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Yanzeo L6811

YANZEO L6811 1D Wireless Barcode Scanner User Manual

Model: L6811

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1. INTRODUCTION

The YANZEO L6811 is a versatile 1D wireless barcode scanner designed for efficient data capture in various environments such as retail stores, warehouses, and supermarkets. It features advanced photoelectric conversion technology, two-way communication with instant error correction, and supports both 2.4G wireless and USB cable connectivity. This manual provides detailed instructions for setting up, operating, and maintaining your L6811 barcode scanner.



Figure 1: YANZEO L6811 Barcode Scanner with its wireless dongle and USB cable.

2. SETUP

2.1 Unpacking and Initial Inspection

Carefully remove all components from the packaging. Verify that the following items are present:

- YANZEO L6811 Barcode Scanner
- 2.4G Wireless USB Dongle
- USB Charging/Data Cable
- User Manual (this document)

Inspect the scanner for any visible damage. If any components are missing or damaged, contact customer support immediately.

2.2 Charging the Battery

The scanner is equipped with a large capacity lithium battery. Before first use, it is recommended to fully charge the device.

1. Connect the small end of the USB cable to the charging port on the scanner.
2. Connect the standard USB end of the cable to a powered USB port on a computer or a USB wall adapter (not included).
3. The charging indicator light on the scanner will illuminate. Allow approximately 5 hours for a full charge. A full charge provides over 72 hours of continuous operation.



Figure 2: The scanner's internal 2000mAh lithium battery provides extended usage.

2.3 Connecting the Scanner

The YANZEO L6811 offers two connection methods: 2.4G Wireless and USB Cable.

2.3.1 2.4G Wireless Connection

1. Insert the 2.4G wireless USB dongle into an available USB port on your computer or host device.
2. Turn on the barcode scanner. It should automatically pair with the dongle.
3. A successful connection will be indicated by a specific sound or light pattern on the scanner (refer to LED indicator section for details).
4. Test the connection by scanning a barcode into a text editor (e.g., Notepad, Word). The barcode data should appear on the screen.

POWERFUL SCANNING



Figure 3: The 2.4G wireless connection provides a stable transmission range of up to 80 meters in open areas.



Figure 4: Wireless connection with offline storage capability. The scanner can store data if out of range.

2.3.2 USB Cable Connection

1. Connect the small end of the USB cable to the port on the scanner.
2. Connect the standard USB end of the cable to an available USB port on your computer or host device.

3. The computer should automatically detect and install the necessary drivers. This may take a few moments.
4. Once installed, the scanner will be ready for use. Test by scanning a barcode into a text editor.

3. OPERATING INSTRUCTIONS

3.1 Basic Scanning Operation

1. Ensure the scanner is powered on and connected to your host device (via 2.4G wireless or USB cable).
2. Point the scanner's red light beam at the barcode you wish to scan.
3. Press the trigger button. A successful scan will be indicated by a beep and/or a green light.
4. The barcode data will be transmitted to your host device and appear in the active application (e.g., spreadsheet, word processor, POS software).

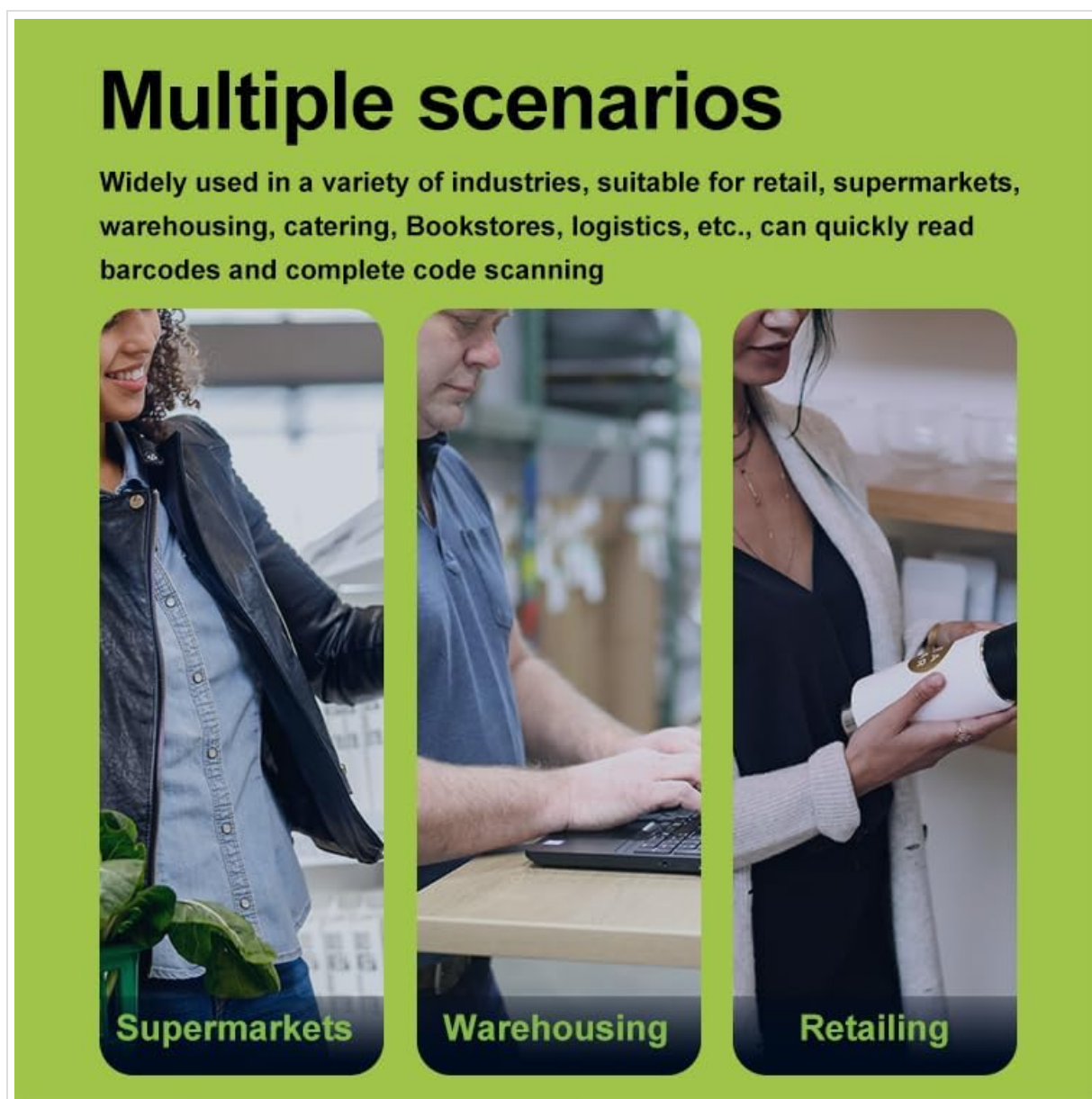


Figure 5: Proper technique for scanning a barcode with the L6811 scanner.

3.2 Supported Barcode Types

The YANZEO L6811 is designed to read various 1D barcode types, including but not limited to:

- EAN-8, EAN-13
- UPC-A, UPC-E
- Code 39, Code 93, Code 128
- Codabar, Interleaved 2 of 5
- Industrial 2 of 5, Matrix 2 of 5
- GS1 DataBar (RSS)

It can also read non-standard barcodes such as those with printing distortion, folds, smudges, water stains, or blur, as well as barcodes displayed on screens.

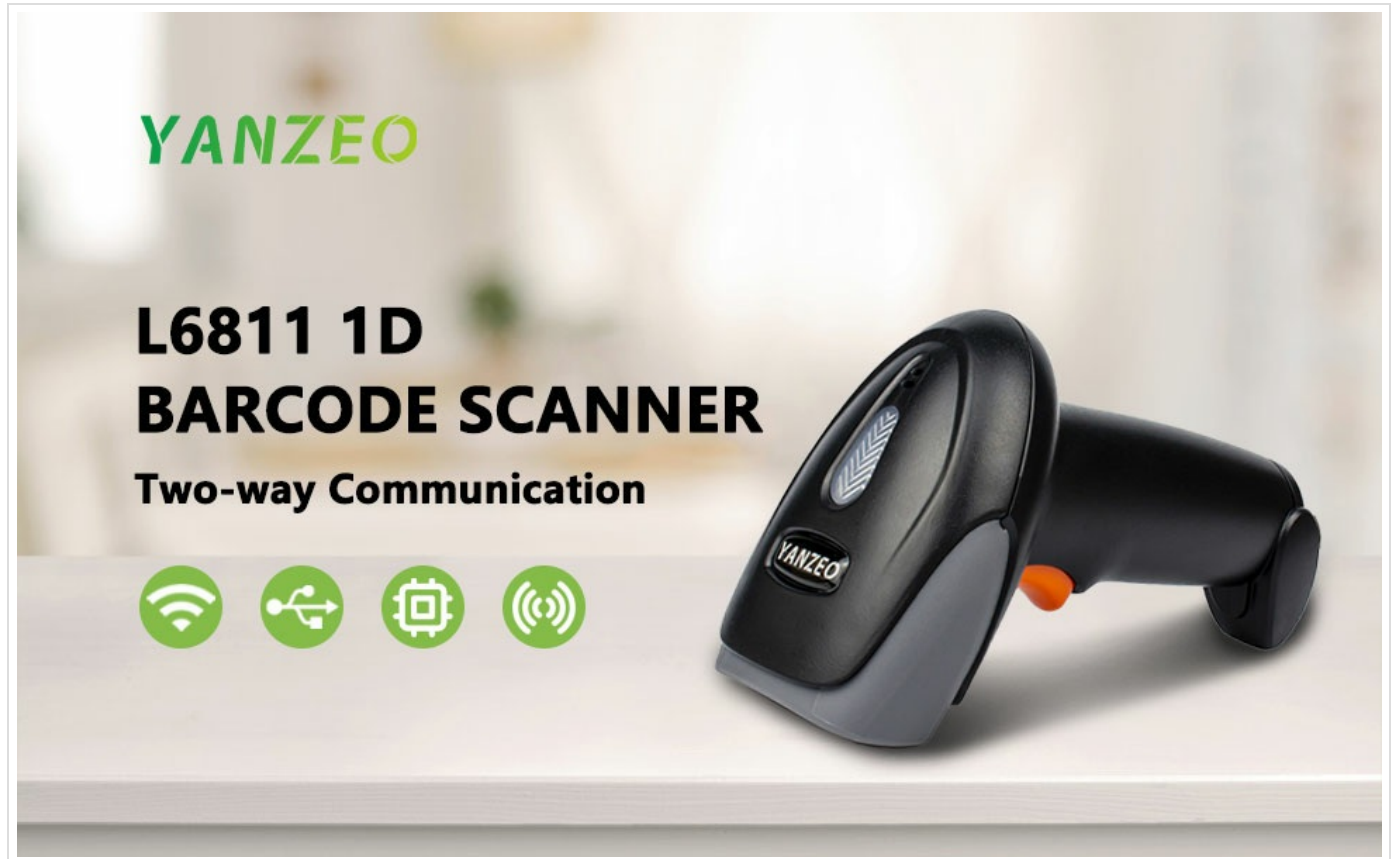


Figure 6: The L6811 scanner's capability to read various challenging barcode conditions.

3.3 Offline Storage Mode

When operating in 2.4G wireless mode and the scanner moves beyond the receiver's range, it automatically enters offline storage mode. In this mode, scanned barcode data is stored internally in the scanner's FLASH memory. Once the scanner returns within range, the stored data can be uploaded to the host device.

To upload stored data, scan the "Upload Data" configuration barcode (refer to the separate configuration guide for specific barcodes).

4. MAINTENANCE

4.1 Cleaning the Scanner

To ensure optimal performance, keep the scanner clean.

- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the exterior of the scanner.
- For the scanning window, use a lens cleaning cloth or a cotton swab with a small amount of isopropyl alcohol. Avoid abrasive materials that could scratch the window.

- Do not immerse the scanner in any liquid.
- Ensure the scanner is powered off before cleaning.

4.2 Battery Care

The scanner uses a rechargeable lithium battery. Follow these guidelines for optimal battery life:

- Avoid fully discharging the battery frequently.
- Store the scanner in a cool, dry place when not in use for extended periods.
- Recharge the battery at least once every three months if stored for a long time to prevent deep discharge.
- Do not expose the scanner to extreme temperatures.

4.3 Drop Resistance

The YANZEO L6811 is designed to be durable and has undergone multiple 1.5m free fall drop tests. While robust, avoid unnecessary drops to prolong the life of the device.



Figure 7: The L6811 scanner is designed for durability and drop resistance.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scanner does not power on.	Low or depleted battery.	Charge the scanner for at least 30 minutes.
Scanner does not connect wirelessly.	Dongle not properly inserted; out of range; interference.	Ensure dongle is firmly inserted. Move scanner closer to dongle. Try a different USB port for the dongle.

Problem	Possible Cause	Solution
Scanner does not read barcodes.	Barcode damaged; incorrect scanning angle; scanner settings.	Ensure barcode is clear. Adjust scanning angle and distance. Check if the barcode type is enabled (refer to configuration guide).
Scanned data is incorrect or incomplete.	Partial scan; data format settings.	Ensure the entire barcode is within the scan line. Check scanner configuration for data formatting or prefix/suffix settings.
No data appears on computer.	Not connected; application not in focus.	Verify connection (wireless or USB). Ensure the cursor is in the desired input field of your application.

If the problem persists after trying these solutions, please contact YANZEO customer support.

6. SPECIFICATIONS

Feature	Detail
Model Number	L6811
Scanning Type	1D Barcode Scanner
Connectivity	2.4G Wireless, USB Cable
Wireless Range	Up to 80m (open distance)
Battery Capacity	2000mAh Lithium Polymer
Battery Life	>72 hours continuous operation (after 5 hours charge)
Scanning Accuracy	≥4mil
Scanning Speed	200±2 times per second
Offline Storage	Built-in FLASH memory
Drop Resistance	Withstands multiple 1.5m drops
Compatible Devices	Desktop, Laptop
Dimensions	160mm (L) x 66mm (W) x 90mm (H) (approximate)
Item Weight	12 ounces

OVERALL DIMENSIONS



MODEL NUMBER	L6811
BRANDING	YANZEO
SCANNING ACCURACY	≥4mil
CONNECTION METHOD	2.4G/USB
SCANNING SPEED	200±2 TIMES PER SECOND
BATTERY CAPACITY	2000mA

Figure 8: Key specifications and dimensions of the YANZEO L6811 scanner.

7. WARRANTY & SUPPORT

7.1 Warranty Information

YANZEO products are covered by a limited warranty against defects in materials and workmanship. The specific warranty period may vary by region and retailer. Please retain your proof of purchase for warranty claims. This warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official YANZEO website.

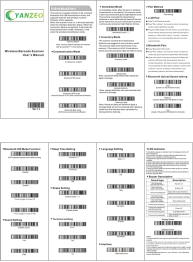





7.2 Customer Support

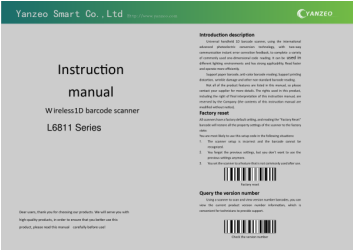
If you encounter any issues or have questions regarding your YANZEO L6811 barcode scanner that are not addressed in this manual, please contact YANZEO customer support:

- **Email:** [Insert YANZEO Support Email Here, if available]
- **Phone:** [Insert YANZEO Support Phone Number Here, if available]
- **Website:** Visit the [Yanzeo Store on Amazon](#) for more information and contact options.

When contacting support, please have your product model (L6811) and purchase information ready.

Related Documents - L6811

	<p>E9820i Wireless Barcode Scanner User's Manual</p> <p>User's manual for the E9820i Wireless Barcode Scanner, detailing its features, connectivity options (2.4G, Bluetooth, USB), pairing procedures, operational modes, LED indicators, and buzzer descriptions.</p>
	<p>Yanzeo L6811 Series Wireless 1D Barcode Scanner Instruction Manual</p> <p>This manual provides instructions for the Yanzeo L6811 Series Wireless 1D Barcode Scanner, covering setup, operation, and maintenance. Learn how to configure settings like reading modes, terminators, communication modes, and sleep times.</p>
	<p>Yanzeo L1100/L1000 Series Wired 1D Barcode Scanner Instruction Manual</p> <p>Comprehensive instruction manual for the Yanzeo L1100 and L1000 series wired 1D barcode scanners, covering setup, features, maintenance, and warranty information.</p>
	<p>Yanzeo C2000 & S100 Wired 2D Barcode Scanner Instruction Manual</p> <p>Comprehensive instruction manual for Yanzeo C2000 and S100 wired 2D barcode scanners. Learn about product features, technical specifications, configuration settings, troubleshooting, and maintenance.</p>
	<p>Yanzeo AR180 User Manual: RFID Tag Scanner for Animal Management</p> <p>User manual for the Yanzeo AR180, a low-frequency RFID tag scanner supporting EMID and FDX-B(ISO11784/85) tags. Learn about its features, operation, scanning, data uploading, and charging.</p>
	<p>Yanzeo SA Series UHF RFID Integrated Machine User Manual</p> <p>Comprehensive user manual for the Yanzeo SA Series Ultra High Frequency Integrated Machine, covering installation, operation, software configuration, and advanced settings for RFID readers.</p>



[Yanzeo L6811 Series Wireless 1D Barcode Scanner Instruction Manual](#)

This manual provides instructions for the Yanzeo L6811 Series Wireless 1D Barcode Scanner, covering setup, operation, and maintenance. Learn how to configure settings like reading modes, terminators, communication modes, and sleep times.
lang:en score:47 filesize: 358.12 K page_count: 5 document date: 2024-06-20



[\[pdf\] Specifications](#)

Yanzeo L6811 Barcode Scanner Specification Sheet barcode scanner USB 1D High speed decoding sensitive response Strong versatility supporte COM and other interfaces Built in storage function support inventory mode yanzeo data |||
Yanzeo Smart Co.,Ltd Http://XXX ZBO FPDPN Yanzeo **L6811** 1D Barcode scanner
Product Features High-speed decoding, sensitive response Strong versatility: supporte USB, USB-COM and other interfaces Built-in storage function, support inventory mode Small shape, light weight, in line with ergonomic design...
lang:en score:37 filesize: 252.15 K page_count: 2 document date: 2024-09-14