KDC 80

1D BLE Barcode Scanner featuring a laser or CCD barcode engine and a Type-C USB port. Equipped with LED indicators and an OLED display to relay scanning feedback. Supports HID and SPP Bluetooth profiles as well as NFC pairing, USB HID, USB Serial, and USB Disk.

KDC 180

2D Imager Wearable BLE Barcode Scanner & Data Collector that easily integrates with a Ring Trigger or Safety Glove. Options include Inductive Charging, Kepypad, or 0.5W UHF Reader. Features easy pairing options like NFC pairing, pairing barcodes, and Samsung Knox support.

KDC 180 UHF

Wearable 0.5W UHF Reader that easily integrates with Ring Scanner or Finger Trigger Glove. Available with or without 2D barcode scanning capability. Features easy pairing options like NFC pairing, pairing barcodes, and Samsung Knox support.

KDC 185

An ultra-compact, lightweight, 2D Wearable BLE Barcode Scanner designed for the Ring Trigger and Safety Glove. IP65-rated and features easy pairing options like NFC pairing, pairing barcodes, and Samsung Knox support.

KDC 280

IP65-rated 1D/2D BLE Barcode Data Collector with a bright OLED display supporting HID and SPP Bluetooth profiles as well as NFC pairing, USB HID, USB Serial, and USB Disk.

KDC 380

IP65-rated 1D/2D BLE Barcode Scanner with keypad and optional NFC and Wi-Fi connectivity. Supports HID and SPP Bluetooth profiles as well as NFC pairing, USB HID, USB Serial, and USB Disk.

KDC 480/485 SmartSleds

IP65-rated SmartSled for smartphones and tablets with 1D/2D Barcode Scanner supporting HID and SPP Bluetooth profiles as well as USB HID and USB Serial. SmartSled cases available for virtually any smartphone or tablet.

KDC 500

PCI Certified EMV/MSR/Barcode/NFC mPOS companion supporting SPP and MFi/iOS Bluetooth profiles. Provides a secure and convenient user payment and barcode scanning experience.

SKX6Pro/5 SmartSled

IP67-rated SmartSled for the Samsung Galaxy XCover6 Pro or XCover 5 with integrated high-performance 2D Imager Barcode Scanner supporting USB HID and USB Serial through OTG.

RFID SmartSled Companions

Enhance your SmartSled with HF and UHF reading. The reader attaches directly to the SmartSled giving your smart device the ability to read both barcodes and RFID tags. The 1.0W UHF reader features an ergonomic pistol grip with optional 6000 mAh battery. SKX SmartSled is not compatible with the HF Companion.

Wearables

Hands-Free Scanning Solutions for the KDC180 & KDC185

Safety Glove

Ring Trigger

Payment Companions

Add PCI compliant & EMV certified payment processing to your KDC or SKX SmartSled with the SLED-mPOS SmartSled Companion.

Add magnetic stripe and IC card reading capabilities to your to your KDC or SKX SmartSled with the SLED-MSRIC SmartSled Companion.

KDC8 Software Decoder

The KDC8 software decoder fills the gap between free low-quality barcode decoding software and professional barcode scanners by utilizing Honeywell SwiftDecoder software with your smart device's built-in camera.

Benefits:

- 20% faster motion tolerance than competing solutions
- Quick, reliable, and easy-to-use
- Highly accurate scanning utilizing unique patented algorithms
- Supports wide range of barcode symbologies and OCR

The KDC8 is integrated into our SDK and is available for purchase as a standalone license per device. Upgrade to a hardware decoder at any time for additional functionality for a full-service omnidecoder solution.

Charging Cradles

Single- and multi-slot Charging Cradles for:

- KDC Companion scanners
- SKX SmartSled scanners
- Galaxy XCover6 Pro & XCover5
- Galaxy Tab Active4 Pro & Tab Active3
- Galaxy Tab Active Pro
- 1.0W UHF Readers SmartSled companions
- Pistol Grip SmartSled companions

20230809

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 Windows	KDC only transmits data to a Windows host device. Only for BLE.
HID BLE	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.

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.

BLE Pairing Barcodes

HID & Pairing

HID Windows & Pairing

SPP & Pairing

Classic Bluetooth Pairing Barcodes

Android, Mac, Windows: HID Normal & Pairing

iOS: HID iOS & Pairing

SPP/MFi & Pairing

Quick Tips

Tip 1 When connected to iOS devices in HID mode, press the DOWN button to toggle the iOS keyboard.

Tip 2 If your KDC disconnects from the host device, open the Bluetooth settings on your host device, and select your 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 the KDC80/180/185/280/380/480/485 on and off.

Helpful Barcodes

Memory Reset

Factory Default & Reset

Bluetooth Disconnect

Helpful Barcodes

Enable Beep Sound

Disable Beep Sound

Helpful Barcodes

Bluetooth Mode for OUA/GUA

OTG Mode for OUA/GUA

Helpful Barcodes

Enable USB OTG HID Mode

Enable USB OTG Serial Mode

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/applications

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 complimentary 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.

SKX Companions

1.0W UHF Reader

0.5W UHF Reader

MSR/IC Reader

2000mAh Extended Battery

Pistol Grip

mPOS

Samsung Galaxy Tab Accessories

Galaxy Tab Active3 SmartSled with 1D/2D barcode and RFID reading options

Galaxy Tab Active4 Pro/3 Charging Cradles

Samsung Galaxy Tab Pro 2-Slot & 4-Slot Charging Cradles

Galaxy Tab Active3 5-Slot Battery Chargers

Accessories

USB Cable

Lanyard

Protective Boot

Extended Battery Companion

KBLED41 Bluetooth Dongle

Accessories

Pistol Grip

OGUA General Universal Case Adaptor

O5OUA OtterBox uniVERSE Case Adaptor