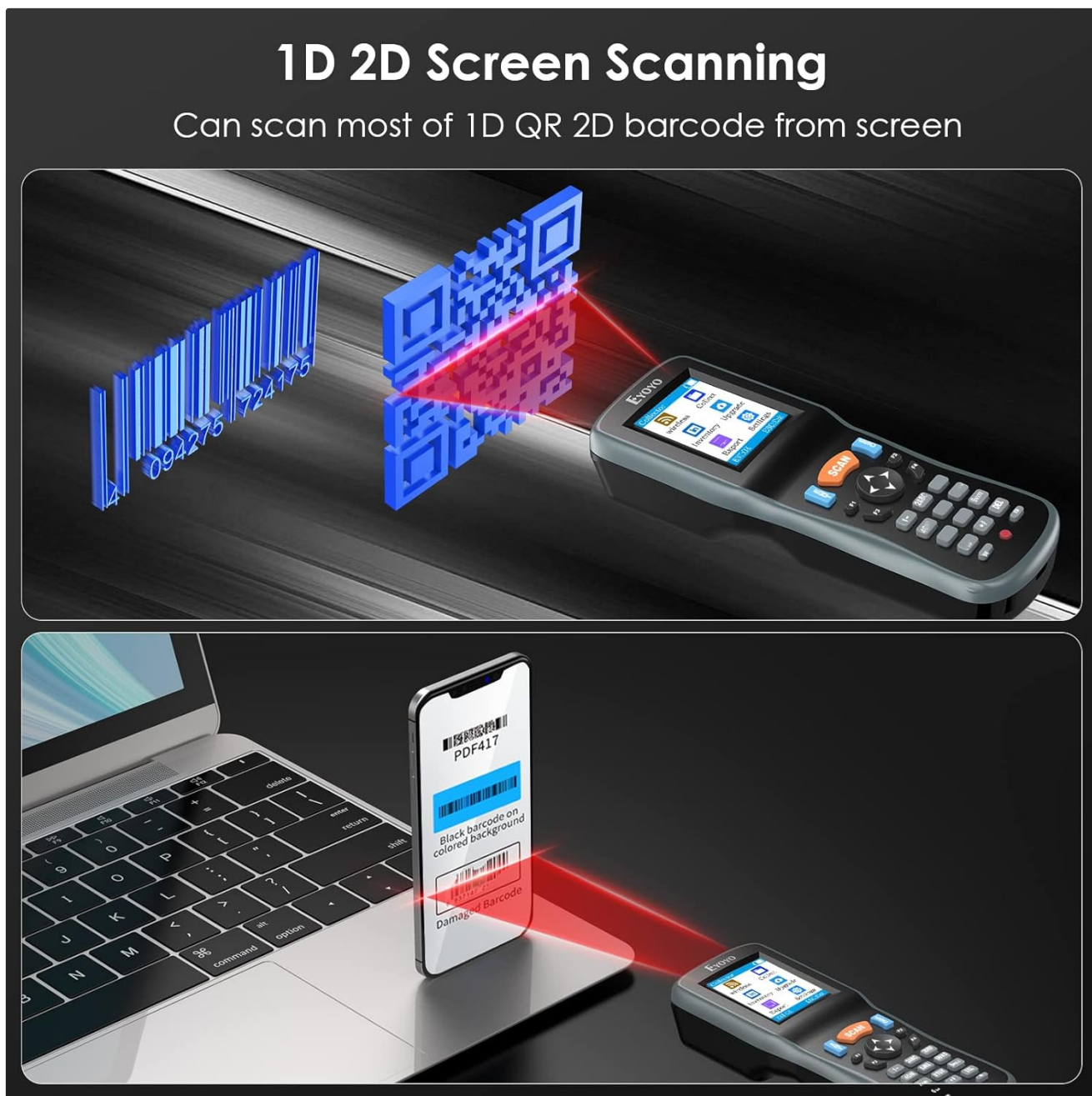


Image: The scanner demonstrating its ability to read 1D and 2D barcodes directly from digital screens, such as a QR code on a monitor and a PDF417 barcode on a smartphone.

Strong Decoding Ability

Easily scan most of special code, like damage, distortion etc special barcode.



Image: An illustration of the scanner's strong decoding ability, showing it can read barcodes that are twisted, broken, damaged, on reflective surfaces, colored, or defaced.

Data Exporting

The Eyoyo EY-7000 offers two main methods for exporting collected data:

- **2.4G Dongle Export:** For Windows systems, you can export data in TXT, CSV, XLS, or XLSX file formats using the 2.4G dongle. This requires installing a specific tool.
- **USB Wired Export:** Barcode data can be exported to Excel, Word, and TXT files via a USB cable. This method is compatible with both Windows and Mac OS systems.

2 Data Exporting Ways

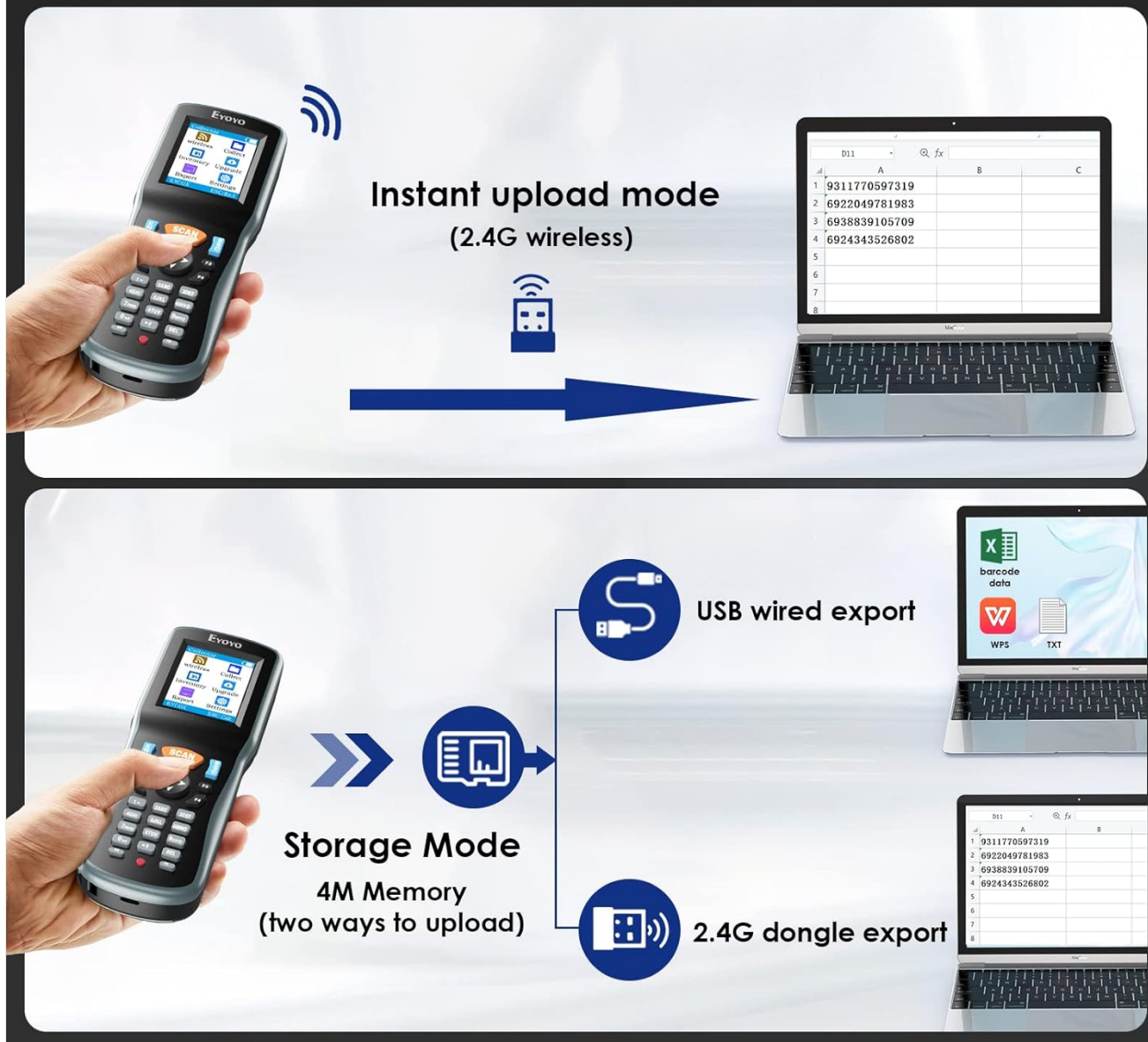


Image: A diagram illustrating the two data exporting methods: instant upload via 2.4G wireless connection, and storage mode which allows for USB wired export or 2.4G dongle export to various file types.

Establishing Libraries for Inventory

The device allows you to establish multiple libraries to better classify and distinguish your inventory. This feature is particularly useful for managing different types of goods or inventory across various locations.

Establish Much Libraries

For better classify and distinguish your inventory.



Image: The scanner's screen showing a list of user-defined libraries (e.g., Lib:8, 1:A, 2:B) which can be used to categorize and manage inventory data.

MAINTENANCE

Cleaning the Device

To maintain optimal performance, regularly clean the scanner's screen and scanning window. Use a soft, lint-free cloth, slightly dampened with water or a mild screen cleaner. Avoid abrasive materials or harsh chemicals that could damage the device.

Battery Care

To prolong battery life, avoid fully discharging the scanner frequently. Store the device in a cool, dry place when not in use for extended periods. If the device will not be used for a long time, charge it to about 50% before storage.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Eyoyo EY-7000 scanner.

Scanner Not Connecting/Pairing

- Ensure the 2.4G USB dongle is securely inserted into a working USB port on your computer.
- Verify the scanner is powered on and within the transmission range (up to 120m/394ft in barrier-free environments, 60m/197ft with obstacles).
- Check the scanner's screen for signal strength indicators.
- If issues persist, try re-pairing the scanner with the dongle according to the detailed instructions in the full user manual (not provided here).

Barcodes Not Scanning

- Ensure the barcode is clean, clear, and not excessively damaged or distorted.
- Adjust the distance and angle between the scanner and the barcode.
- Verify the scanner is in the correct scan mode for the type of barcode you are trying to read (1D/2D).
- Check if the scanner's battery is sufficiently charged.

Data Export Issues

- For 2.4G dongle export to Excel/CSV/XLSX, ensure you are using a Windows system and have installed the necessary tool. This function is not supported on Mac OS for direct Excel sheet upload.
- For USB wired export, ensure the USB cable is properly connected and your computer recognizes the device.
- Check the scanner's memory capacity if you are in Collect or Inventory mode and experiencing issues with storing data. The device has 4M/8M built-in memory.

SPECIFICATIONS

Feature	Detail
Model Number	EY-7000
Product Dimensions	3.5D x 6W x 16.5H centimetres (approx. 3.5 x 5.9 x 16.51 cm; 230 g)
Screen	2.2-inch TFT Color LCD
Connectivity Technology	2.4G Wireless, USB Cable
Scan Rate	120 frames per second
Operating Voltage	5 Volts
Compatible Devices	Laptop, Desktop, POS, Tablet (Windows, Mac OS, Linux)
Power Source	Battery Powered
Memory	8M built-in memory (4M for storage modes)

Certifications	CE, FCC, RoHS
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WARRANTY INFORMATION

The Eyoyo EY-7000 Inventory Scanner comes with a **12-month warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact Eyoyo customer support:

- **Email:** support@eyoyoscan.com

Please provide your product model (EY-7000) and a detailed description of your issue when contacting support.



Image: A view of the product packaging label, which includes contact details for support.

IMPORTANT NOTES ON VIDEO CONTENT

While this product may have associated videos, this manual only includes official product videos where the creator type is verified as "Seller" and the content is genuinely useful and relevant. Based on the provided data, no such videos were identified for direct embedding within this manual.