

KOAMTAC KDC350Ci-G6SR-3K-R2-WFG

KOAMTAC KDC350Ci-G6SR-3K-R2-WFG 2D Imager Bluetooth Barcode Scanner User Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation of your KOAMTAC KDC350Ci-G6SR-3K-R2-WFG 2D Imager Bluetooth Barcode Scanner. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.

2. PRODUCT OVERVIEW

The KOAMTAC KDC350Ci-G6SR-3K-R2-WFG is a versatile 2D imager Bluetooth barcode scanner designed for efficient data collection. It features a built-in display and keypad for interactive data collection and a rechargeable battery for extended use.



Figure 1: Front view of the KOAMTAC KDC350Ci-G6SR-3K-R2-WFG barcode scanner, showing the display, scan button, and navigation keys.

Key Features:

- **2D Imager:** Capable of scanning various 1D and 2D barcodes.
- **Bluetooth Connectivity:** Bluetooth V2.1+EDR, Class 2, supporting HID/SPP/MFi profiles for wireless connection to compatible devices.
- **Integrated Display and Keypad:** Allows for interactive data collection and eliminates blind data entry errors.
- **Large Data Memory:** Basic 160KB, with an optional 4MB, capable of storing over 100,000 product databases.
- **Long-lasting Battery:** Easy-to-replace rechargeable battery supports over 25,000,000 barcode scans on a single charge.
- **Sanitizer Compatibility:** Safe for use with Clorox Healthcare Bleach Germicidal Wipes, Curity Alcohol Prep Pads, and Sani-Cloth AF3 Germicidal Disposable Wipes.

- **Software Support:** Includes FREE KT Sync software (keyboard wedging, application generation, DB lookup, inventory management) and FREE SDK with technical support.
 - **Accessory Compatibility:** Designed for use with the KOAMTAC Waterproof Finger Trigger Glove.
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3. SETUP

3.1 Charging the Device

Before initial use, fully charge the KDC350. Connect the device to a USB power source using the provided USB cable. The charging indicator light will illuminate during charging and turn off when fully charged.

3.2 Powering On/Off

- **To Power On:** Press and hold the power button (usually the 'SCAN' button or a dedicated power button, refer to device markings) until the display illuminates.
- **To Power Off:** Press and hold the power button until the device powers down, or navigate through the menu to select 'Power Off'.

3.3 Bluetooth Pairing

1. Ensure the KDC350 is powered on.
 2. On the KDC350, navigate to the Bluetooth menu.
 3. Select 'Pairing Mode' or 'Discoverable Mode'.
 4. On your host device (smartphone, tablet, PC), enable Bluetooth and search for available devices.
 5. Select 'KDC350' from the list of found devices.
 6. Follow any on-screen prompts to complete the pairing process. A successful connection will be indicated on both devices.
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4. OPERATING INSTRUCTIONS

4.1 Scanning Barcodes

1. Point the KDC350's scanning window at the barcode you wish to scan.
2. Press the 'SCAN' button. A red aiming beam will appear.
3. Position the aiming beam over the center of the barcode.
4. A successful scan will be indicated by an audible beep and/or a green LED flash. The scanned data will appear on the KDC350's display and/or be transmitted to the connected host device.

4.2 Data Collection Modes

The KDC350 supports various data collection modes. Refer to the device's on-screen menu for options such as:

- **Keyboard Wedge Mode:** Transmits scanned data directly as keyboard input to the connected device.
- **Application Mode:** Utilizes KOAMTAC's KT Sync software for advanced data management and inventory functions.
- **Batch Mode:** Stores scanned data internally for later upload.

4.3 Using the Keypad and Display

The integrated keypad and display allow for navigation through menus, manual data entry, and verification of scanned information. Use the navigation keys (left/right arrows) and the 'SCAN' button (often acts as 'Enter' or 'Select') to interact with the device's interface.

5. MAINTENANCE

5.1 Cleaning the Device

To maintain optimal performance, keep the scanning window and device exterior clean. Use a soft, lint-free cloth. For disinfection, the KDC350 is safe to use with:

- Clorox Healthcare Bleach Germicidal Wipes
- Curity Alcohol Prep Pads
- Sani-Cloth AF3 Germicidal Disposable Wipes

Do not immerse the device in liquid. Avoid using abrasive cleaners or solvents.

5.2 Battery Replacement

The KDC350 features an easy-to-replace rechargeable battery. Refer to the device's specific instructions for battery compartment access and replacement procedures. Use only KOAMTAC approved replacement batteries.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Battery is depleted.	Charge the device using the USB cable.
Cannot connect via Bluetooth.	Device not in pairing mode; Host device Bluetooth off; Out of range.	Ensure KDC350 is in pairing mode. Verify host device Bluetooth is enabled. Move devices closer.
Barcode not scanning.	Barcode damaged/unreadable; Incorrect scanning angle; Scanning window dirty.	Try scanning a different barcode. Adjust scanning angle. Clean the scanning window.
Scanned data not appearing on host device.	Bluetooth connection lost; Incorrect data transmission mode.	Verify Bluetooth connection. Check KDC350's data transmission mode settings (e.g., Keyboard Wedge).

If the problem persists, please contact KOAMTAC support.

7. SPECIFICATIONS

- **Model:** KDC350Ci-G6SR-3K-R2-WFG
- **Item Model Number:** 348163
- **Scanner Type:** 2D Imager
- **Connectivity:** Bluetooth V2.1+EDR, Class 2 (HID/SPP/MFi), USB Cable
- **Compatible Devices:** Desktop, Laptop, Smartphone
- **Power Source:** Battery Powered, Corded Electric
- **Data Memory:** Basic 160KB, Optional 4MB
- **Item Weight:** 1 pounds
- **Package Dimensions:** 15 x 6 x 3 inches
- **Manufacturer:** KOAMTAC Inc.
- **GTIN:** 08809355874500




8. WARRANTY AND SUPPORT

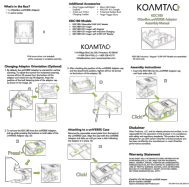


For warranty information and technical support, please refer to the official KOAMTAC website or contact their customer service department. The product includes FREE SDK with technical support from KOAMTAC engineers and development staff.

Manufacturer: KOAMTAC Inc.

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Related Documents - KDC350Ci-G6SR-3K-R2-WFG

	<p>KOAMTAC KDC350 Mini Guide: Bluetooth Barcode Scanner Setup and Operation</p> <p>Concise HTML guide for the KOAMTAC KDC350 Bluetooth barcode scanner. Covers unboxing, powering on/off, basic operation, Bluetooth profiles, pairing, keyboard wedge functionality, KTSync, KOAMTACON, and technical specifications.</p>
	<p>KOAMTAC KDC270 Bluetooth Barcode Scanner Mini Guide</p> <p>A concise guide to the KOAMTAC KDC270 Bluetooth barcode scanner, covering setup, operation, Bluetooth profiles, and specifications.</p>
	<p>KOAMTAC KDC180 Mini Guide: Features, Pairing, and Specifications</p> <p>A concise guide to the KOAMTAC KDC180 wearable barcode scanner, covering setup, Bluetooth pairing (HID/SPP/NFC), UHF functionality, accessories, and technical specifications.</p>

	<p>KOAMTAC KDC180 OtterBox uniVERSE Adaptor Assembly Manual</p> <p>Assembly instructions for the KOAMTAC KDC180 adaptor designed to work with the OtterBox uniVERSE Case system. Includes model compatibility and attachment guide.</p>
	<p>KOAMTAC KDC185 Quick Guide: Bluetooth Barcode Scanner Setup and Features</p> <p>A comprehensive quick guide for the KOAMTAC KDC185 Bluetooth barcode scanner, covering setup, pairing, usage, specifications, and the social distancing feature.</p>
	<p>KOAMTAC KDC20 Mini Guide: Bluetooth Barcode Scanner Setup and Operation</p> <p>A concise guide to the KOAMTAC KDC20 Bluetooth barcode scanner, covering setup, powering on/off, basic operation, Bluetooth profiles, pairing, keyboard wedge functionality, KTSync, KOAMTACON, and technical specifications.</p>