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UNIDEEPLY MJ2840

UNIDEEPLY 1D CCD 2.4G Wireless Bar Code Scanner

Model: MJ2840 | Brand: UNIDEEPLY

INTRODUCTION

This manual provides comprehensive instructions for the UNIDEEPLY 1D CCD 2.4G Wireless Bar Code Scanner, Model MJ2840. This versatile device offers both wireless and USB wired connectivity, designed for efficient barcode scanning in various environments. It is compatible with a wide range of operating systems and devices, making it an ideal solution for PC and laptop users.



Image: The UNIDEEPLY barcode scanner, showcasing its main unit, USB cable, and 2.4G wireless receiver for dual connectivity options.

KEY FEATURES

- **2-in-1 Wireless & Wired Connection:** Supports both 2.4G Wireless connection via receiver and direct USB wired connection. Compatible with Windows XP/7/8/10, Linux, Mac OS, Google, Android OS, and iOS.
- **Offline Storage Capability:** Internal memory allows storage of up to 100,000 barcodes in offline mode, enabling scanning away from the receiver and later data upload.
- **Long Distance Wireless Transmission:** Achieves up to 328 ft (100m) transmission in open air and 196 ft (60m) in obstructed environments.

- **Strong 1D Decoding Capability:** Equipped with an ARM-32bit Cortex High Speed Processor, capable of 200 scans/sec. Decodes various 1D barcodes including EAN13, EAN8, UPC-A, UPC-E0, UPC-E1, Code128, Code39, Code93, CodaBar, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code11, MSI-Plessey, Standard 2 of 5, Plessey, China Post, GS1 Databar. *Note: Does not read 2D barcodes like QR codes or PDF417.*
- **2000mAh Large Battery:** Provides extended usage and standby time, enhancing work efficiency.

Features & Benefits



Covenient 2-in-1 Design

Wireless connection via 2.4G



Wired connection via USB cable



Image: Illustration of the scanner's dual connectivity modes: wireless via 2.4G receiver and wired via USB cable.

UNIDEEPLY



2-IN-1 CMOS 2.4G WIRELESS & Wired Barcode Scanner

100M LONG DISTANCE CAPTURE
WITHOUT THE ENTRAPMENT OF WIRES



Warehouse



Library



Retail Store



Express

Image: Diagram explaining the two upload modes: Storage Upload Mode (up to 100,000 barcodes) and Instant Upload Mode.

No driver installation needed



Win XP /7/8/10



Linux



IOS \ Mac OS



Android



Powerful 1D Decoding Capability



Can Scan Digital Screens

PLUG AND PLAY

2.4 Ghz Wireless



USB 2.0



Plug and Play



Does Not Scan 2D QR Barcodes

Image: Visual representation of the scanner's ability to read various 1D barcode types, including those on colored backgrounds, with supplements, and damaged barcodes.

SETUP GUIDE

The UNIDEEPLY barcode scanner offers flexible connectivity options. Please follow the instructions below for

your preferred setup.

Wireless Connection (2.4G)

1. Locate the 2.4G wireless receiver included in the package.
2. Insert the 2.4G wireless receiver into an available USB-A port on your PC, laptop, or POS system.
3. Turn on the barcode scanner. It should automatically pair with the receiver. A successful connection is usually indicated by a specific sound or light on the scanner.
4. Open a text editor or application where you wish to input scanned data (e.g., Notepad, Word, Excel).
5. Scan a test barcode to confirm the connection.

Note: This scanner is designed for devices with USB-A ports and does not support Bluetooth connections for mobile phones or iPads.

Product Details



1D CMOS Barcode Scanner

----Wireless



2-in-1



Image: The barcode scanner shown in wireless operation, with the 2.4G receiver plugged into a laptop.

Wired Connection (USB)

1. Connect the USB cable to the scanner's USB port.
2. Plug the other end of the USB cable into an available USB-A port on your PC, laptop, or POS system.

3. The scanner will be recognized as a keyboard device. No driver installation is typically required (Plug and Play).
4. Open a text editor or application and scan a test barcode to verify functionality.



Image: The barcode scanner connected directly to a laptop via its USB cable, illustrating wired operation.

OPERATING INSTRUCTIONS

Scanning Barcodes

To scan a barcode, aim the scanner's light beam at the center of the barcode and press the trigger button. A successful scan is typically indicated by a beep and/or a green light. Ensure the barcode is within the scanner's optimal reading range.

The scanner supports reading linear/1D barcodes directly from computer screens and mobile phones, as well as printed barcodes. It can also read some wide and dense 1D barcodes.



Image: The scanner in action, reading a barcode from a physical package.



Image: The scanner demonstrating its capability to read barcodes displayed on a smartphone screen.

Data Upload Modes

- **Instant Upload Mode:** In this mode, scanned barcode data is immediately transmitted to your connected device. This is the default mode when connected wirelessly or via USB.
- **Storage Upload Mode:** When out of wireless range or not connected, the scanner can store up to 100,000 barcodes in its internal memory. To upload stored data, reconnect the scanner to your device (wirelessly or wired) and follow the specific instructions in the full user manual (not provided here, but implied by the feature).



Image: Icons representing the two data upload modes: storage mode (download icon) and instant upload mode (cloud upload icon).

Supported Barcode Symbologies

The scanner supports the following 1D barcode types:

- EAN13
- EAN8

- UPC-A
- UPC-E0
- UPC-E1
- Code128
- Code39
- Code93
- CodaBar
- Interleaved 2 of 5
- Industrial 2 of 5
- Matrix 2 of 5
- Code11
- MSI-Plessey
- Standard 2 of 5
- Plessey
- China Post
- GS1 Databar (RSS-Expand, RSS-Limited, RSS-14)

MAINTENANCE

Battery Charging

The scanner is equipped with a 2000mAh rechargeable battery. To charge the scanner, connect it to a USB power source (e.g., computer USB port, USB wall adapter) using the provided USB cable. The indicator light will show charging status. A full charge typically takes approximately 6 hours and provides up to 18 hours of continuous scanning or 1 year of standby time.



Image: Visual representation of the 2000mAh battery, indicating 18 hours continuous scanning, 6 hours charging time, and 1 year standby time.

Cleaning

To clean the scanner, use a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used. Do not use abrasive cleaners or solvents, as these may damage the device. Ensure the scanning window is kept clean for

optimal performance.

Durability

The scanner is designed to sustain drops from up to 1.5 meters (5 feet) from the ground, thanks to its robust construction and anti-drop silicone components.

Widely Used



Supermarket



Stores



Library



Express and Logistics



Warehouse



Hospital

Image: Diagram illustrating the scanner's ability to withstand drops from a height of 1.5 meters (5 feet).

TROUBLESHOOTING

If you encounter issues with your UNIDEEPLY barcode scanner, please refer to the following common problems and their solutions:

Problem	Possible Cause / Solution
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Problem	Possible Cause / Solution
Scanner does not connect wirelessly.	<p>Ensure the 2.4G wireless receiver is securely plugged into a USB-A port on your device.</p> <p>Verify the scanner is powered on.</p> <p>Move the scanner closer to the receiver to ensure it's within the transmission range (up to 196 ft indoors).</p> <p>Try plugging the receiver into a different USB port.</p>
Scanner does not scan barcodes.	<p>Ensure the scanner is properly connected (wired or wireless).</p> <p>Check if the barcode is a supported 1D type. This scanner does not read 2D barcodes (e.g., QR codes, PDF417).</p> <p>Ensure the barcode is clear, not smudged, or severely damaged.</p> <p>Adjust the distance between the scanner and the barcode.</p> <p>Check if the scanner's battery is charged.</p>
Scanned data does not appear on screen.	<p>Ensure your cursor is active in a text input field or application.</p> <p>Verify the connection (wired or wireless) is stable.</p> <p>If in storage mode, you need to manually upload the data.</p>
Battery life is shorter than expected.	<p>Ensure the battery is fully charged before use (approx. 6 hours charging time).</p> <p>Frequent scanning or continuous use in high-activity environments may reduce battery life.</p> <p>Battery performance can degrade over time with repeated charge cycles.</p>
Scanner beeps excessively or unexpectedly.	<p>Refer to the full user manual for specific beep codes or settings related to sound. Some settings might enable a beep for every scan.</p>

SPECIFICATIONS

Feature	Detail
Model Number	MJ2840
Product Dimensions	6.5 x 2.4 x 3.6 inches
Item Weight	10.9 ounces
Connectivity Technology	2.4G Wireless, USB Wired
Compatible Devices	Desktop, Laptop, POS systems

Feature	Detail
Supported Operating Systems	Windows XP/7/8/10, Linux, Mac OS, Google, Android OS, iOS
Power Source	Battery & USB cable
Battery Capacity	2000mAh (1 Product Specific battery included)
Wireless Transmission Distance	Up to 328 ft (100m) in open air, 196 ft (60m) indoors
Decoding Speed	Up to 200 scans/sec
Decoding Capabilities	EAN13, EAN8, UPC-A, UPC-E0, UPC-E1, Code128, Code39, Code93, CodaBar, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code11, MSI-Plessey, Standard 2 of 5, Plessey, China Post, GS1 Databar
Drop Resistance	Up to 1.5m (5ft)



Storage Upload Mode

Store up to 100000 barcodes in the 16MB memory of the scanner and upload to your device when you need them.



Instant Upload Mode

upload data to your device when scanning barcodes.



Superior Scanning Performance

Using upgraded CMOS sensor, quickly read linear 1D barcodes from the screen, printing



✓ white barcode on black background



✓ Black barcode on colored background



✓ Colored barcode



✓ Barcode with Supplement code



✓ Damaged Barcode



✓ Barcode printed on a curved surface



Image: Detailed dimensions of the barcode scanner, showing its length, width, and height.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official UNIDEEPLY website. Contact details for customer service are typically provided on the manufacturer's website or product packaging.

For additional resources and product information, you may visit the [UNIDEEPLY Store on Amazon](#).