

LED Indicator Status

The KDC180 is equipped with a set of LED indicators that provide operational feedback & can be programmed via SDK.

Charging:






Green: Charging Complete
Orange: Charging based on battery level.

Bluetooth:

Green: Connected
Red: Disconnected






Blinking Orange: HID Pairing
Blinking Red: SPP Pairing

Read Indicators:

Green: Successful Read
Red: Failed Read






* Lights 1 through 5 illuminate based on battery level.

Using Keyboard Wedge

Keyboard wedge allows you to use your KDC as a keyboard. The HID profile works as keyboard wedge by default. When using SPP, 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 KDC is connected to the host using the HID profile or the KDC is connected via KTSync keyboard using the SPP profile.
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 KDC.
5. The barcode data will then populate in the text field.

KDC180 Accessories



Ring Trigger for KDC180
 The KDC180 Ring Trigger fits comfortably around the index and middle fingers while the scan button is easily operated with your thumb.



Safety Glove for KDC180
 The Safety Glove fits comfortably on your bare hand or over a work/winter glove. It is constructed from lightweight, cut-resistant yarn.



KDC180 Charging Cradles
 Conveniently charge your KDC180 and spare batteries. Available in 2-Slot and 10-Slot configurations.

Specs

Functionality

Memory Flash ROM: 256KB
 Program, 256KB User Data
 Memory RAM: 64KB
 Can store more than 10,000 barcodes (EAN-13)

Interfaces

Bluetooth® Low Energy 5.0;
 HID (Android/iOS/Windows),
 SPP (Optional Secure Mode)
 Micro USB; USB HID; USB Serial
 (Android w/ OTG cable/Windows)

User Environment

Drop Spec: 6' (1.8 m)
 Operating: -4F to 122 F
 (-20C to 50C)
 Storage: -4F to 140F
 (-20C to 60C)
 Humidity: 5% to 95%
 (non-condensing)

Physical Characteristics

Size: 1.57" X 2.72" X 0.8"
 40mm X 69mm X20mm
 Weight: 2.3oz, 65g

Supporting OS

Android, iOS, Mac OS X,
 Windows, Xamarin, and
 Cordova

KTSync & SDK

KTSync® is a program which communicates with the KDC via 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 KDC.

For more information about KTSync, please visit:
www.kaamtac.com/support/downloads/applications

The Software Development Kit (SDK) is the perfect solution for creating a custom application to collect data utilizing your KDC. The KOAMTAC SDK covers all major development platforms: Android, iOS, Mac OS X, Windows, Xamarin, and Cordova. 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.kaamtac.com/support/downloads/sdk
 or e-mail sdk@kaamtac.com.