2D Imager Wearable Bluetooth Barcode Scanner & Data Collector that easily integrates with Ring Scanner or Finger Trigger Glove. Supports Bluetooth Low Energy (BLE). Options include Inductive Charging, Keypad, or 0.5 W UHF Reader.

Wearable 0.5W UHF Reader that easily integrates with Ring Scanner or Finger Trigger Glove.

KDC 180 UHF

Sleek high-performance 1D/2D Barcode Scanner with convenient swing-out USB connector supporting HID, SPP and MFI/iOS Bluetooth profiles as well as USB2Serial.

1D Laser USB Barcode Scanner with convenient swing-out USB connector with built-in display supporting USB HID, USB2Serial, and USB Disk.

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KDC 180 UHF

Hands-Free Scanning Solutions Available for KDC180/200/270/280/350

KDC 20/30

KDC 100

KDC 180

KDC 200

KDC 270/280

KDC 350-R2

KDC 400 SmartSled

KDC 470/475 SmartSleds

KDC 500

RFID Reading SmartSled

IP65-rated 1D/2D Barcode Data Collector with bright OLED displays supporting HID, SPP, and MFI/iOS Bluetooth profiles as well as USB HID, USB2Serial, and USB Disk. KDC280 model supports Bluetooth Low Energy (BLE).

Enhance your KDC470/475 with HF and UHF reading. The reader connects directly to the KDC to give your smart device an all-in-one data collection solution for barcodes and RFID tags. The 1.0W UHF reader features an ergonomic pistol grip with 6000mAh battery.

Ring Scanner/ Finger Trigger Glove

Hands-Free Scanning Solutions Available for KDC180/200/270/280/350

KDC 100

KDC 350-R2

KDC 20/30

Ring Scanner/ Finger Trigger Glove

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Finger Trigger Glove

Ring Scanner

Smart Charging Cases

KPCC Protective Charging Case

KICC Inductive Charging Case

KPCC Protective Charging Case with Extended Battery

KBCC Protective Charging Case with Extended Battery

MBCC Protective Charging Case with Extended Battery

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Finger Trigger Glove

Ring Scanner

Charging Cases available for virtually every smartphone allow you to charge your device and KDC simultaneously. Charging Cases can be used without a KDC to enable cradle charging, inductive charging, or an Extended Battery.

KPCC Protective Charging Case

KBCC Protective Charging Case with Extended Battery

Charging Cases available for virtually every smartphone allow you to charge your device and KDC simultaneously. Charging Cases can be used without a KDC to enable cradle charging, inductive charging, or an Extended Battery.

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For more information please visit:
www.koamtacon.com

KOAMTACON is a data collection cloud suite designed specifically for use with KOAMTAC Bluetooth 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 Strips.

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

For more information please visit:
www.koamtacon.com
Bluetooth Profiles Explained

- HID Normal: KDC only transmits data to an Android, Mac, and Windows host device.
- HID iOS: KDC only transmits data to an iOS host device.
- HID BLE: KDC only transmits data to a Windows host device. Only for BLE.
- Open: KDC only transmits data to an Android or iOS host device. Only for BLE.
- SPP: Supports bi-directional communication between the host device and KDC.
- MFI: Supports bi-directional communication between an iOS host device and KDC.
- OPEN: BLE "guest mode" does not need to be paired.

Pairing and Connecting

1. Navigate to Bluetooth settings on the host device.
2. Ensure that Bluetooth is enabled on the host and searching for devices.
3. Using the KDC, scan the pairing barcode that corresponds to your desired Bluetooth profile (Classic or BLE).
4. Check the list of available Bluetooth devices on host.
5. From the list, select the KDC listed by serial number in brackets that matches the serial number found on the back side of the KDC.
6. In HID mode, the KDC is now ready to use.
7. To complete connection in SPP/MFI mode (classic Bluetooth), launch KTSync or your application and select KDC. To connect via SPP (BLE), launch KTSync or your application and select the KDC to connect.

Classic Bluetooth Pairing Barcodes

- Android, Mac, Windows: HID Normal & Pairing
- HID & Pairing
- SPP & Pairing
- SPP/MFI & Pairing

BLE Pairing Barcodes

- iOS: HID iOS & Pairing
- HID Windows & Pairing
- SPP & Pairing

When connected to iOS devices in HID mode, press the DOWN button to toggle the iOS keyboard.
- Press UP button once to reconnect the KDC.
- Press and hold the SCAN button to enter pairing mode.
- Press and hold the SCAN and DOWN buttons to power off the KDC to 30/180/210/280/350/470/500.

Connecting via BLE OPEN Profile

An application can connect to KDC180 without pairing in OPEN profile. The connection procedure below utilizes the KOAMTAC KTSync Application:

1. Ensure that the KDC is powered on.
2. Ensure that Bluetooth is enabled on your smartphone or tablet. Although the KDC may appear as an available Bluetooth device on your smartphone or tablet, do not select the KDC in this menu.
3. Using the KDC, scan the OPEN mode barcode below:

OPEN Profile

4. Open KTSync on your smartphone or tablet.
5. In the KTSync app, tap the Connect icon at the bottom left of the app.
6. In KTSync, tap "Start BLE Scanning" in the top right.
7. In KTSync, check the list of found devices.
8. In KTSync, tap the KDC listed by serial number in brackets. After selecting (BLE), the serial number found on the back side of the KDC. The format will look like KDC200(#####)(BLE) where XXX is the KDC model number and yyyy is the serial number.
9. The KDC will beep upon connection and display "Bluetooth Connected!" on its screen.

Connecting via BLE OPEN Profile

Helpful Barcodes

- Memory Reset
- Factory Default & Reset
- Enable Beep Sound
- Disable Beep Sound

KTSync & SDK

KTSync® is a program that communicates with KOAMTAC KDCs via Bluetooth. It enables users to read and store data. KTSync is compatible with iOS, Android, Windows, and Mac. KTSync supports wedging and downloading data from the KDC.

For more information about KTSync, please visit: www.koamtac.com/support/downloads/ksdk

The Software Development Kit (SDK) is used to create custom applications to collect data utilizing your KDC. Our SDK covers all major development platforms: Android, iOS, Tizen, Windows, Xamarin, and Cordova. Developers may take advantage of the complementary SDK and enjoy the full benefits of the KOAMTAC Developer Program (KDP).

For more KDP information or to request the latest SDKs, please visit: www.koamtac.com/support/downloads/sdk or e-mail sdk@koamtac.com.

Quick Tips

Tip 1: When connected to iOS devices in HID mode, press the DOWN button to toggle the iOS keyboard.
Tip 2: Press the UP button once to reconnect the KDC.
Tip 3: Press and hold the SCAN button to enter pairing mode.
Tip 4: Press and hold the SCAN and DOWN buttons to power off the KDC to 30/180/210/280/350/470/500.

Samsung Galaxy Tab Accessories

- Samsung Galaxy Tab Active2 SmartSand with 1D/2D barcode and RFID reading options
- Samsung Galaxy Tab Active2 2-Slot & 4-Slot Charging Cradle
- Samsung Galaxy Tab Pro 2-Slot & 4-Slot Charging Cradle
- Samsung Galaxy Tab Active2 1-Slot and 5-Slot Battery Charger

Charging Cradles

- KDC Charging Cradle accessories for convenient charging.

Accessories

- USB Cable
- Lanyard
- Protective Boot
- USB Cable Companion
- KBD401/KBLED41 Bluetooth Dongle
- GUA General Universal Adaptor
- OUA OtterBox uniVERSE Case Adapter
- Pistol Grip
- Extended Battery Companion
- OUA OtterBox uniVERSE Case Adapter
Made For:

- Retail
- Logistics
- Field Services
- Transportation
- Manufacturing
- Healthcare

For further details and to download KDC manuals, drivers, and KTSync visit...

[www.koamtic.com](http://www.koamtic.com)

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