

FUZHUI FG2500D

FUZHUI FG2500D Wired Handheld 2D Barcode Scanner User Manual

Model: FG2500D

1. INTRODUCTION

This manual provides essential instructions for the proper setup, operation, and maintenance of your FUZHUI FG2500D Wired Handheld 2D Barcode Scanner. Please read this manual thoroughly before using the device to ensure optimal performance and longevity. This scanner is designed for efficient and accurate reading of both one-dimensional and two-dimensional barcodes in various environments.

2. PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present and in good condition:

- 1 x FUZHUI FG2500D Code Scanner
- 1 x User Manual

3. PRODUCT OVERVIEW

The FUZHUI FG2500D is a compact and ergonomic handheld scanner designed for ease of use and durability. It features a wired USB connection for reliable data transmission.

3.1 Components

- **Scanning Window:** Area through which barcodes are read.
- **Trigger Button:** Activates the scanning beam.
- **USB Cable:** Connects the scanner to a host device.
- **Indicator Light:** Provides visual feedback on scanning status.
- **Buzzer:** Provides audible feedback on scanning status.

3.2 Product Views



Figure 1: Front view of the FUZHUI FG2500D handheld barcode scanner, showing the main body and the attached USB cable.



Figure 2: Side view of the scanner, highlighting the ergonomic grip and the yellow trigger button.



Figure 3: Rear view of the scanner, showing the cable entry point and the overall shape of the device.



Figure 5: Detailed view of the robust connection point where the USB cable attaches to the scanner body.

4. SETUP

The FUZHUI FG2500D scanner is designed for plug-and-play functionality, requiring no additional driver installation for most operating systems.

1. **Connect the Scanner:** Insert the USB connector of the scanner cable into an available USB port on your computer or host device.
2. **System Recognition:** Your operating system (e.g., Windows, macOS, Android, Linux, iOS) should automatically detect and install the necessary generic drivers. This process may take a few moments.
3. **Ready for Use:** Once the indicator light confirms successful connection (typically a steady light or a specific beep), the scanner is ready for operation.

***Note:** For optimal compatibility, ensure your device's USB port is functioning correctly.*

5. OPERATING INSTRUCTIONS

The scanner supports both one-dimensional (1D) and two-dimensional (2D) barcode decoding.

1. **Power On:** The scanner powers on automatically when connected to a USB port.
2. **Positioning:** Hold the scanner with the scanning window facing the barcode. Ensure the barcode is within the scanner's field of view.
3. **Scanning:** Press and hold the trigger button. A scanning beam will emit from the window. Aim the

beam across the entire barcode.

4. **Confirmation:** Upon successful scan, the scanner will emit an audible beep (buzzer) and/or the indicator light will flash or change color. The decoded data will be transmitted to your connected device as keyboard input.
5. **Auto-Sensing Function:** The scanner supports an auto-sensing mode for faster scanning. In this mode, the scanner automatically detects a barcode placed in front of its window without requiring the trigger button to be pressed.

Tip: For difficult-to-read barcodes, try adjusting the distance and angle between the scanner and the barcode. The scanning angle supports oblique angles of ± 45 degrees and elevation angles of ± 60 degrees.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your scanner.

- **Cleaning:** Regularly clean the scanning window with a soft, lint-free cloth. For stubborn dirt, slightly dampen the cloth with water or a mild, non-abrasive cleaner. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the scanner in a clean, dry environment away from extreme temperatures, direct sunlight, and corrosive substances.
- **Cable Care:** Avoid bending or twisting the USB cable excessively. Do not pull the cable to disconnect the scanner; always grasp the plug.
- **Drop Protection:** While the scanner is constructed from durable plastic, avoid dropping it from significant heights to prevent internal damage.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Scanner does not power on.	USB cable not properly connected or faulty USB port.	Ensure the USB cable is securely connected. Try a different USB port or a different host device.
Scanner does not read barcodes.	Barcode damaged, incorrect scanning angle, or scanning window is dirty.	Clean the scanning window. Adjust the distance and angle. Ensure the barcode is not excessively damaged.
No beep or indicator light after scanning.	Unsuccessful scan or prompt mode settings.	Ensure the barcode is successfully read. Check if the buzzer or indicator light functions are enabled (refer to advanced configuration if available, though this model is plug-and-play).
Scanned data is incorrect or incomplete.	Partial scan or compatibility issue.	Ensure the entire barcode is covered by the scanning beam. Verify compatibility with your specific barcode types.

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

8. SPECIFICATIONS

Item Type	Code Scanner
Material	Plastic
Model	FG2500D
Item Model Number	FUZHUIuc3xbzmi1g
Decoding Type	One Dimensional Code, Two Dimensional Code
Connection Type	Wired Connection (USB)
Prompt Mode	Buzzer, Indicator Light
Scanning Angle	Oblique Angle ± 45 Degrees, Elevation Angle ± 60 Degrees
CPU	32bit
Error Rate	1/5 million
Decoding Accuracy	3.3mil
Read Rate	200 Times/s
Item Weight	10 ounces
Package Dimensions	8.27 x 4.33 x 3.54 inches
Manufacturer	FUZHUI

9. WARRANTY AND SUPPORT

For warranty information or technical support, please contact FUZHUI customer service through the retailer where the product was purchased or visit the official FUZHUI website. Please have your model number (FG2500D) and purchase details ready when contacting support.