JIAN BOLAND U26B

JIAN BOLAND U26B Wireless Barcode Scanner User Manual

Model: U26B

INTRODUCTION

Thank you for choosing the JIAN BOLAND U26B Wireless Barcode Scanner. This device is designed for efficient and accurate barcode and QR code scanning, offering versatile connectivity options to suit various operational environments. Please read this manual thoroughly to ensure proper setup, operation, and maintenance of your scanner.

PRODUCT OVERVIEW

Key Features

- **3-in-1 Connectivity:** Supports 2.4G wireless, Bluetooth, and USB wired connections.
- **High-Performance Scanning:** Equipped with a CMOS 2D scanning head, capable of reading 1D and 2D QR codes with an accuracy greater than 4 mil and a scanning speed of 300 times per second.
- **Versatile Code Recognition:** Recognizes fuzzy, distorted, screen-displayed, spotted, and reflected barcodes.
- **Intelligent Scan Modes:** Features key scanning, auto-sensing scanning, and continuous scanning modes.
- **Internal Memory:** Stores scanned data, ideal for inventory operations.
- **Durable Design:** IP54 rating, capable of withstanding a 1.5-meter (5-foot) drop.
- **Long Battery Life:** 2000mAh battery provides up to 30 days of standby time and 72 hours of continuous operation.

Package Contents

Image: The JIAN BOLAND U26B Wireless Barcode Scanner, instruction manual, USB charging cable, and 2.4G wireless dongle are included in the package.

- JIAN BOLAND U26B Barcode Scanner
- USB Charging Cable
- 2.4G Wireless USB Dongle
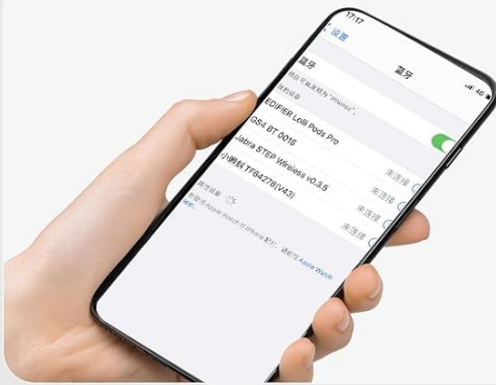- Instruction Manual

SETUP

Charging the Scanner

Before first use, fully charge the scanner. Connect the provided USB charging cable to the scanner's charging port and to a USB power source (e.g., computer USB port, USB wall adapter). The charging indicator light will show the charging status.

Connection Modes

3 in 1 connection mode

Image: Visual representation of the three available connection modes: Bluetooth, 2.4GHz Wireless Adapter, and USB Wired.

1. **Bluetooth Connection:**

   - Turn on the scanner.
   - Enable Bluetooth on your host device (e.g., smartphone, tablet, laptop).
   - Search for "BARCODE SCANNER" in your device's Bluetooth settings and pair.
   - Once paired, the scanner is ready for use.

2. **2.4G Wireless Connection:**

   - Insert the 2.4G wireless USB dongle into an available USB port on your computer or POS system.
   - Turn on the scanner. The scanner will automatically connect to the dongle.
   - No driver installation is typically required for Windows, Mac OS, or Linux.

3. **USB Wired Connection:**

   - Connect the scanner directly to your computer or POS system using the provided USB cable.

- The scanner will function as a plug-and-play device, requiring no additional software or drivers.

The scanner offers flexible connectivity to various devices including laptops, PCs, mobile phones (iPhone, Android), tablets (iPad), and POS systems, compatible with Windows XP/7/8/10, Mac OS, Windows Mobile, Android OS, and iOS.

OPERATING INSTRUCTIONS

Basic Scanning

To scan a barcode or QR code, point the scanner's window at the code and press the trigger button. A successful scan will typically be indicated by an audible beep and/or a visual confirmation light. The scanned data will be transmitted to your connected device.

Image: The scanner demonstrates its ability to read various 1D and 2D digital and printed barcodes, even those that are incomplete, have reflections, water damage, distortion, smudges, blur, or color variations.

Intelligent Scan Modes

The scanner supports three operational modes:

- **Key Scanning:** Press the trigger button for each scan.
- **Auto-Sensing Scanning:** The scanner automatically detects and scans codes when they are presented within its field of view.
- **Continuous Scanning:** The scanner continuously emits a scan beam, scanning any code it detects without requiring trigger presses.

Refer to the included instruction manual for specific QR codes to switch between these modes.

Inventory Mode

For inventory management, the scanner features an internal memory function. In Inventory Mode, you can scan multiple items, and the data will be stored in the scanner's memory. To upload the stored data to your connected device, scan the designated "Upload Data" QR code in the instruction manual. The data will then be transferred, typically one code per line.

Supported Barcode Symbologies

The JIAN BOLAND U26B scanner supports a wide range of 1D and 2D barcode types:

- **1D Codes:** UPC-A, UPC-E0, UPC-E1, EAN13, EAN 8, Code128, Code39, Code93, Interleaved 2 of 5, Industrial 25, Matrix 2 of 5, Code11, CodeBar, MSI, RSS-14, RSS-Ltd, RSS-Exp, Standard 2 of 5, Plessey, GS1 Composite.
- **2D Codes:** QR Code, Data Matrix (DM), PDF417, Micro QRCode, MaxiCode, Aztec Code.

The scanner also supports scanning codes directly from screens.
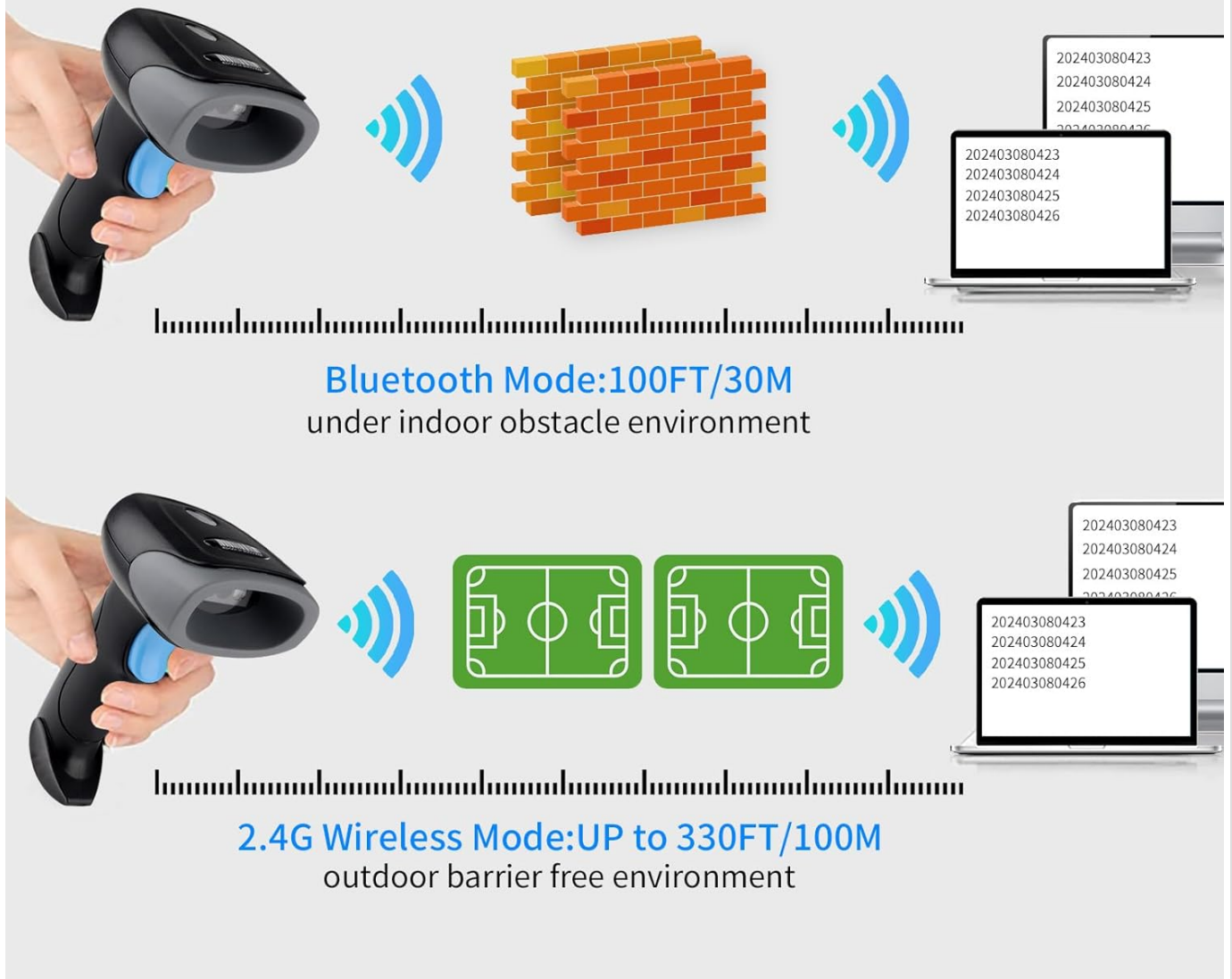
Transmission Distance

Image: Illustration of the effective transmission distances. Bluetooth mode offers up to 100 feet (30 meters) indoors with obstacles, while 2.4G Wireless mode provides up to 330 feet (100 meters) in an outdoor barrier-free environment.

- **Bluetooth Mode:** Up to 100 feet (30 meters) under indoor obstacle environments.
- **2.4G Wireless Mode:** Up to 330 feet (100 meters) in outdoor barrier-free environments.

MAINTENANCE

Cleaning

To maintain optimal scanning performance, keep the scanner's reading window clean. Use a soft, lint-free cloth, slightly dampened with water or a mild, non-abrasive cleaner. Do not use harsh chemicals or abrasive materials, as they can damage the lens.

Battery Care

- Avoid fully discharging the battery frequently.
- Charge the scanner regularly, even if not in constant use, to prolong battery life.

- Store the scanner in a cool, dry place when not in use for extended periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Scanner not connecting via Bluetooth.	Scanner not in pairing mode; Bluetooth off on host device; interference.	Ensure scanner is in Bluetooth pairing mode (refer to manual for specific QR code). Verify Bluetooth is enabled on your device. Move closer to the device or away from interference sources.
Scanner not reading barcodes.	Barcode damaged/unreadable; insufficient lighting; scanner lens dirty; incorrect scan mode.	Try scanning a different, known-good barcode. Ensure adequate lighting. Clean the scanner lens. Check if the scanner is in the correct scan mode (e.g., Key Scanning).
Scanned data not appearing on device.	Not properly connected; application not ready to receive input.	Verify successful connection (Bluetooth, 2.4G, or USB). Ensure your application (e.g., notepad, POS software) has an active cursor ready to receive text input.
Short battery life.	Battery not fully charged; aging battery; continuous scanning mode.	Fully charge the scanner. If battery life remains short, consider battery replacement (contact support). Switch to Key Scanning or Auto-Sensing mode when not actively scanning.

For further assistance, please refer to the complete instruction manual or contact JIAN BOLAND customer support.

SPECIFICATIONS

Feature	Detail
Model Number	U26B
Dimensions (L x W x H)	6.3 x 3.54 x 2.6 inches (160mm x 90mm x 66mm)
Item Weight	6.3 ounces
Connectivity	Bluetooth, 2.4G Wireless, USB Wired
Scanning Head	CMOS 2D
Accuracy	> 4 mil
Scanning Speed	300 times / second
Battery Capacity	2000mAh Lithium Ion
Standby Time	Up to 30 days
Continuous Work Time	Up to 72 hours
Drop Resistance	1.5 meters (5 feet)
IP Rating	IP54
Compatible OS	Windows XP/7/8/10, Mac OS, Windows Mobile, Android OS, iOS

66mm/2.6 in

90mm/3.5 in

160mm/6.3 in

Image: Detailed dimensions of the scanner, showing its length (160mm/6.3 in), width (66mm/2.6 in), and height (90mm/3.5 in).

WARRANTY AND SUPPORT

Warranty Information

The JIAN BOLAND U26B Wireless Barcode Scanner comes with a **one-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets high-quality standards upon leaving the factory. Please retain your proof of purchase for warranty claims.

Image: A warranty certificate is included in the product packaging, confirming the one-year warranty period.

Customer Support

For any questions, technical assistance, or warranty claims, please contact JIAN BOLAND customer support through the contact information provided in your product packaging or on the official JIAN BOLAND website. You can also visit the JIAN BOLAND Store on Amazon for more information.

PRODUCT APPLICATION SCENARIOS

Image: Examples of common application scenarios for the scanner, including retail point-of-sale (scan to pay), parcel dispatch, logistics, and warehouse inventory management.

The JIAN BOLAND U26B Wireless Barcode Scanner is suitable for a wide range of applications, including but not limited to:

- **Retail Stores:** Point-of-sale (POS) transactions, inventory checks.
- **Supermarkets & Convenience Stores:** Product scanning, price verification.
- **Warehouses & Logistics:** Inventory tracking, shipping and receiving, asset management.
- **Pharmacies:** Prescription management, stock control.
- **Libraries:** Book check-in/check-out, cataloging.
- **Document Management:** Organizing and tracking documents.

DEMONSTRATION VIDEO

Video: An official product demonstration video from JIAN BOLAND showcasing the 3-in-1 connectivity (Bluetooth, 2.4G Wireless, USB Wired) and the scanner's

ability to quickly and efficiently scan barcodes, displaying the output on a connected device.