

Inateck BCST-72

Inateck BCST-72 2D Wireless Barcode Scanner User Manual

Model: BCST-72 | Brand: Inateck

1. INTRODUCTION

This manual provides detailed instructions for the Inateck BCST-72 2D Wireless Barcode Scanner. Please read this guide thoroughly before using the device to ensure proper operation and to maximize its performance. The Inateck BCST-72 is designed for efficient and accurate scanning of various 1D and 2D barcodes, offering versatile connectivity and a long-lasting battery.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- Inateck BCST-72 2D Wireless Barcode Scanner
- USB Charging Cable (USB-A to USB-B)
- 2.4G Wireless USB Dongle
- User Guide (this document)

Your browser does not support the video tag.

Video Description: An unboxing video showing the Inateck BCST-72 barcode scanner, user guide, USB cable, and 2.4G USB dongle being removed from their packaging. This video provides a visual confirmation of the package contents.

3. PRODUCT OVERVIEW

3.1 Physical Features

The Inateck BCST-72 is built for durability and comfort, featuring a robust design suitable for various work environments.

- **Durable Design:** The scanner incorporates thickened TPU soft rubber for 360° drop protection, capable of withstanding repeated drops from 1.8 meters.
- **Ergonomic Grip:** Engineered for comfort during extended use, its balanced weight and slip-resistant backstrap

ensure effortless handling.

- **Durable Button:** The trigger button features a metal and plastic combined design, supporting millions of clicks for long-term reliability.

35M Transmission Range



Image Description: A detailed view of the Inateck BCST-72 barcode scanner, illustrating its robust construction with enhanced TPU for 360-degree protection against drops from up to 1.8 meters.



Million

Durable Button

Metal and plastic
combined design
Million clicks supported

Image Description: A hand holding the Inateck BCST-72 barcode scanner, emphasizing its ergonomic design for comfortable and effortless control during use.

Bluetooth Connection Plug and Play



Windows



MacOS



Linux



Raspberry Pi



iOS



Android



Image Description: A close-up shot of the Inateck BCST-72 barcode scanner's yellow trigger button, highlighting its durable construction designed for millions of clicks.

4. SETUP

4.1 Charging the Scanner

Before initial use, fully charge the scanner. Connect the provided USB charging cable to the scanner's charging port and a USB power source. The scanner is equipped with a 2600mAh battery, offering up to 180 days of standby time or 180,000

scans on a single charge.



Image Description: The Inateck BCST-72 barcode scanner with an overlay indicating its 180-day standby battery life, 144 hours of non-stop scanning, and 2600mAh battery capacity.

4.2 Connectivity Options

The BCST-72 offers three connectivity modes: 2.4G Wireless, Bluetooth, and Wired USB. It is compatible with Windows, Mac, iOS, Android, iPadOS, and Linux operating systems.

4.2.1 Bluetooth Connection

To connect via Bluetooth:

1. Turn on the scanner.
2. Download the "Inateck Scanner" app from the App Store or Google Play.
3. Open the app and follow the on-screen instructions to pair the scanner via Bluetooth. The app will guide you through the setup process.
4. Once paired, the scanner can be used with your device.

4.2.2 2.4G Wireless Connection

For 2.4G wireless connection:

1. Insert the 2.4G USB dongle into an available USB port on your computer or host device.
2. Turn on the scanner. It should automatically connect to the dongle.
3. The scanner will function as a keyboard input device.

4.2.3 Wired USB Connection

To connect via wired USB:

1. Connect the scanner to your computer using the provided USB cable.
2. The scanner will be recognized as a USB HID keyboard device and is ready for use.



Ultimate Comfort

Engineered for EU/US hands



Effortless Grip

Balanced weight, long-lasting use



Unmatched Stability

Slip-resistant backstrap

Ergonomic Grip Effortless Control

Image Description: The Inateck BCST-72 barcode scanner shown connecting via Bluetooth to devices running Windows, macOS, Linux, Raspberry Pi, iOS, and Android, illustrating its broad compatibility.



Image Description: The Inateck BCST-72 barcode scanner illustrating its 35-meter wireless transmission range, connecting to a tablet displaying an invoice.

5. OPERATING INSTRUCTIONS

5.1 Scanning Barcodes

The Inateck BCST-72 accurately reads almost all 1D and 2D barcodes within a 4–35 cm scanning range. It supports mainstream barcode types including Code 128, EAN-13, UPC-A, QR Code, PDF-417, Data Matrix, Aztec Code, and more. Equipped with a red laser aiming frame and white fill light, it reliably scans damaged, small, or blurred barcodes in both bright and low-light conditions.

Super Decoding Ability

Support most of 1D and 2D barcodes



Image Description: The Inateck BCST-72 barcode scanner head shown with various 1D and 2D barcodes, indicating its "Super Decoding Ability" to read different types of codes.

Supports Reading 1D and 2D Barcodes

Code 128, EAN-13, EAN-8, UPC-A, UPC-E, Code 39, Code 93, Codabar, Interleaved 2 of 5, Standard 2 of 5, Industrial 2 of 5, Matrix 2 of 5, MSI, Code 11, ISBN, ISSN, GS1 128, GS1 DataBar, GS1 DataBar Expanded, GS1 DataBar Limited, QR PDF-417, Aztec Code, Data Matrix.



Image Description: The Inateck BCST-72 barcode scanner highlighting its capability to read both 1D and 2D barcodes, listing various supported formats like Code 128, EAN-13, UPC-A, QR, and Data Matrix.

5.2 Scanning Modes

The scanner offers multiple scanning modes to suit different applications:

- **Manual Mode:** Press the trigger button to scan each barcode individually.
- **Continuous Mode:** The scanner continuously emits a scan beam, reading barcodes as they pass through the field of view without needing to press the trigger.
- **Auto-Sensing Mode:** The scanner automatically detects barcodes placed within its scanning range and activates the scan beam.
- **Inventory Mode:** Allows for offline data collection, storing up to 270,000 barcodes internally before uploading them to a host device.



Image Description: The Inateck BCST-72 barcode scanner in a stand, demonstrating its automatic detection mode for hands-free scanning.



Image Description: The Inateck BCST-72 barcode scanner continuously scanning multiple items on a conveyor belt, illustrating its continuous scanning mode.

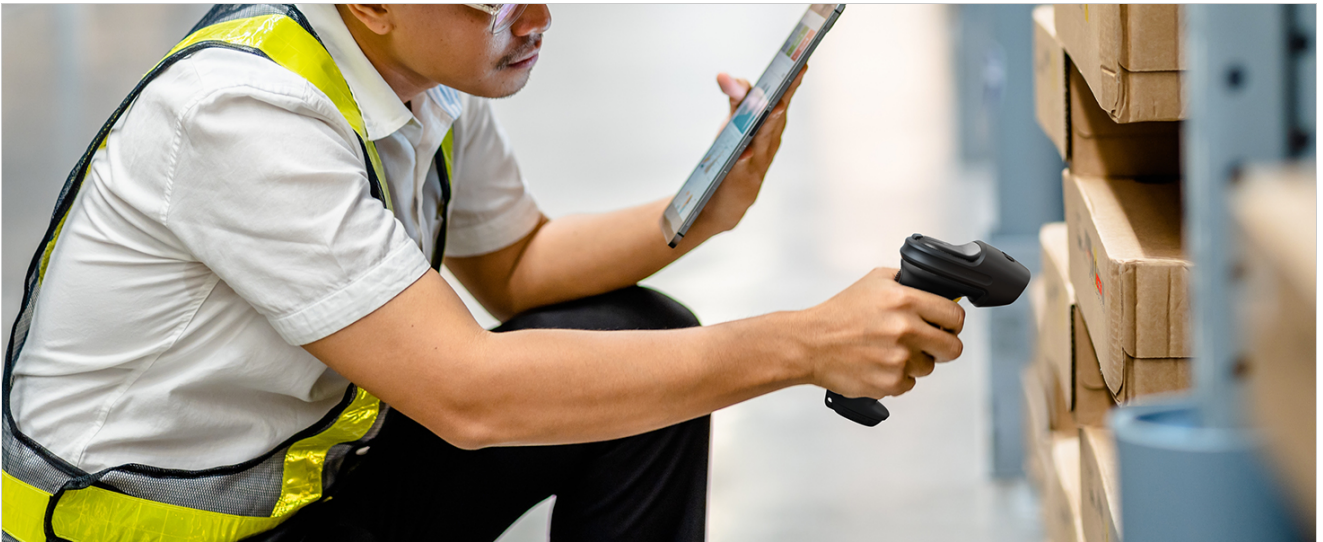


Image Description: The Inateck BCST-72 barcode scanner used in inventory mode, showing scanned data being uploaded to a spreadsheet, highlighting its offline data collection capability.

5.3 Inateck Scanner App & SDK

The Inateck Scanner app (available on App Store and Google Play) and SDK provide advanced configuration options and seamless integration with ERP systems. The app allows for fast configuration of Bluetooth pairing, barcode settings, and data processing. You can customize settings such as volume, barcode types, suffixes, and prefixes. The SDK enables developers to integrate the scanner directly into custom software solutions.

Your browser does not support the video tag.

Video Description: An official product video demonstrating the Inateck BCST-72 barcode scanner's features, including its decoding ability, battery life, durable design, and the functionality of the Inateck Scanner app for configuration and data processing. It also highlights the SDK for seamless integration.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Inateck BCST-72 barcode scanner, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the scanner's exterior. For the scanning window, use a lint-free cloth lightly

dampened with a mild, non-abrasive cleaner. Avoid harsh chemicals or abrasive materials that could scratch the lens.

- **Battery Care:** Avoid fully discharging the battery frequently. For long-term storage, charge the battery to about 50% and store the device in a cool, dry place. Recharge periodically if stored for extended periods.
- **Storage:** Store the scanner in a clean, dry environment away from extreme temperatures, direct sunlight, and corrosive materials.

7. TROUBLESHOOTING

If you encounter issues with your Inateck BCST-72 scanner, refer to the following common solutions:

- **Scanner Not Turning On:** Ensure the battery is charged. Connect the scanner to a power source using the USB cable and allow it to charge for at least 30 minutes before attempting to turn it on again.
- **Unable to Connect via Bluetooth/2.4G:**
 - Ensure the scanner is in the correct pairing mode.
 - Verify that Bluetooth is enabled on your host device.
 - For 2.4G, ensure the USB dongle is securely plugged in and recognized by your device.
 - Try restarting both the scanner and the host device.
- **Scanner Not Reading Barcodes:**
 - Ensure the barcode is clean, undamaged, and within the scanner's optimal reading range (4-35 cm).
 - Check if the barcode type is supported by the scanner. You can configure supported barcode types via the Inateck Scanner app.
 - Adjust the distance and angle of the scanner relative to the barcode.
 - Ensure sufficient lighting for the barcode. The scanner has a white fill light for low-light conditions.
- **No Data Transmission:**
 - Confirm successful connection (Bluetooth, 2.4G, or wired).
 - Ensure the cursor is in an active text field on your host device where data can be input.
 - Check the scanner's settings via the Inateck Scanner app for any data processing rules that might be affecting output.

For further assistance, refer to the electronic manual within the Inateck Scanner app or contact Inateck customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	Inateck
Model	BCST-72
Scanning Capability	1D and 2D Barcodes (Code 128, EAN-13, UPC-A, QR Code, PDF-417, Data Matrix, Aztec Code, etc.)
Scanning Range	4–35 cm
Connectivity	2.4G Wireless, Bluetooth, Wired USB
Compatibility	Windows, Mac, iOS, Android, iPadOS, Linux
Battery	1 Lithium Ion battery (included), 2600mAh
Battery Life	Up to 180 days standby or 180,000 scans
Drop Protection	Withstands 1.8-meter drops

9. WARRANTY AND SUPPORT

Inateck products come with a standard warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Inateck website. If you require technical support, have questions about product operation, or need assistance with troubleshooting, please contact Inateck customer support. You can find contact information on the Inateck website or within the Inateck Scanner app.

Visit the [Inateck Store](#) for more information and products.