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NetumScan B0CT8KQM1B

NetumScan Handheld USB 1D 2D Barcode Scanner User Manual

Model: B0CT8KQM1B

1. INTRODUCTION

This manual provides detailed instructions for the NetumScan Handheld USB 1D 2D Barcode Scanner. Please read this manual carefully before using the device to ensure proper operation and to maximize its performance and lifespan. This scanner is designed for efficient and accurate reading of various barcode types in environments such as retail, warehouses, and offices.

2. PRODUCT OVERVIEW AND FEATURES

The NetumScan Handheld USB Barcode Scanner is a high-performance device capable of reading both 1D and 2D barcodes. Its robust design and advanced decoding capabilities ensure reliable operation.



Image 2.1: NetumScan Handheld USB 1D 2D Barcode Scanner with USB cable.

Key Features:

- **Superior Recognition Ability:** Equipped with a 32-bit CPU and upgraded CMOS sensor, this scanner offers fast and accurate reading speeds of up to 300 scans per second. It can easily capture 1D and 2D barcodes (QR, PDF417, Data Matrix, etc.) from both paper and digital screens, including smudged, damaged, fuzzy, or reflective barcodes.
- **Professional Anti-Shock Design:** The scanner features a silicone protective cover designed to withstand drops from up to 6.56 feet (2 meters) onto concrete. Its IP54 rating provides protection against dust and moisture.
- **Plug and Play Functionality:** Requires no driver installation. Simply connect the USB cable to a standard USB port on your computer to begin scanning.
- **Multiple Scanning Modes:** Supports Key Trigger Mode, Auto-induction Mode, and Continuous Mode for versatile operation.



6.6ft(2m)

ANTI SHOCK DESIGN

Withstands several free drops of 6.6ft(2m) onto concrete

Image 2.2: The scanner's anti-shock design, capable of withstanding drops from 6.6 feet (2 meters).

3. SETUP

The NetumScan Barcode Scanner is designed for simple plug-and-play setup.

1. **Connect the USB Cable:** Insert the USB cable from the scanner into an available USB port on your computer.
2. **System Recognition:** Your operating system (Windows, macOS, Linux) will automatically detect and install the necessary drivers. No manual driver installation is required.
3. **Ready for Use:** Once recognized, the scanner is ready to transmit scanned data to any application that accepts keyboard input, such as Notepad, Word, Excel, or point-of-sale software.



Image 3.1: The scanner connected via USB to a laptop, illustrating its plug-and-play functionality.

4. OPERATING MODES

The scanner offers three distinct operating modes to suit various scanning needs:

- **Key Trigger Mode:** Press and hold the trigger button to activate the scan beam. Release the button to stop scanning. This mode is suitable for precise, on-demand scanning.
- **Auto-induction Mode:** The scanner automatically detects a barcode within its scanning range and activates the beam to read it without requiring a trigger press. This is ideal for hands-free operation.
- **Continuous Mode:** The scan beam remains continuously active, allowing for rapid scanning of multiple items without repeatedly pressing the trigger.

THREE SCANNING MODES

① Key Trigger Mode

② Continuous Scan Mode

③ Auto-induction Mode

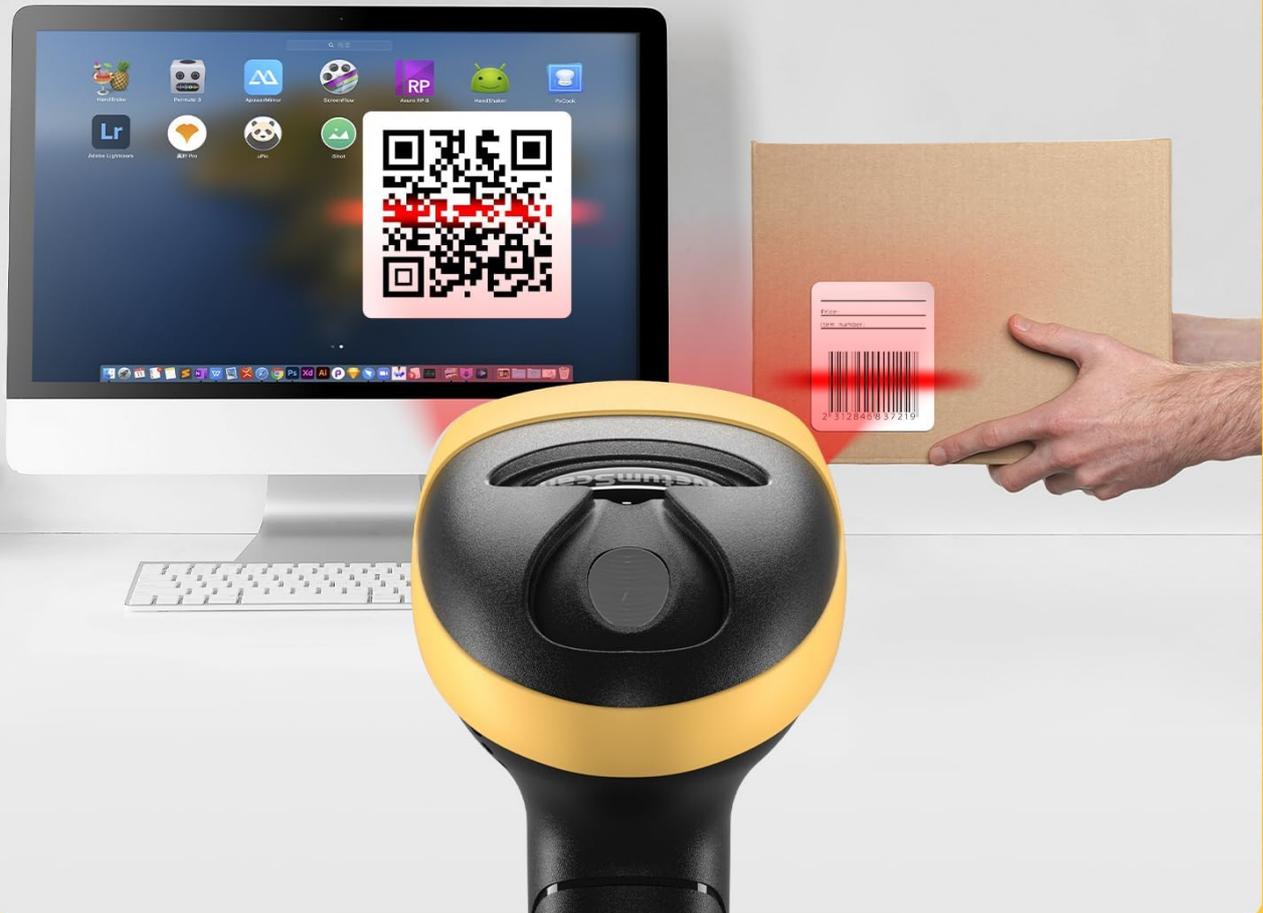


Image 4.1: Illustration of the three scanning modes, showing the scanner reading barcodes from a screen and a physical package.

5. COMPATIBILITY

Device Compatibility:

- Desktop Computers
- Laptop Computers

Operating System Compatibility:

- Windows
- macOS
- Linux

Software Compatibility:

The scanner functions as a keyboard input device and is compatible with most software applications that accept

manual data entry, including:

- Quickbooks
- Microsoft Word
- Microsoft Excel
- Novell
- Various Point-of-Sale (POS) systems



Image 5.1: The scanner shown with a laptop and desktop computer, indicating compatibility with Windows, Mac OS, and Linux operating systems.

6. BARCODE COMPATIBILITY

The NetumScan scanner supports a wide range of 1D and 2D barcode symbologies:

1D Barcodes:

- UPC/EAN (UPC-A, UPC-E, EAN-8, EAN-13)
- Code128
- Code39
- Code11
- Codabar
- Interleaved 2 of 5
- Industrial 2 of 5
- Matrix 2 of 5
- MSI Plessey
- GS1 DataBar (RSS)

2D Barcodes:

- QR Code
- PDF417 (e.g., driver's licenses)
- Data Matrix
- Micro QR
- Aztec Code

POWERFUL DECODE ABILITY

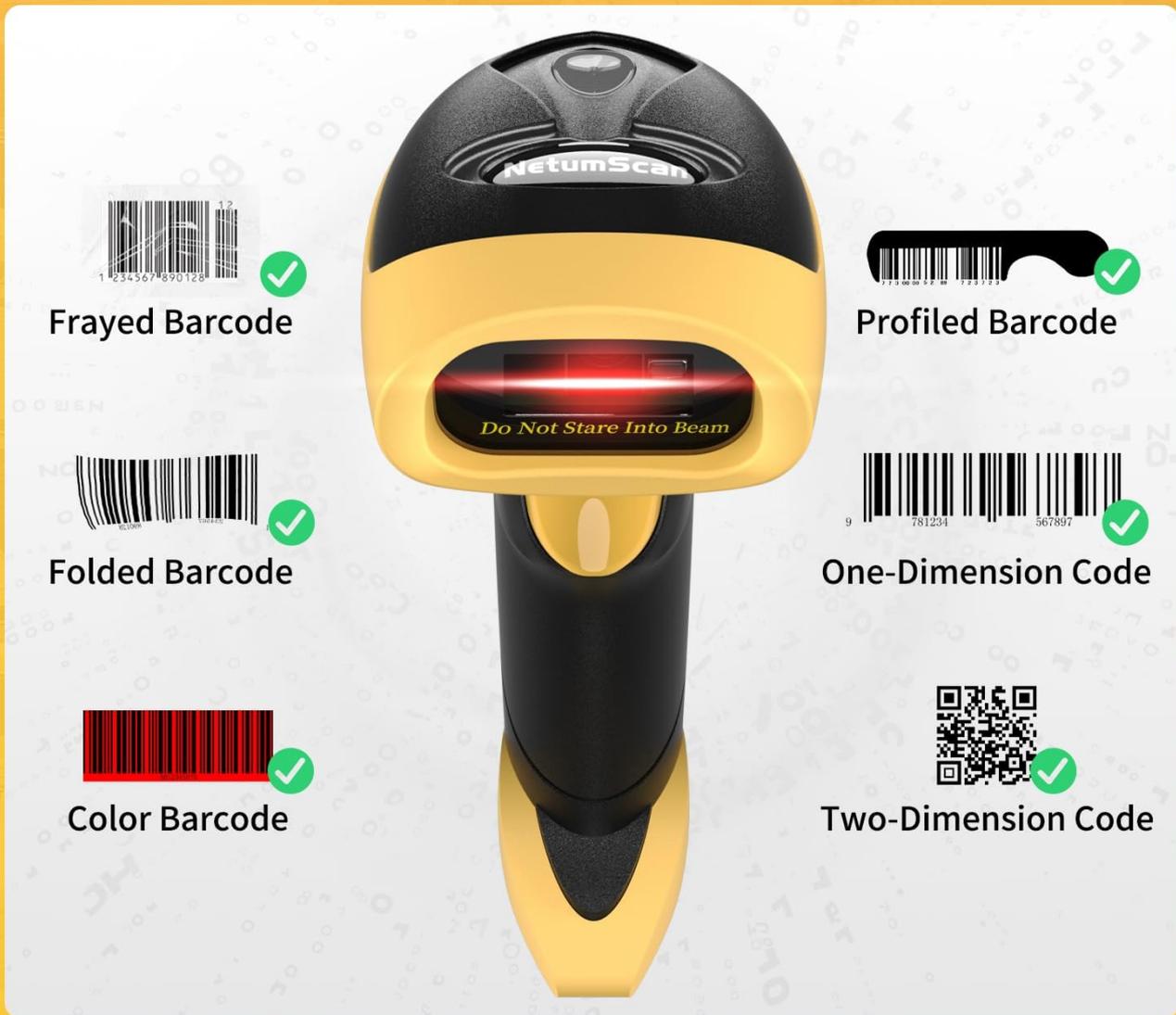
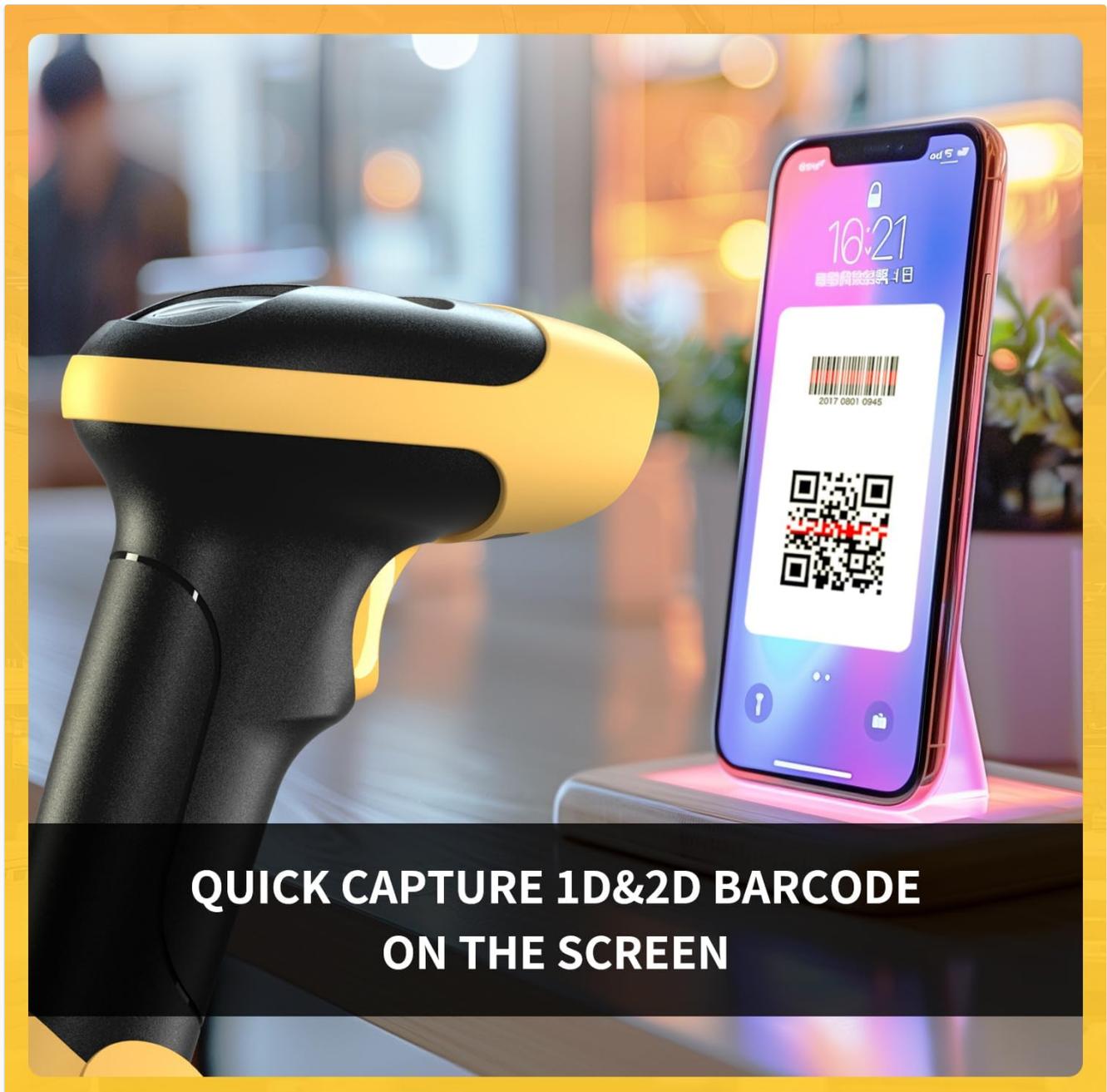


Image 6.1: Examples of various barcode types the scanner can decode, including frayed, folded, profiled, color, 1D, and 2D codes.



QUICK CAPTURE 1D&2D BARCODE ON THE SCREEN

Image 6.2: The scanner's ability to quickly capture 1D and 2D barcodes displayed on a mobile phone screen.

7. MAINTENANCE

To ensure the longevity and optimal performance of your NetumScan barcode scanner, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the scanner's window and body with a soft, lint-free cloth. For stubborn dirt, slightly dampen the cloth with water or a mild, non-abrasive cleaner. Avoid harsh chemicals, solvents, or abrasive materials.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid bending or twisting the USB cable excessively. Do not pull the cable to disconnect the scanner; always grasp the plug.
- **Protection:** While the scanner has an anti-shock design, avoid unnecessary drops or impacts to prevent potential damage.

8. 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 or respond.	USB cable not properly connected or faulty USB port.	Ensure the USB cable is securely plugged into both the scanner and the computer. Try a different USB port or computer.
Scanner reads some barcodes but not others.	Barcode type not enabled, damaged barcode, or insufficient lighting.	Refer to the programming guide (if included) to enable all necessary barcode symbologies. Ensure barcodes are clear and well-lit. Flatten warped or creased barcodes.
Scanned data appears incorrectly or not at all.	Incorrect keyboard language setting on computer or application focus issue.	Verify your computer's keyboard language matches the scanner's default (usually US English). Ensure the target application window is active and ready for input.
Scanner disconnects frequently.	Loose USB connection or power management settings.	Check USB connection. On Windows, go to Device Manager > Universal Serial Bus controllers > USB Root Hub > Properties > Power Management, and uncheck "Allow the computer to turn off this device to save power."

9. SPECIFICATIONS

Feature	Specification
Model	B0CT8KQM1B
Package Dimensions	7.44 x 4.21 x 3.43 inches
Item Weight	9.1 ounces
Connectivity Technology	USB Cable
Power Source	Corded Electric
Compatible Devices	Desktop, Laptop
Manufacturer	NetumScan
Decoding Capability	1D and 2D (QR, PDF417, Data Matrix, etc.)
Drop Resistance	6.56 feet (2 meters)
Ingress Protection (IP) Rating	IP54

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product packaging or visit the official NetumScan website. Keep your purchase receipt as proof of purchase for any warranty claims.

