Wedinard YHD-6200W

Wedinard Wireless 2D Barcode Scanner YHD-6200W Instruction Manual

Model: YHD-6200W / KFI-GT-5.2lk-315876

1. Introduction

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Wedinard Wireless 2D Barcode Scanner YHD-6200W. Please read this manual thoroughly before using the device to ensure optimal performance and to prevent damage.
The Wedinard YHD-6200W is a versatile handheld barcode reader designed for efficient data scanning. It supports both 1D and 2D barcodes, offers wireless connectivity, and is compatible with various operating systems including Windows, iOS, and Android.

2. Package Contents

Carefully unpack the box and verify that all items listed below are present and in good condition. If any item is missing or damaged, please contact your vendor.

- 1 x Wedinard Wireless 2D Barcode Scanner
- 1 x Wireless Receiver (USB Dongle)
- 1 x USB Charging/Data Cable
- 1 x User Manual (this document)

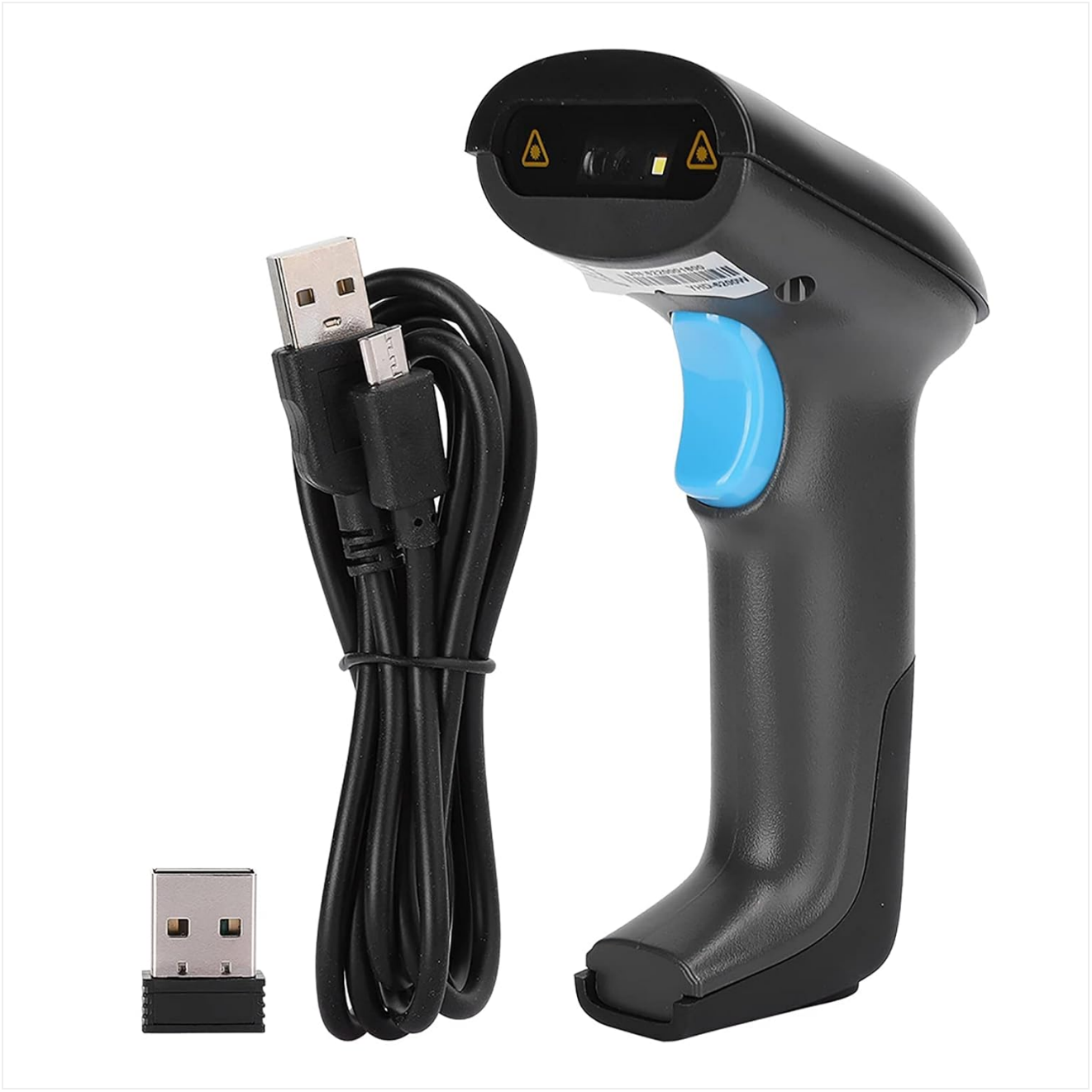

Image: The Wedinard Wireless 2D Barcode Scanner, its USB wireless receiver, and the USB charging/data cable.

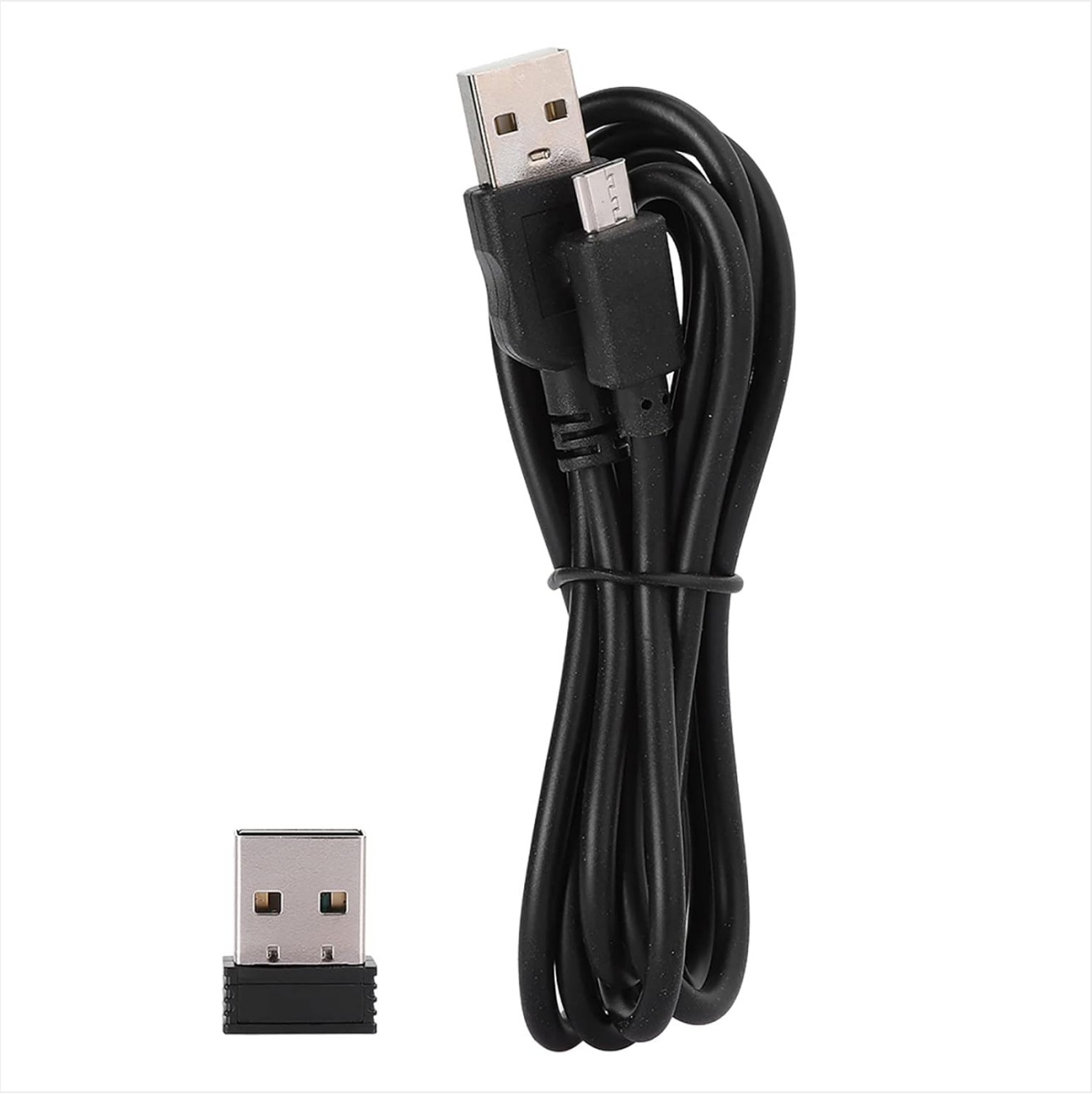

Image: Close-up of the USB wireless receiver and the USB charging/data cable.

3. Setup

3.1 Charging the Scanner

Before first use, ensure the scanner is fully charged. Connect the USB charging cable to the scanner's charging port and plug the other end into a USB power adapter (not included) or a computer's USB port. The scanner has a 2000 mAh battery capacity, providing 3 to 10 days of working hours and up to 60 days of standby time on a full charge.

3.2 Connecting to a Device

The scanner supports various operating systems, including Windows, iOS, and Android, and can be connected to mobile phones, computers, and tablets.

1. Insert the wireless USB receiver into an available USB port on your computer, laptop, or compatible device.
2. Turn on the barcode scanner. It should automatically pair with the receiver.
3. A successful connection is usually indicated by an audible beep from the scanner and/or an indicator light.

No external adapter is required for connection, making operation simple and reducing potential errors.

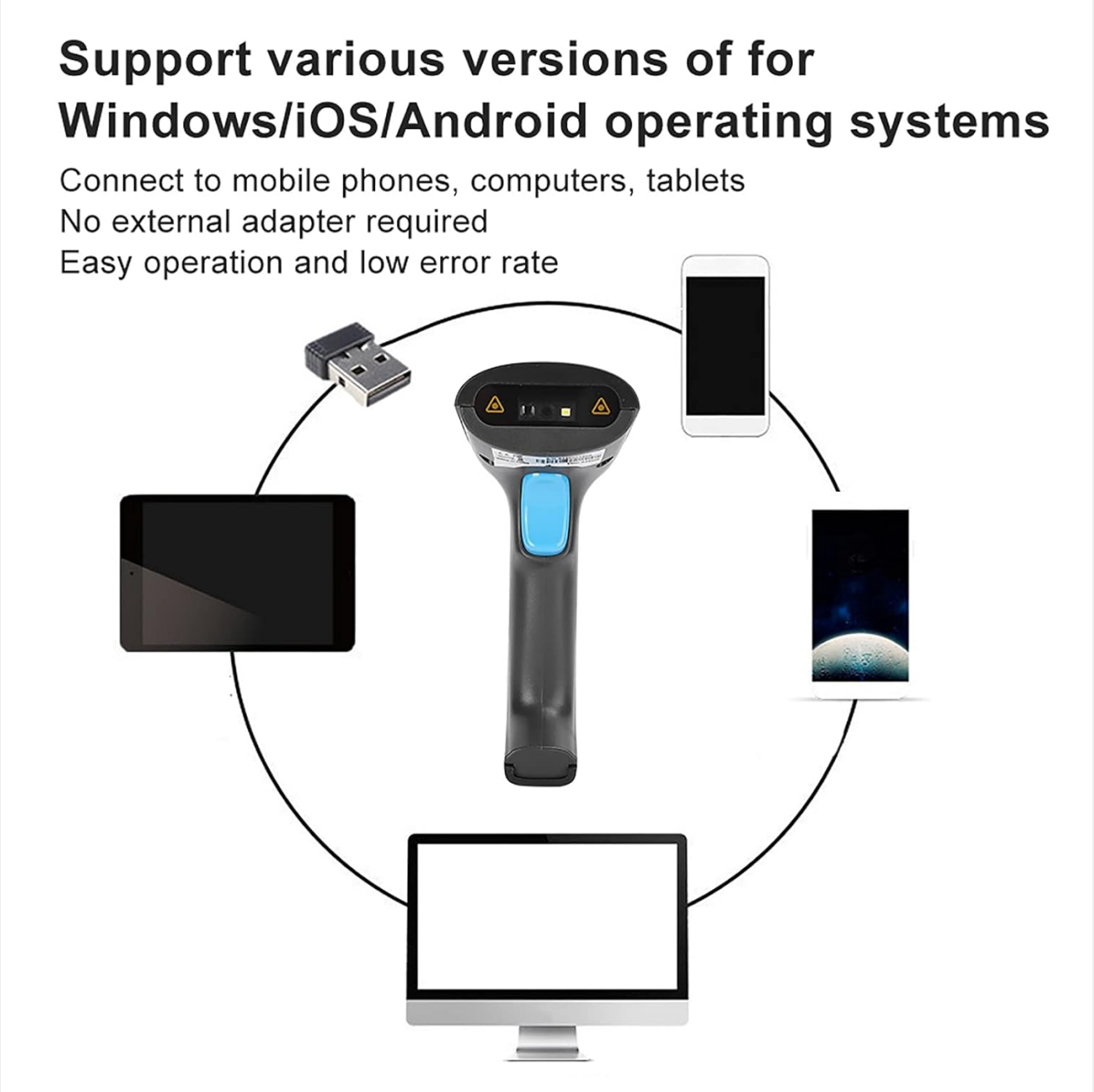

Image: The scanner's compatibility with various devices, including smartphones, tablets, and desktop computers, via its wireless USB receiver.

4. Operating Instructions

4.1 Scanning Barcodes

The scanner features a 624nm LED light source and a 6500K LED for illumination, utilizing a 640x480 CMOS sensor for efficient scanning.

1. Ensure the scanner is powered on and connected to your device.
2. Point the scanner's window at the barcode you wish to scan.
3. Press the trigger button to activate the scan beam. The scanner supports button-triggered, continuous, and automatic induction modes.
4. Hold the scanner steady until you hear a beep, indicating a successful scan. The decoding speed is 500 scans per second.

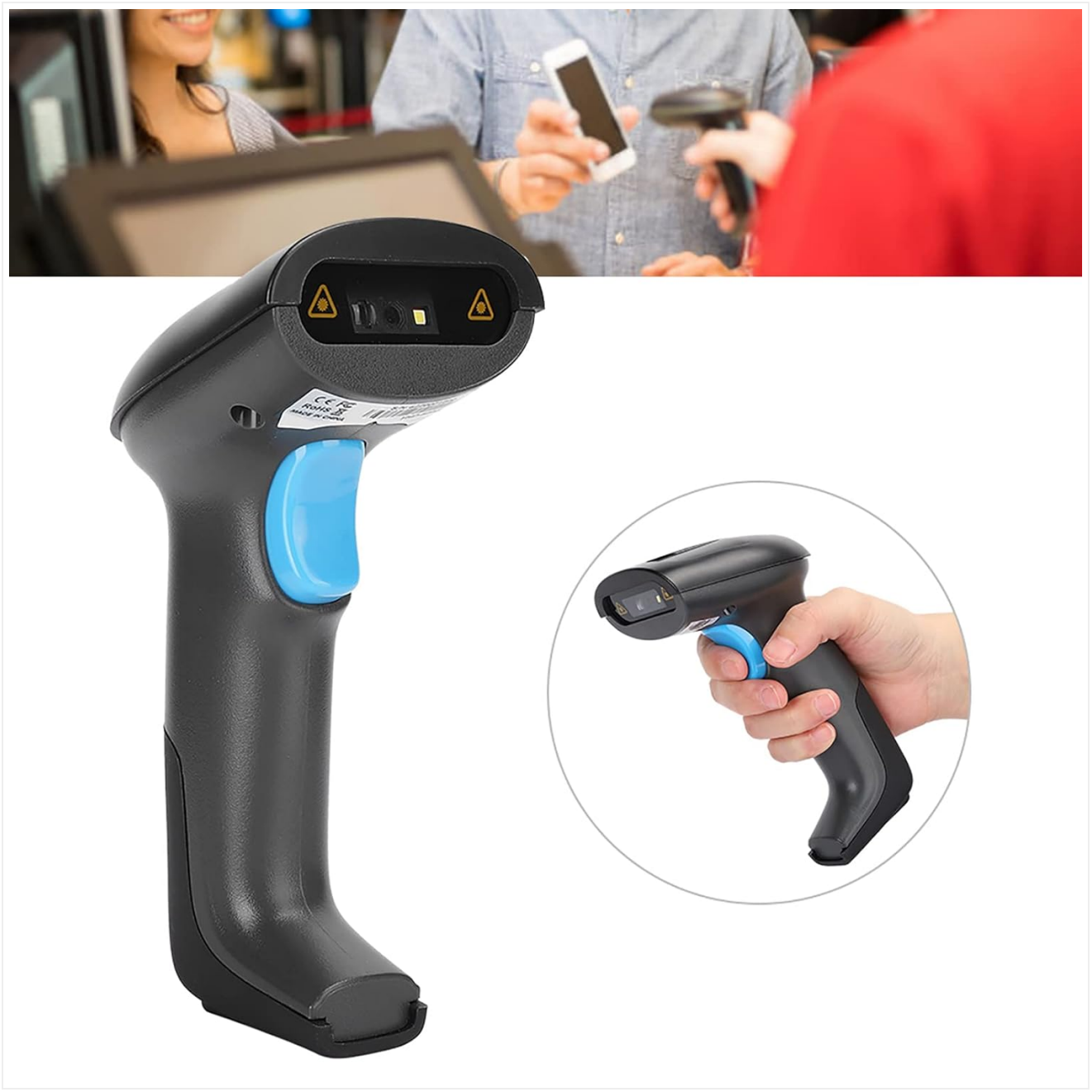

Image: A hand demonstrating the proper grip and aiming technique for the barcode scanner.

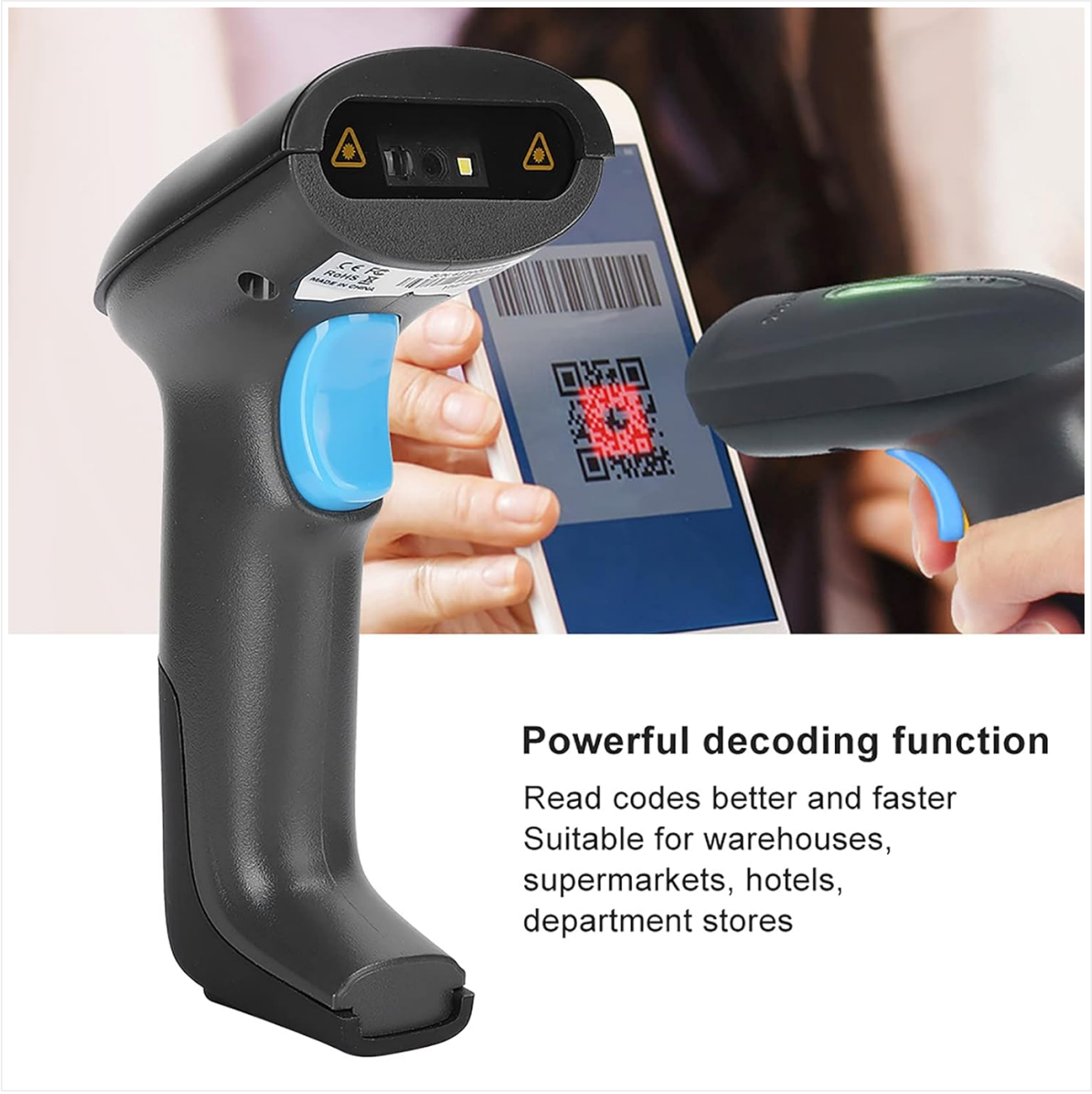

Image: The barcode scanner actively scanning a QR code displayed on a smartphone, illustrating its powerful decoding function.

4.2 Decoding Capabilities

The scanner has a resolution of 4 million pixels and an ARM 32-bit Cortex CPU, enabling it to decode a wide range of barcode types:

- **1D Barcodes:** UPC-A, UPC-E, EAN-8, EAN-13, Code 128, Code 39, Code 93, Code 11, Matrix 2 of 5, Standard 2 of 5, Codabar, MSI Plessey, RSS, etc.
- **2D Barcodes:** QR code, Data Matrix, PDF417, Aztec code, Maxicode, etc.

The scanning angle allows for a rotation of 360 degrees, tilt of ±65°, and skew of ±60°, providing flexibility in scanning positions. It also boasts an anti-interference capability of 0-100000Lux.

4.3 Data Storage

The scanner features an internal memory capable of storing up to 100,000 barcodes, useful for batch scanning when out of wireless range.

5. Maintenance

5.1 Cleaning

To maintain optimal scanning performance, keep the scanner's window clean. Use a soft, lint-free cloth, slightly dampened with water or a mild cleaning solution. Avoid abrasive cleaners or solvents that could damage the device.

5.2 Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Charge the scanner regularly, especially if it will be stored for an extended period. The operating humidity range is 5-95% (non-condensing).

5.3 Storage

Store the scanner in a dry place within the recommended storage temperature range of -40°C to 70°C (-40°F to 158°F). Avoid extreme temperatures and direct sunlight.

6. Troubleshooting

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

- **Scanner not connecting:** Ensure the USB receiver is properly plugged in and the scanner is powered on. Try plugging the receiver into a different USB port.
- **Scanner not reading barcodes:** Check if the scan beam is active. Ensure the barcode is clean, undamaged, and within the scanner's depth of field (e.g., 50-250mm for EAN13, 40-300mm for QR). Adjust the distance and angle.
- **No data transmitted:** Verify that the scanner is successfully paired with the receiver. Check the host device's input settings.
- **Short battery life:** Ensure the scanner is fully charged before use. Battery performance can degrade over time or in extreme temperatures.

For persistent issues, please consult the manufacturer's support resources or contact your vendor.

7. Specifications

Feature	Specification
Brand	Wedinard
Model Number	YHD-6200W / KFI-GT-5.2lk-315876
Item Type	Barcode Scanner
Connectivity Technology	Wireless (USB Receiver), USB Cable
Wireless Transmission Distance	Approx. 100 meters / 328.1 ft
Cable Length	Approx. 1.8 meters / 5.9 ft
Memory	100,000 Barcodes
Working Current	5V±5%×140mA
Standby Current	30mA
Battery Capacity	2000 mAh

Feature	Specification
Operating Humidity	5-95% (non-condensing)
Working Hours	3 to 10 days
Standby Time	60 Days
Light Source	624nm LED
Lighting	6500K LED
Sensor	640x480 CMOS
Trigger Mode	Button, Continuous, Automatic Induction
Depth of Field	250Lux
Resolution	4 Million
CPU	ARM 32-bit for Cortex
Decoding Speed	500/sec
Scanning Angle	Rotation 360°, Tilt ±65°, Skew ±60°
Anti-Interference	0-100000Lux
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Compatible Devices	Desktop, Laptop, Smartphone, Tablet
Power Source	Battery Powered
Material	As shown in Image

Supported Barcode Symbologies:

- **1D:** UPC-A, UPC-E, EAN-8, EAN-13, Code 128, Code 39, Code 93, Code 11, Matrix 2 of 5, Standard 2 of 5, Codabar, MSI Plessey, RSS, etc.
- **2D:** QR code, Data Matrix, PDF417, Aztec code, Maxicode, etc.

8. Warranty Information

Specific warranty details for the Wedinard Wireless 2D Barcode Scanner YHD-6200W are not provided within this manual. Please refer to the warranty card included with your product, or contact your point of purchase or the manufacturer directly for warranty terms and conditions.

9. Customer Support

For technical assistance, troubleshooting beyond this manual, or inquiries regarding your Wedinard Wireless 2D Barcode Scanner YHD-6200W, please contact your retailer or the Wedinard customer support team. Contact information may be available on the product packaging or the manufacturer's official website.