

## KOAMTAC 381050

# KOAMTAC KDC470Ci-BLE 2D Imager Barcode Sled Scanner User Manual

Model: 381050

Brand: KOAMTAC

## PRODUCT OVERVIEW

The KOAMTAC KDC470Ci-BLE is a 2D Imager Barcode Sled Scanner designed to enable diverse mobile Auto-Identification applications for collecting barcode data with various smartphones and tablets. When combined with the SmartSled Charging Case for Apple iPod Touch 6, it forms a comprehensive 2D Sled Scanner solution. Its robust design, including an IP65 rating and a 5-foot drop specification, makes it suitable for demanding environments. The user-friendly design allows for periodic smartphone upgrades while retaining the core KDC470 system. It features a built-in rechargeable battery that can also serve as an external power source for your Apple iPhone 7/8Plus. The SmartSled Charging case facilitates simultaneous charging of both the scanner and the phone via a Micro USB cable or Charging Cradle. The KDC470 is supported by KT Sync keyboard wedging software and an SDK compatible with Android, Blackberry, iOS (iPhone, iPod touch, iPad), and Windows platforms.

## Key Features

- Advanced power management puts the Scanner in "hibernation mode" when not actively in use, allowing the battery to outlast an average work shift.
- Many enhancements available for RFID scanning, external battery, pistol grip, and custom cases for direct connection and integrated charging.
- This bundle technology helps battery last longer and ensures seamless connectivity.
- Unique modular design attaches to any smart device via a custom case (Sold separately).

*Note: No relevant product images were provided for the KOAMTAC KDC470Ci-BLE scanner. The image provided in the prompt was for a different product (Yolo BOX) and is not included here.*

## GETTING STARTED

## Package Contents

Please verify that all items are present in your package:

- KOAMTAC KDC470Ci-BLE 2D Imager Barcode Sled Scanner
- SmartSled Charging Case for Apple iPod Touch 6
- Micro USB Cable
- Quick Manual

## Assembly

To assemble your KDC470Ci-BLE with the iPod Touch 6:

1. Carefully insert your Apple iPod Touch 6 into the SmartSled Charging Case, ensuring it is securely seated.
2. Attach the KDC470Ci-BLE scanner to the SmartSled Charging Case. Ensure the connectors align properly and the scanner clicks firmly into place.

## Charging the Device

The KDC470Ci-BLE and the SmartSled Charging Case allow for simultaneous charging of both the scanner and the connected iPod Touch 6.

- Connect the supplied Micro USB cable to the charging port on the SmartSled Charging Case.
- Connect the other end of the Micro USB cable to a USB power adapter (not included) or a powered USB port on a computer.
- Alternatively, place the assembled device into a compatible Charging Cradle (sold separately) for convenient charging.
- The charging indicator light on the device will illuminate to show charging status.

## OPERATION GUIDE

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### Connecting to Host Devices

The KDC470Ci-BLE utilizes Bluetooth Low Energy (BLE) for wireless communication with your smartphone, tablet, or computer.

1. Ensure Bluetooth is enabled on your host device (iPod Touch, smartphone, tablet, or computer).
2. Turn on the KDC470Ci-BLE scanner.
3. On your host device, search for available Bluetooth devices and select the KDC470Ci-BLE from the list. Follow any on-screen prompts to complete the pairing process.
4. For seamless data integration, utilize the KOAMTAC KT Sync keyboard wedging software or integrate the KOAMTAC SDK into your application for Android, Blackberry, iOS, and Windows platforms.

### Barcode Scanning

To scan a barcode:

1. Point the KDC470Ci-BLE's imager window at the barcode you wish to scan.
2. Press the scan button located on the scanner.
3. Ensure the red aiming beam or illumination pattern covers the entire barcode.
4. A successful scan will typically be indicated by an audible beep and/or a visual confirmation (e.g., LED

indicator).

## Power Management

The KDC470Ci-BLE features advanced power management to optimize battery life. When not actively in use, the scanner enters a "hibernation mode" to conserve power, allowing the battery to last through an extended work shift. The built-in rechargeable battery can also provide external power to the connected Apple iPhone 7/8Plus (if applicable).

## CARE AND MAINTENANCE

### Durability and Protection

The KDC470Ci-BLE is designed for durability in tough environments, boasting an IP65 rating for dust and water resistance, and a 5-foot drop specification. While robust, proper care will extend its lifespan.

### Cleaning Instructions

- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the exterior of the device.
- Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the device's surface.
- Ensure no liquid enters the charging ports or other openings.

## TROUBLESHOOTING

### Common Issues and Solutions

- **Device not powering on:** Ensure the battery is charged. Connect the device to a power source using the Micro USB cable.
- **Cannot connect via Bluetooth:** Ensure Bluetooth is enabled on both the scanner and the host device. Make sure the scanner is discoverable. Try unpairing and re-pairing the device.
- **Scanner not reading barcodes:** Ensure the barcode is clean and not damaged. Make sure the aiming beam covers the entire barcode. Check if the barcode type is supported by the scanner.
- **Slow performance:** Ensure the host device has sufficient resources. Close unnecessary applications on the host device.

If you encounter persistent issues, please refer to the support section or contact KOAMTAC customer service.

## TECHNICAL SPECIFICATIONS

Feature	Specification
Package Dimensions	6.1 x 2 x 1.5 inches
Item Weight	8.8 ounces
ASIN	B07P8BH6F3

Feature	Specification
Item model number	381050
Date First Available	November 13, 2018
Manufacturer	KOAMTAC
Compatible Devices	Laptop, Desktop, Smartphone
Power Source	Battery Powered, USB Cable
Brand	KOAMTAC
Connectivity Technology	USB Cable





## WARRANTY AND SUPPORT



For information regarding product warranty, please refer to the documentation included with your purchase or visit the official KOAMTAC website. Specific warranty terms and conditions may vary.

For technical support, troubleshooting assistance, or inquiries about your KOAMTAC KDC470Ci-BLE scanner, please contact KOAMTAC customer service directly. You can typically find contact information on their official website or in your product packaging.

*Note: No official product videos were provided for the KOAMTAC KDC470Ci-BLE scanner in the input data.*

## Related Documents - 381050

	<a href="#">KOAMTAC KDC470 &amp; KDC475 Series Mini Guide: Barcode Scanner Operation &amp; Features</a> Concise guide to the KOAMTAC KDC470 and KDC475 series Bluetooth barcode scanners. Learn about setup, operation, pairing, specifications, and accessories for efficient data collection.
	<a href="#">KOAMTAC KDC480/KDC485 Series Mini Guide: Barcode Scanner Operation and Specs</a> Comprehensive guide to the KOAMTAC KDC480 and KDC485 series barcode scanners, covering setup, operation, Bluetooth profiles, accessories, and technical specifications.
	<a href="#">KOAMTAC KDC280 Mini Guide: Bluetooth Barcode Scanner</a> Concise guide to the KOAMTAC KDC280 Bluetooth Low Energy (BLE) barcode scanner, covering setup, operation, pairing, and accessories.
	<a href="#">KOAMTAC KDC Series: Advanced Bluetooth Barcode Scanners, Data Collectors &amp; mPOS Companions</a> Explore the comprehensive KOAMTAC KDC series of rugged, versatile Bluetooth barcode scanners, data collectors, and mPOS companions. Featuring models like KDC20, KDC30, KDC100, KDC200, KDC250, KDC270, KDC280, KDC300, KDC350, KDC400, KDC470, KDC475, and KDC500, these devices offer advanced features, robust design, and seamless connectivity for diverse auto-identification and payment needs.

	<p><a href="#">KOAMTAC KDC280 BLE Scanning Package Mini Guide: Setup and Operation</a></p> <p>A concise guide to setting up and using the KOAMTAC KDC280 BLE Scanning Package, covering unboxing, power, basic scanning, and computer pairing. Includes information on KTSync and KOAMTACON software.</p>
	<p><a href="#">KOAMTAC KDC SmartSled Hand Strap Assembly Manual</a></p> <p>Step-by-step instructions for assembling the KOAMTAC KDC SmartSled Hand Strap, including what's in the box, assembly steps, and available accessories for KDC470/475/480/485 scanners.</p>