**JIAN BOLAND W7**

# JIAN BOLAND W7 Mini Portable Bluetooth 1D 2D Barcode Scanner User Manual

Model: W7

## 1. Introduction

Thank you for choosing the JIAN BOLAND W7 Mini Portable Barcode Scanner. This device is designed for efficient and versatile barcode scanning, supporting both 1D and 2D codes with multiple connectivity options. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance.




Image 1.1: The JIAN BOLAND W7 Mini Portable Barcode Scanner.

## 2. Package Contents

Please verify that all items are present in the package:

- JIAN BOLAND W7 Portable Barcode Scanner
- 2.4G Wireless Receiver
- USB Charging Cable (Type-C)
- Lanyard
- User Manual




Image 2.1: Contents included in the JIAN BOLAND W7 package.

## 3. Product Overview

The W7 scanner is designed for portability and ease of use. It features an OLED display for real-time status updates and a comfortable ergonomic design.

### 3.1. Physical Features

- **Compact and Lightweight:** Weighing approximately 58g, it is easy to carry and fits into a pocket.
- **Ergonomic Design:** The scanning button is positioned for natural finger placement, and the device's shape allows for stable placement during charging.
- **OLED Display:** Provides visual feedback on connection status, battery level, and storage capacity.
- **Speaker:** Emits audible feedback for successful scans and status changes.




Image 3.1: The W7 scanner's compact size and lightweight design (approx. 58g).




Image 3.2: The OLED display shows device status, and the speaker provides audio feedback.

## 4. Setup

### 4.1. Charging the Device

Before first use, fully charge the scanner. Connect the provided USB Type-C cable to the scanner's charging port and the other end to a USB power source (e.g., computer, wall adapter). The OLED display will indicate charging status. A full charge takes approximately 3 hours and can provide up to a month of operation.

### 4.2. Connectivity Options

The W7 scanner supports three connection modes: 2.4G Wireless, Bluetooth, and USB Wired.




Image 4.1: The W7 scanner offers Bluetooth, 2.4G wireless, and USB wired connection methods.

### 4.2.1. 2.4G Wireless Connection

1. Insert the 2.4G wireless receiver into a USB port on your computer or host device.
2. Turn on the scanner. It should automatically connect to the receiver. The OLED display will show the connection status.

### 4.2.2. Bluetooth Connection

1. Turn on the scanner.
2. Enable Bluetooth on your host device (smartphone, tablet, PC).
3. Search for available Bluetooth devices and select "W7 Scanner" (or similar) to pair.
4. The scanner will provide an audible confirmation upon successful connection, and the OLED display will update.

### 4.2.3. USB Wired Connection

1. Connect the scanner to your computer using the provided USB Type-C cable.
2. The scanner will function as a plug-and-play device, requiring no additional drivers for most operating systems

(Windows, Mac, Android, iOS).

### 4.3. Initial Configuration

The scanner can be configured by scanning specific setup barcodes found in the full user manual (not included in this HTML excerpt). These barcodes allow you to:

- Change the device language.
- Enable or disable sound and vibration feedback.
- Switch between instant upload and storage modes.

## 5. Operation

### 5.1. Scanning Barcodes

The W7 scanner is capable of decoding a wide range of 1D and 2D barcodes, even if they are deformed, wrinkled, dirty, or reflective. It also supports scanning directly from screens.




Image 5.1: The W7 scanner can read various 1D and 2D barcodes, including those that are incomplete, distorted, or smudged.

#### 5.1.1. Supported Barcode Types

- **1D Barcodes:** EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, CodaBar, Code 128, Code93, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, GS1 Databar (RSS), Code 39, Code 11, MSI-Plessey, etc.
- **2D Barcodes:** QR Code, Data Matrix, PDF417, Micro QR, Aztec, etc.

#### 5.1.2. Scanning Procedure

1. Point the scanner's window at the barcode you wish to scan.
2. Press the scanning button. A green light will illuminate, and the scanner will emit a 'di' sound and vibrate (if enabled) upon a successful scan.

3. The scanned data will be transmitted to your connected device.

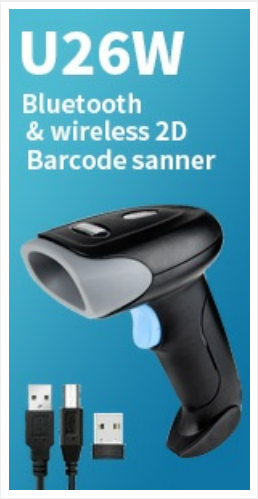



Image 5.2: Press the ergonomic scan button to initiate scanning.

## 5.2. Scanning Modes

The W7 scanner supports two primary scanning modes:

- **Instant Upload Mode:** Scanned data is immediately transmitted to the connected device. This is the default mode.
- **Storage Mode:** If the scanner is out of range or not connected, scanned data is stored internally. Once a connection is re-established, the stored data can be uploaded. Refer to the full manual for instructions on how to activate and manage storage mode.

## 5.3. Understanding the OLED Display

The OLED display provides critical information at a glance:

- **Battery Indicator:** Shows the current battery level.
- **Connection Status:** Indicates if the scanner is connected via Bluetooth, 2.4G wireless, or USB.
- **Storage Capacity:** Displays the amount of data stored in storage mode.




Image 5.3: The OLED display provides visual feedback, complemented by sound and vibration.

# 6. Maintenance

## 6.1. Cleaning

To maintain optimal performance, keep the scanner's scanning window clean. Use a soft, dry, lint-free cloth to gently wipe the surface. Avoid using abrasive cleaners or solvents that could damage the device.

### 6.2. Battery Care

The W7 scanner is equipped with a 1000mAh Lithium-ion battery. To prolong battery life:

- Avoid fully discharging the battery frequently.
- Store the device in a cool, dry place when not in use for extended periods.
- Charge the device regularly, even if not in active use, to prevent deep discharge.

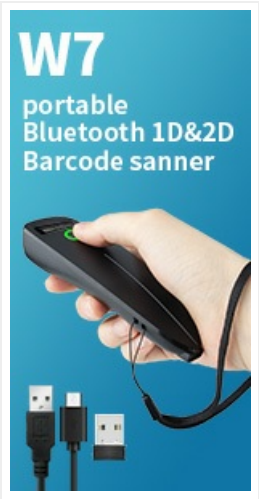



Image 6.1: Internal view highlighting the 1000mAh battery.

## 7. Troubleshooting

### 7.1. Connection Issues

- **Scanner not connecting:** Ensure the scanner is powered on and fully charged. Verify that the correct connection mode (Bluetooth, 2.4G, or USB) is selected and properly configured on both the scanner and the host device.
- **2.4G receiver not recognized:** Try plugging the receiver into a different USB port. Ensure no other 2.4G devices are causing interference.
- **Bluetooth pairing failure:** Make sure the scanner is in pairing mode (if applicable, refer to the full manual) and that Bluetooth is enabled and discoverable on your host device. Try restarting both devices.

### 7.2. Scanning Difficult Barcodes

- **Unreadable barcodes:** While the scanner is designed to read damaged codes, extremely faded, heavily distorted, or very small codes might be difficult. Try adjusting the distance and angle of the scanner to the barcode.
- **Screen scanning issues:** Ensure the screen brightness is adequate and avoid glare.

### 7.3. Sound/Vibration Issues

- **No sound/vibration:** Check if these features have been disabled via configuration barcodes. Refer to the full manual for re-enabling instructions.
- **Sound too loud or distorted:** Some users have found that placing a small piece of tape over the speaker holes can dampen the sound to a more comfortable level.

### 7.4. Battery Draining Quickly

- Ensure the device is fully charged.
- Frequent use of continuous scanning mode or operating in very cold environments can reduce battery life.
- If the issue persists, contact customer support.

## 8. Specifications

| Feature | Specification |
|---|---|
| Model Number | W7 |
| Connectivity Technology | Bluetooth, 2.4G Wireless, USB Wired |
| Compatible Devices | Smartphones, Tablets, PCs (Windows, Mac, Android, iOS) |
| Supported Barcodes (1D) | EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, CodaBar, Code 128, Code93, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, GS1 Databar (RSS), Code 39, Code 11, MSI-Plessey |
| Supported Barcodes (2D) | QR Code, Data Matrix, PDF417, Micro QR, Aztec |
| Scan Rate | 30 FPS |
| Battery Type | 1 Lithium-ion (included) |
| Battery Capacity | 1000mAh |
| Charging Time | Approx. 3 hours |
| Operating Voltage | 5 Volts (DC) |
| Product Dimensions (L x W x H) | 120mm x 30mm x 40mm |
| Weight | Approx. 58g |
| Manufacturer | JIAN BOLAND |
| UPC / GTIN | 785039240084 |

## 9. Warranty and Support

JIAN BOLAND offers a 30-day free return policy for this product. For any questions, technical assistance, or warranty claims, please do not hesitate to contact JIAN BOLAND customer support through your purchase platform or the contact information provided in the original product packaging.


### Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

**Name**

Anonymous

**Email**

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

**Submit question**