



KOAMTAC

KDC80[®]

Bluetooth Barcode Scanner & Data Collector

The Next Generation of KDC

The KDC80 is the successor to the widely popular KDC200 Barcode Scanner. With features including Bluetooth Low Energy 5.0, an upgraded laser or CCD engine, and a Type-C USB port, the KDC80 is an overall improvement over the KDC200 and other entry level scanners. The KDC80 enables diverse mobile Auto-Identification applications for collecting and storing barcode data.

Powered

Advanced power management puts the KDC in "hibernation mode" when not actively in use, allowing the user to achieve maximum battery life. The KDC80 can be easily charged via Type-C USB cable. Additionally, the KDC80 is equipped with a 200mAh rechargeable lithium-polymer battery, enabling sufficient battery life for day-to-day scanning operations.

Designed

The KDC80 features a display as well as an LED indicator to quickly and visually relay scanning feedback to the user. Lightweight and ergonomic, the KDC80 is easily operated in hand and can be worn on a lanyard.

Connected

The KDC80 features Bluetooth[®] Low Energy 5.0 to enable faster and simpler connection methods for use with smart watches, smart glasses, and other smart devices. The KDC80 also features NFC Pairing, which allows Android host devices to connect in HID or SPP by simply tapping the NFC area of the host device with the KDC80. Additionally, automatic setup is supported by Samsung KNOX.

Equipped

The KDC80 is available with a laser or CCD scan engine capable of reading all major 1D barcode symbologies. 5MB of on-board memory can store up to 262,000 UPS product barcodes and allows basic applications to run right on the device.

KTSync[®] software with keyboard wedging, application generation, database look up, inventory management, and KDC configuration features is included for Android, iOS, and Windows devices. Complementary SDK for Android, iOS, Mac OS X, Windows, Xamarin, and Cordova as well as technical support from top engineers and the development team ensure ease of data collection in any situation.



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Hardware Specifications

Physical Characteristics

Size: 1.3" x 2.4" x 0.6" (34 mm x 62 mm x 16 mm)
w/ Boot: 1.4" x 2.5" x 0.7" (36 mm x 64 mm x 17 mm)

Weight: 1.2 oz (35 g)
Protective Boot: 0.2 oz (7 g)

Electrical Characteristics

Battery: 200mAh Lithium-polymer
Charging: Type-C USB connector

Interfaces

Bluetooth[®] Low Energy 5.0: HID (Android/iOS/Windows),
SPP (Optional Secure Mode)
Type-C USB: USB Flash Memory (Windows), USB Serial (Android
with OTG cable / Windows)

User Environment

Ingress Protection Rating: IP42
Drop Spec: 5' (1.5 m) with protective boot
Operating: 14°F to 122°F (-10°C to 50°C)
Storage: -4°F to 140°F (-20°C to 60°C)
Humidity: 5% to 95% (non-condensing)

Performance

Functionality

Memory Flash: Program 1MB / User Data 5MB
Memory RAM: 256KB
Can store up to 262,000 barcodes (EAN-13)

Wedging & Synchronization

Store to a file or transfer to an application
Keyboard wedge function
Add-on prefixes and suffixes
Barcode option selection

Application Generation

SDK for Android, iOS, Mac OS X, Windows, Xamarin, Cordova
Application generation tool and Matching

OS Support

Android, iOS, Mac OS X, Windows

Regulatory Conformance

CE, FCC, KC, J-MIC, VCCI, SRRC, RoHS Compliant
Laser Safety, KDC80L: IEC60825-1 (Class II)
LED Safety, KDC80D: IEC62471:2006

Scan Range (20mil Code39)

1.97" to 18.11" (50 mm to 460 mm)

Symbologies

Laser/CCD (1D): EAN-13, EAN-8, UPC-A, UPC-E, Code 39, ITF14,
Code 128, Interleaved 2 of 5, Codabar, GS1-128, Code 93, Code
35, Bookland EAN-13, EAN-13/8 incl. add on, UPC-A/E incl. add on,
GS1 Omni, GS1 Limited, GS1 Expanded

Special Features

NFC Pairing
Automatic setup with Samsung KNOX
Social Distance Solution

Your KDC

Models

KDC80D
KDC80L

Compatible Accessories

Protective Boot

Package Contents

1 x KDC80 Reader
1 x KDC Lanyard
1 x KDC Type-C USB Cable
1 x KDC80 Protective Boot

