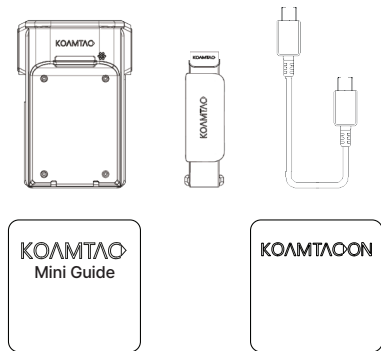


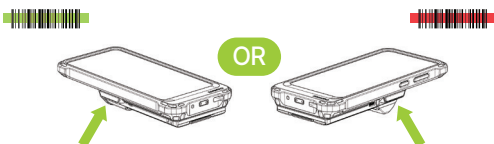
What's in the Box?

- KDC1000/1100 SmartSled
- Mini Guide
- Hand Strap
- KOAMTACON Guide
- USB Type-C Cable



Basic Operation

Aim the KDC1000/1100 toward the barcode and press either of the SCAN buttons located on each side of the device. You can scan the barcode from any direction.



A successful scan will sound 1 beep. An unsuccessful scan will sound 5 beeps.

The external Type-C USB port charges both the smartphone and SmartSled via a USB adapter and also enables PC connectivity. If you want to connect the KDC1000/1100 to a PC, scan the QR code on the right.

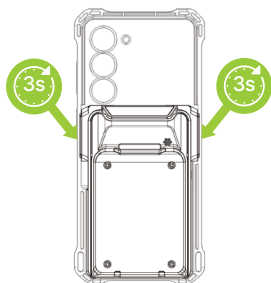
If you unplug the cable, the KDC1000/1100 will reconnect to the smartphone.



Powering the KDC1000/1100 On/Off

The SmartSled powers on when a powered phone is inserted and turns off when the phone is removed or powered down.

For iPhone 13 and 14 SmartSled scanners, press both left and right SCAN buttons for 3 seconds. The KDC1000/1100 will beep when turned ON or OFF.



Lightning vs. USB-C Interfaces

The KDC1000/1100 for **iPhone 13 and 14** connects via a **Lightning connector**, while **iPhone 15 and 16** and **Android** compatible models connect via a **Type-C USB connector**. The connector is located inside the SmartSled.

For iPhone 13 and 14 compatible SmartSled models, only serial communication is supported through the Lightning connector. To use HID mode, connect via Bluetooth. Serial mode over Lightning is the default setting for iPhone 13/14 compatible models.

To return to Lightning serial mode from Bluetooth, scan the QR code below:



Additional Accessories

- SmartSled Custom Cases
- HF RFID Companion
- 0.5W/1.0W UHF Companion
- mPOS & MSRIC Companion
- 1/2-Slot and 10-Slot Charging Cradles
- Pistol Grip Companion
- Extended Battery

Available for Select iOS and Android Smartphones

- KDC1000ST/1100 ST 2D Imager SmartSled Scanner
- KDC1100 PRO 2D Imager SmartSled Scanner
- KDC1100 MR 2D Imager SmartSled Scanner
- KDC1100 ER 2D Imager SmartSled Scanner



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USB Connectivity Options

This feature is not available on KDC1000/1100 SmartSled models for iPhone 13 and 14.

The default communication method for the KDC1000/1100 is USB HID. If you prefer to use the KDC1000/1100 in USB Serial mode, please refer to the barcodes in the next panel.

HID

Allows one-way USB communication. The KDC1000/1100 only transmits data to the host device.

Serial

Allows two-way USB communication. The KDC1000/1100 transmits data to the phone application, and the phone application can transmit data/control back to the KDC1000/1100.

HID inputs data directly into an application, while serial requires KTSync or custom application developed using the KOAMTAC SDK to input data into an application.



KDC1000/1100

Mini Guide



For details on warranty, certifications, and legal compliance, please refer to koamtac.com and the Reference Manual.

Using USB HID or USB Serial Mode

This feature is not available on KDC1000/1100 SmartSled models for iPhone 13 and 14.

In HID mode, the SmartSled functions as a keyboard input device. This option is only available when the SmartSled is set to HID Mode. To switch to HID mode, please scan the QR code to the right.



To change the KDC1000/1100 to serial mode for use with KTSync, your application, or for firmware upgrades, please scan one of the barcodes below:



USB CDC (Android)



USB MFI (iOS)

Using Keyboard Wedge

Keyboard wedge allows you to use your KDC1000/1100 as a keyboard. The HID profile works as keyboard wedge by default. When using serial mode, KTSync provides a keyboard wedge function when KTSync keyboard is enabled. Please refer to the KDC Reference Manual for detailed instructions to enable KTSync keyboard.

- 1. Ensure that the KDC1000/1100 is connected to the host device using the HID profile or the KDC1000/1100 is connected via KTSync keyboard using serial mode.
- 2. Open any application on the host device that contains a text field you want to populate.
- 3. Tap the text field in the application.
- 4. Scan any barcode with the KDC1000/1100.
- 5. The barcode data will then populate in the text field.

Bluetooth Profiles

Bluetooth is also available on the KDC1000/1100, but not the default communication method.

- HID** Allows one-way Bluetooth communication with an Android or iOS host device. The KDC1000/1100 only transmits data to the host device.
- SPP** Allows two-way Bluetooth communication. The KDC1000/1100 transmits data to the host device and the host device can transmit data back to the KDC1000/1100.
- HID Windows** Allows one-way Bluetooth communication with a Windows PC. The KDC1000/1100 only transmits data to the Windows PC

HID inputs data directly into an application. SPP requires the KOAMTAC KTSync™ app or integration of the KOAMTAC SDK to input data into an application.

KTSync & SDK

KTSync® is a program which communicates with the KDC1000/1100 via USB, Serial or Bluetooth. It enables users to read and store data. KTSync is compatible with iOS, Android, Windows, and Mac. It also supports wedging and downloading data from the KDC1000/1100. For more information about KTSync, please visit: www.koamtac.com/support/downloads/applications

The Software Development Kit (SDK) is the perfect solution for creating a custom application to collect data utilizing your KDC1000/1100. The KOAMTAC SDK covers all major development platforms: Android, iOS, Windows, Xamarin, Cordova, React Native, and Flutter. Developers may take advantage of the complimentary SDK and enjoy the full benefits of the KOAMTAC Developer Program. For more information regarding the KOAMTAC Developer Program or to request the latest SDKs, visit: www.koamtac.com/support/downloads/sdk or e-mail sdks@koamtac.com.

Pairing & Connecting

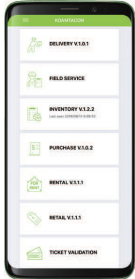
- 1. Navigate to the Bluetooth setting on the host PC, Mac, Smartphone, or Tablet.
- 2. Ensure that Bluetooth is enabled on the host device and searching for devices.
- 3. Using the KDC1000/1100, scan the pairing barcode that corresponds to your desired Bluetooth profile. If you are unsure which Bluetooth profile is right for you, please refer to the previous panel.
- 3a. If KDC1000/1100 does not have a barcode scanner, hold any SCAN button on the KDC1000/1100 for 3 seconds until you hear a beep to begin pairing (Select Bluetooth Profiles from KTSync Windows using USB cable).
- 4. Check the list of available Bluetooth devices on your host device.
- 5. From the list, select KDC1000/1100 listed by serial number in brackets that matches the serial number found on the back side of the KDC.
- 6. In HID mode, the KDC1000/1100 is now ready to use.
- 7. To complete connection in SPP mode, launch KTSync or your application and select the KDC1000/1100.
- * The KDC1000/1100 will beep when successfully connected.

KOAMTACON

The first application suite of its kind, KOAMTACON is a data collection cloud suite designed specifically to be used with KDC barcode scanners, RFID readers, and magnetic stripe readers (MSR) to collect data in any situation. With apps ranging from ticketing to warehouse management, KOAMTAC has you covered. It's never been so easy to collect data via barcodes, RFID, or magnetic stripe.

- KOAMTACON is:
- Simple to maintain
 - Easy to use
 - Cloud-based
 - Compatible with any device

For more information please visit: www.koamtac.com



Pairing Barcodes (for Bluetooth)



BLE SPP

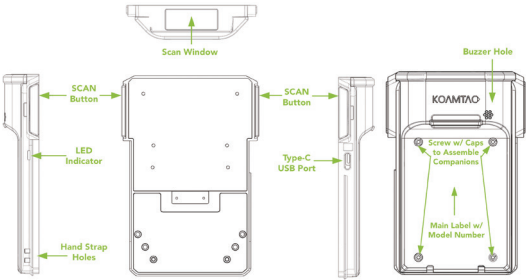


BLE HID



BLE HID Windows

KDC1000/1100 Diagram



KDC1100 models are identical except for their angled scan engines.

KDC1000/1100 Companions



1.0W UHF Reader



HF and 0.5W UHF Readers



2000mAh Extended Battery



Pistol Grip